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.lla 226

ELABORATO

A9.P

PROGETTO STRUTTURALE ESECUTIVO

Fascicolo dei calcoli_post-operam

STATO
POST OPERAM

SCALA:

Dicembre 2018

RAGGRUPPAMENTO TEMPORANEO DI PROFESSIONISTI

Mandatario: Arch. RICCARDO STOLZUOLI

Mandanti: Ing. GIANNI STOLZUOLI, Arch. DANIELA SESTINI

Timbro e Firma

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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
-2203	19.45	9.18	6.28	0	1
-2200	19.45	9.18	4.97	0	1
-2197	5.13	11.53	12.35	3	1
-2194	5.13	11.53	11.50	0	1
-2191	5.13	11.53	7.88	0	1
-2188	5.13	11.53	3.39	0	1
-2185	5.13	11.53	1.64	0	1
-2182	5.13	11.53	8.58	2	1
-2179	5.13	11.53	1.10	0	1
-2176	7.35	10.66	12.35	3	1
-2173	7.35	10.66	11.50	0	1
-2170	7.35	10.66	7.88	0	1
-2167	7.35	10.66	3.39	0	1
-2164	7.35	10.66	1.64	0	1
-2161	7.35	10.66	8.58	2	1
-2158	7.35	10.66	1.10	0	1

Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn
-2202	19.45	8.62	6.28	0	1
-2199	19.45	8.62	4.97	0	1
-2196	5.13	11.53	12.20	0	1
-2193	5.13	11.53	10.48	0	1
-2190	5.13	11.53	7.55	0	1
-2187	5.13	11.53	2.90	0	1
-2184	5.13	11.53	9.50	0	1
-2181	5.13	11.53	4.97	0	1
-2178	5.13	11.53	0.00	0	3
-2175	7.35	10.66	12.20	0	1
-2172	7.35	10.66	10.48	0	1
-2169	7.35	10.66	7.55	0	1
-2166	7.35	10.66	2.90	0	1
-2163	7.35	10.66	9.50	0	1
-2160	7.35	10.66	4.97	0	1
-2157	7.35	10.66	0.00	0	3

Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn
-2201	19.45	8.33	6.28	0	1
-2198	19.45	8.33	4.97	0	1
-2195	5.13	11.53	11.74	0	1
-2192	5.13	11.53	10.08	0	1
-2189	5.13	11.53	6.28	0	1
-2186	5.13	11.53	2.18	0	1
-2183	5.13	11.53	9.35	0	1
-2180	5.13	11.53	4.07	1	1
-2177	6.03	12.86	1.10	0	1
-2174	7.35	10.66	11.74	0	1
-2171	7.35	10.66	10.08	0	1
-2168	7.35	10.66	6.28	0	1
-2165	7.35	10.66	2.18	0	1
-2162	7.35	10.66	9.35	0	1
-2159	7.35	10.66	4.07	1	1
-2156	10.92	7.34	2.18	0	1

-2155	10.92	10.65	2.18	0	1
-2152	0.00	11.22	7.05	0	1
-2149	5.79	12.86	12.35	3	1
-2146	5.79	12.86	10.08	0	1
-2143	5.79	12.86	7.88	0	1
-2140	5.79	12.86	2.18	0	1
-2137	5.79	12.86	1.64	0	1
-2134	5.79	12.86	8.58	2	1
-2131	5.79	12.86	1.10	0	1
-2128	6.89	12.86	1.64	0	1
-2125	10.92	2.15	1.10	0	1
-2122	10.92	4.15	3.39	0	1
-2119	10.92	4.15	12.20	0	1
-2116	10.92	4.15	9.50	0	1
-2113	10.92	4.15	9.35	0	1
-2110	10.92	4.15	4.07	1	1
-2107	22.01	0.00	10.48	0	1
-2104	15.72	-0.95	4.07	1	1
-2101	9.45	0.00	12.20	0	1
-2098	9.45	0.00	7.88	0	1
-2095	9.45	0.00	2.90	0	1
-2092	9.45	0.00	8.58	2	1
-2089	9.45	0.00	1.10	0	1
-2086	15.72	0.00	12.20	0	1
-2083	15.72	0.00	7.88	0	1
-2080	15.72	0.00	2.90	0	1
-2077	15.72	0.00	8.58	2	1
-2074	15.72	0.00	1.10	0	1
-2071	14.18	4.15	4.07	1	1
-2068	14.18	2.35	2.90	0	1
-2065	14.18	2.35	0.00	0	3
-2062	17.82	7.34	6.28	0	1
-2059	17.94	7.34	4.97	0	1
-2056	4.52	0.00	10.48	0	1
-2053	19.45	9.30	4.97	0	1
-2050	19.45	10.81	6.28	0	1
-2045	19.45	7.34	6.28	0	1
-2040	19.45	7.34	4.97	0	1
-2037	19.45	9.95	4.07	1	1
-2034	19.45	10.81	3.39	0	1
-2031	19.45	9.95	2.90	0	1
-2028	19.45	9.18	3.39	0	1
-2025	19.45	9.95	2.05	0	1
-2022	19.45	10.81	1.10	0	1
-2019	19.45	9.95	0.00	0	3
-2016	19.45	9.18	1.10	0	1
-2013	5.13	2.08	10.08	0	1
-2010	5.13	1.21	10.48	0	1
-2007	5.13	1.21	10.08	0	1
-2004	5.13	2.08	11.50	0	1
-2001	5.13	2.08	12.20	0	1
-1998	4.52	0.00	5.57	0	1
-1995	5.13	0.00	5.57	0	1
-1992	20.47	5.69	1.10	0	1
-1989	7.35	7.26	11.74	0	1
-1986	7.35	10.21	11.74	0	1
-1983	7.09	12.86	11.74	0	1
-1980	9.01	10.77	12.20	0	1
-1977	9.01	9.34	12.20	0	1
-1973	9.01	9.34	12.35	3	1
-1970	9.01	7.26	7.88	0	1
-1967	7.35	5.69	9.50	0	1
-1964	7.35	5.69	11.74	0	1
-1961	7.35	5.69	7.88	0	1
-1958	7.35	5.69	0.00	0	3
-1955	7.35	5.69	2.90	0	1
-1952	9.01	5.69	12.35	3	1
-1949	9.01	5.69	12.20	0	1
-1946	9.01	5.69	8.58	2	1
-1943	9.01	5.69	5.57	0	1
-1940	9.01	5.69	4.97	0	1
-1937	9.01	5.69	0.00	0	3
-1930	19.45	8.62	11.74	0	1
-1927	19.45	9.30	12.20	0	1
-1924	19.45	9.30	10.48	0	1
-1921	19.45	9.30	7.55	0	1
-1918	19.45	9.30	8.58	2	1
-1912	6.73	5.69	11.50	0	1
-1909	6.73	5.69	12.35	3	1

-2154	0.00	7.94	7.05	0	1
-2151	3.18	12.86	7.05	0	1
-2148	5.79	12.86	12.20	0	1
-2145	5.79	12.86	11.74	0	1
-2142	5.79	12.86	7.55	0	1
-2139	5.79	12.86	3.39	0	1
-2136	5.79	12.86	9.50	0	1
-2133	5.79	12.86	4.97	0	1
-2130	5.79	12.86	0.00	0	3
-2127	6.89	12.86	1.10	0	1
-2124	10.92	2.15	2.90	0	1
-2121	10.92	4.15	2.90	0	1
-2118	10.92	4.15	11.74	0	1
-2115	10.92	4.15	7.55	0	1
-2112	10.92	4.15	8.58	2	1
-2109	10.92	4.15	1.10	0	1
-2106	25.15	0.00	10.48	0	1
-2103	9.45	-0.95	4.07	1	1
-2100	9.45	0.00	11.74	0	1
-2097	9.45	0.00	7.55	0	1
-2094	9.45	0.00	9.50	0	1
-2091	9.45	0.00	4.97	0	1
-2088	9.45	0.00	0.00	0	3
-2085	15.72	0.00	11.74	0	1
-2082	15.72	0.00	7.55	0	1
-2079	15.72	0.00	9.50	0	1
-2076	15.72	0.00	4.97	0	1
-2073	15.72	0.00	0.00	0	3
-2070	14.18	2.35	3.39	0	1
-2067	14.18	4.15	2.90	0	1
-2064	14.18	4.15	1.10	0	1
-2061	17.82	7.34	4.97	0	1
-2058	7.59	0.00	10.48	0	1
-2055	4.52	0.00	10.08	0	1
-2052	19.45	9.95	4.97	0	1
-2049	19.45	10.81	4.97	0	1
-2044	19.45	8.15	6.28	0	1
-2039	19.45	8.15	4.97	0	1
-2036	19.45	9.30	4.07	1	1
-2033	19.45	10.81	2.90	0	1
-2030	19.45	9.30	3.39	0	1
-2027	19.45	9.18	2.90	0	1
-2024	19.45	9.30	2.05	0	1
-2021	19.45	10.81	0.00	0	3
-2018	19.45	9.30	1.10	0	1
-2015	19.45	9.18	0.00	0	3
-2012	5.13	2.08	9.50	0	1
-2009	5.13	1.00	10.48	0	1
-2006	5.13	1.00	10.08	0	1
-2003	5.13	2.08	11.74	0	1
-2000	5.13	1.21	5.57	0	1
-1997	7.59	0.00	5.57	0	1
-1994	9.01	10.77	12.35	3	1
-1991	23.54	8.15	1.10	0	1
-1988	7.35	8.15	11.74	0	1
-1985	7.35	11.53	11.74	0	1
-1982	8.12	12.86	11.74	0	1
-1979	9.01	10.77	11.74	0	1
-1976	9.01	7.26	11.74	0	1
-1972	9.01	7.26	12.35	3	1
-1969	9.01	9.34	7.88	0	1
-1966	7.35	5.69	11.50	0	1
-1963	7.35	5.69	9.35	0	1
-1960	7.35	5.69	7.55	0	1
-1957	7.35	5.69	4.97	0	1
-1954	7.35	5.69	4.07	1	1
-1951	9.01	5.69	9.50	0	1
-1948	9.01	5.69	11.74	0	1
-1945	9.01	5.69	7.88	0	1
-1942	9.01	5.69	3.39	0	1
-1939	9.01	5.69	4.07	1	1
-1932	19.45	8.62	12.35	3	1
-1929	19.45	8.62	11.50	0	1
-1926	19.45	9.30	11.74	0	1
-1923	19.45	9.30	10.08	0	1
-1920	19.45	9.30	9.50	0	1
-1917	6.73	5.69	9.35	0	1
-1911	6.73	5.69	11.74	0	1
-1908	19.45	6.45	14.40	0	1

-2153	0.00	9.58	7.05	0	1
-2150	0.00	12.86	7.05	0	1
-2147	5.79	12.86	10.48	0	1
-2144	5.79	12.86	11.50	0	1
-2141	5.79	12.86	6.28	0	1
-2138	5.79	12.86	2.90	0	1
-2135	5.79	12.86	9.35	0	1
-2132	5.79	12.86	4.07	1	1
-2129	6.89	12.86	2.18	0	1
-2126	6.89	12.86	0.00	0	3
-2123	10.92	4.15	7.88	0	1
-2120	10.92	4.15	12.35	3	1
-2117	10.92	4.15	11.50	0	1
-2114	10.92	4.15	5.57	0	1
-2111	10.92	4.15	4.97	0	1
-2108	10.92	4.15	0.00	0	3
-2105	25.15	3.17	10.48	0	1
-2102	9.45	0.00	12.35	3	1
-2099	9.45	0.00	11.50	0	1
-2096	9.45	0.00	3.39	0	1
-2093	9.45	0.00	9.35	0	1
-2090	9.45	0.00	4.07	1	1
-2087	15.72	0.00	12.35	3	1
-2084	15.72	0.00	11.50	0	1
-2081	15.72	0.00	3.39	0	1
-2078	15.72	0.00	9.35	0	1
-2075	15.72	0.00	4.07	1	1
-2072	14.18	2.35	4.07	1	1
-2069	14.18	4.15	3.39	0	1
-2066	14.18	2.35	1.10	0	1
-2063	14.18	4.15	0.00	0	3
-2060	17.94	7.34	6.28	0	1
-2057	7.59	0.00	10.08	0	1
-2054	19.45	9.30	6.28	0	1
-2051	19.45	9.95	6.28	0	1
-2047	19.45	6.85	6.28	0	1
-2042	19.45	6.85	4.97	0	1
-2038	19.45	10.81	4.07	1	1
-2035	19.45	9.18	4.07	1	1
-2032	19.45	9.95	3.39	0	1
-2029	19.45	9.30	2.90	0	1
-2026	19.45	10.81	2.05	0	1
-2023	19.45	9.18	2.05	0	1
-2020	19.45	9.95	1.10	0	1
-2017	19.45	9.30	0.00	0	3
-2014	5.13	2.08	10.48	0	1
-2011	5.13	2.08	9.35	0	1
-2008	5.13	0.00	10.48	0	1
-2005	5.13	0.00	10.08	0	1
-2002	5.13	2.08	12.35	3	1
-1999	5.13	1.21	4.97	0	1
-1996	5.13	1.00	5.57	0	1
-1993	23.54	5.69	1.10	0	1
-1990	20.53	8.15	1.10	0	1
-1987	7.35	9.23	11.74	0	1
-1984	6.89	12.86	11.74	0	1
-1981	7.35	12.86	11.74	0	1
-1978	9.01	7.26	12.20	0	1
-1975	9.01	9.34	11.74	0	1
-1971	9.01	10.77	7.88	0	1
-1968	7.35	5.69	12.35	3	1
-1965	7.35	5.69	12.20	0	1
-1962	7.35	5.69	8.58	2	1
-1959	7.35	5.69	5.57	0	1
-1956	7.35	5.69	1.10	0	1
-1953	7.35	5.69	3.39	0	1
-1950	9.01	5.69	11.50	0	1
-1947	9.01	5.69	9.35	0	1
-1944	9.01	5.69	7.55	0	1
-1941	9.01	5.69	2.90	0	1
-1938	9.01	5.69	1.10	0	1
-1931	19.45	8.62	12.20	0	1
-1928	19.45	9.30	12.35	3	1
-1925	19.45	9.30	11.50	0	1
-1922	19.45	9.30	7.88	0	1
-1919	19.45	9.30	9.35	0	1
-1916	6.73	5.69	9.50	0	1
-1910	6.73	5.69	12.20	0	1
-1907	10.92	6.45	14.40	0	1

-1906	7.35	6.45	14.40	0	1
-1903	20.12	5.69	14.16	0	1
-1900	7.35	7.26	14.14	0	1
-1897	3.87	5.58	14.13	0	1
-1894	19.45	7.34	14.12	0	1
-1891	16.72	7.34	14.12	0	1
-1888	10.92	7.34	14.12	0	1
-1885	19.45	8.15	13.86	0	1
-1882	19.45	9.23	13.51	0	1
-1879	22.06	12.86	12.35	3	1
-1876	19.45	12.86	12.35	3	1
-1873	14.18	12.86	12.35	3	1
-1870	11.87	12.86	12.35	3	1
-1867	9.49	12.86	12.35	3	1
-1864	7.09	12.86	12.35	3	1
-1861	5.13	12.86	12.35	3	1
-1858	0.00	12.86	12.35	3	1
-1855	7.35	11.53	12.35	3	1
-1852	10.92	10.65	12.35	3	1
-1849	19.45	9.95	12.35	3	1
-1846	7.35	9.23	12.35	3	1
-1843	25.15	8.47	12.35	3	1
-1840	25.15	8.15	12.35	3	1
-1837	19.99	8.15	12.35	3	1
-1834	14.18	8.15	12.35	3	1
-1831	17.94	7.34	12.35	3	1
-1828	14.18	7.34	12.35	3	1
-1825	7.35	7.26	12.35	3	1
-1822	19.45	6.85	12.35	3	1
-1819	19.45	6.45	12.35	3	1
-1816	0.00	6.45	12.35	3	1
-1813	23.54	5.69	12.35	3	1
-1810	10.92	5.69	12.35	3	1
-1807	1.05	5.58	12.35	3	1
-1804	5.13	4.58	12.35	3	1
-1801	25.15	3.17	12.35	3	1
-1798	0.00	1.86	12.35	3	1
-1795	5.13	1.00	12.35	3	1
-1792	22.01	0.00	12.35	3	1
-1789	17.63	0.00	12.35	3	1
-1786	13.50	0.00	12.35	3	1
-1783	11.63	0.00	12.35	3	1
-1780	7.59	0.00	12.35	3	1
-1777	3.24	0.00	12.35	3	1
-1774	22.06	12.86	12.20	0	1
-1771	19.45	12.86	12.20	0	1
-1768	14.18	12.86	12.20	0	1
-1765	11.87	12.86	12.20	0	1
-1762	9.49	12.86	12.20	0	1
-1759	7.09	12.86	12.20	0	1
-1756	5.13	12.86	12.20	0	1
-1753	0.00	12.86	12.20	0	1
-1750	7.35	11.53	12.20	0	1
-1747	10.92	10.65	12.20	0	1
-1744	19.45	9.95	12.20	0	1
-1741	7.35	9.23	12.20	0	1
-1738	25.15	8.47	12.20	0	1
-1735	25.15	8.15	12.20	0	1
-1732	19.99	8.15	12.20	0	1
-1729	14.18	8.15	12.20	0	1
-1726	17.94	7.34	12.20	0	1
-1723	14.18	7.34	12.20	0	1
-1720	7.35	7.26	12.20	0	1
-1717	19.45	6.85	12.20	0	1
-1714	19.45	6.45	12.20	0	1
-1711	0.00	6.45	12.20	0	1
-1708	23.54	5.69	12.20	0	1
-1705	10.92	5.69	12.20	0	1
-1702	1.05	5.58	12.20	0	1
-1699	5.13	4.58	12.20	0	1
-1696	25.15	3.17	12.20	0	1
-1693	0.00	1.86	12.20	0	1
-1690	5.13	1.00	12.20	0	1
-1687	22.01	0.00	12.20	0	1
-1684	17.63	0.00	12.20	0	1
-1681	13.50	0.00	12.20	0	1
-1678	11.63	0.00	12.20	0	1
-1675	7.59	0.00	12.20	0	1
-1672	3.24	0.00	12.20	0	1

-1905	5.13	6.45	14.40	0	1
-1902	19.45	5.69	14.16	0	1
-1899	5.13	7.26	14.14	0	1
-1896	1.05	5.58	14.13	0	1
-1893	17.94	7.34	14.12	0	1
-1890	14.18	7.34	14.12	0	1
-1887	20.94	8.15	13.86	0	1
-1884	14.18	8.26	13.81	0	1
-1881	14.18	9.23	13.51	0	1
-1878	20.77	12.86	12.35	3	1
-1875	16.97	12.86	12.35	3	1
-1872	13.52	12.86	12.35	3	1
-1869	11.66	12.86	12.35	3	1
-1866	8.12	12.86	12.35	3	1
-1863	6.89	12.86	12.35	3	1
-1860	4.42	12.86	12.35	3	1
-1857	10.92	11.68	12.35	3	1
-1854	0.00	11.22	12.35	3	1
-1851	7.35	10.21	12.35	3	1
-1848	25.15	9.76	12.35	3	1
-1845	19.45	9.23	12.35	3	1
-1842	19.45	8.33	12.35	3	1
-1839	23.54	8.15	12.35	3	1
-1836	19.45	8.15	12.35	3	1
-1833	0.00	7.94	12.35	3	1
-1830	17.82	7.34	12.35	3	1
-1827	11.82	7.34	12.35	3	1
-1824	5.13	7.26	12.35	3	1
-1821	0.00	6.70	12.35	3	1
-1818	10.92	6.45	12.35	3	1
-1815	5.13	6.24	12.35	3	1
-1812	20.47	5.69	12.35	3	1
-1809	5.13	5.58	12.35	3	1
-1806	0.00	5.58	12.35	3	1
-1803	25.15	4.29	12.35	3	1
-1800	10.92	2.15	12.35	3	1
-1797	5.13	1.21	12.35	3	1
-1794	19.45	1.05	12.35	3	1
-1791	20.71	0.00	12.35	3	1
-1788	16.35	0.00	12.35	3	1
-1785	13.23	0.00	12.35	3	1
-1782	10.92	0.00	12.35	3	1
-1779	5.13	0.00	12.35	3	1
-1776	0.00	0.00	12.35	3	1
-1773	20.77	12.86	12.20	0	1
-1770	16.97	12.86	12.20	0	1
-1767	13.52	12.86	12.20	0	1
-1764	11.66	12.86	12.20	0	1
-1761	8.12	12.86	12.20	0	1
-1758	6.89	12.86	12.20	0	1
-1755	4.42	12.86	12.20	0	1
-1752	10.92	11.68	12.20	0	1
-1749	0.00	11.22	12.20	0	1
-1746	7.35	10.21	12.20	0	1
-1743	25.15	9.76	12.20	0	1
-1740	19.45	9.23	12.20	0	1
-1737	19.45	8.33	12.20	0	1
-1734	23.54	8.15	12.20	0	1
-1731	19.45	8.15	12.20	0	1
-1728	0.00	7.94	12.20	0	1
-1725	17.82	7.34	12.20	0	1
-1722	11.82	7.34	12.20	0	1
-1719	5.13	7.26	12.20	0	1
-1716	0.00	6.70	12.20	0	1
-1713	10.92	6.45	12.20	0	1
-1710	5.13	6.24	12.20	0	1
-1707	20.47	5.69	12.20	0	1
-1704	5.13	5.58	12.20	0	1
-1701	0.00	5.58	12.20	0	1
-1698	25.15	4.29	12.20	0	1
-1695	10.92	2.15	12.20	0	1
-1692	5.13	1.21	12.20	0	1
-1689	19.45	1.05	12.20	0	1
-1686	20.71	0.00	12.20	0	1
-1683	16.35	0.00	12.20	0	1
-1680	13.23	0.00	12.20	0	1
-1677	10.92	0.00	12.20	0	1
-1674	5.13	0.00	12.20	0	1
-1671	0.00	0.00	12.20	0	1

-1904	0.00	6.45	14.40	0	1
-1901	10.92	5.69	14.16	0	1
-1898	5.13	5.58	14.13	0	1
-1895	0.00	5.58	14.13	0	1
-1892	17.82	7.34	14.12	0	1
-1889	11.82	7.34	14.12	0	1
-1886	20.53	8.15	13.86	0	1
-1883	19.45	8.33	13.80	0	1
-1880	25.15	12.86	12.35	3	1
-1877	20.27	12.86	12.35	3	1
-1874	15.72	12.86	12.35	3	1
-1871	13.15	12.86	12.35	3	1
-1868	10.92	12.86	12.35	3	1
-1865	7.35	12.86	12.35	3	1
-1862	6.03	12.86	12.35	3	1
-1859	3.18	12.86	12.35	3	1
-1856	19.45	11.41	12.35	3	1
-1853	19.45	10.81	12.35	3	1
-1850	5.13	10.21	12.35	3	1
-1847	0.00	9.58	12.35	3	1
-1844	14.18	9.30	12.35	3	1
-1841	14.18	8.33	12.35	3	1
-1838	20.53	8.15	12.35	3	1
-1835	7.35	8.15	12.35	3	1
-1832	19.45	7.34	12.35	3	1
-1829	16.72	7.34	12.35	3	1
-1826	10.92	7.34	12.35	3	1
-1823	25.15	7.14	12.35	3	1
-1820	25.15	6.45	12.35	3	1
-1817	5.13	6.45	12.35	3	1
-1814	25.15	5.69	12.35	3	1
-1811	19.45	5.69	12.35	3	1
-1808	3.87	5.58	12.35	3	1
-1805	19.45	5.24	12.35	3	1
-1802	0.00	3.72	12.35	3	1
-1799	19.45	2.10	12.35	3	1
-1796	10.92	1.05	12.35	3	1
-1793	25.15	0.00	12.35	3	1
-1790	19.45	0.00	12.35	3	1
-1787	14.18	0.00	12.35	3	1
-1784	11.90	0.00	12.35	3	1
-1781	8.86	0.00	12.35	3	1
-1778	4.52	0.00	12.35	3	1
-1775	25.15	12.86	12.20	0	1
-1772	20.27	12.86	12.20	0	1
-1769	15.72	12.86	12.20	0	1
-1766	13.15	12.86	12.20	0	1
-1763	10.92	12.86	12.20	0	1
-1760	7.35	12.86	12.20	0	1
-1757	6.03	12.86	12.20	0	1
-1754	3.18	12.86	12.20	0	1
-1751	19.45	11.41	12.20	0	1
-1748	19.45	10.81	12.20	0	1
-1745	5.13	10.21	12.20	0	1
-1742	0.00	9.58	12.20	0	1
-1739	14.18	9.30	12.20	0	1
-1736	14.18	8.33	12.20	0	1
-1733	20.53	8.15	12.20	0	1
-1730	7.35	8.15	12.20	0	1
-1727	19.45	7.34	12.20	0	1
-1724	16.72	7.34	12.20	0	1
-1721	10.92	7.34	12.20	0	1
-1718	25.15	7.14	12.20	0	1
-1715	25.15	6.45	12.20	0	1
-1712	5.13	6.45	12.20	0	1
-1709	25.15	5.69	12.20	0	1
-1706	19.45	5.69	12.20	0	1
-1703	3.87	5.58	12.20	0	1
-1700	19.45	5.24	12.20	0	1
-1697	0.00	3.72	12.20	0	1
-1694	19.45	2.10	12.20	0	1
-1691	10.92	1.05	12.20	0	1
-1688	25.15	0.00	12.20	0	1
-1685	19.45	0.00	12.20	0	1
-1682	14.18	0.00	12.20	0	1
-1679	11.90	0.00	12.20	0	1
-1676	8.86	0.00	12.20	0	1
-1673	4.52	0.00	12.20	0	1
-1670	25.15	12.86	11.74	0	1

-1669	22.06	12.86	11.74	0	1
-1666	19.45	12.86	11.74	0	1
-1663	14.18	12.86	11.74	0	1
-1660	11.87	12.86	11.74	0	1
-1657	9.49	12.86	11.74	0	1
-1654	4.42	12.86	11.74	0	1
-1651	10.92	11.68	11.74	0	1
-1648	19.45	10.81	11.74	0	1
-1645	19.45	9.95	11.74	0	1
-1642	19.45	9.23	11.74	0	1
-1639	19.45	8.33	11.74	0	1
-1636	23.54	8.15	11.74	0	1
-1633	19.45	8.15	11.74	0	1
-1630	19.45	7.34	11.74	0	1
-1627	16.72	7.34	11.74	0	1
-1624	10.92	7.34	11.74	0	1
-1621	19.45	6.85	11.74	0	1
-1618	19.45	6.45	11.74	0	1
-1615	0.00	6.45	11.74	0	1
-1612	23.54	5.69	11.74	0	1
-1609	10.92	5.69	11.74	0	1
-1606	1.05	5.58	11.74	0	1
-1603	5.13	4.58	11.74	0	1
-1600	25.15	3.17	11.74	0	1
-1597	0.00	1.86	11.74	0	1
-1594	5.13	1.00	11.74	0	1
-1591	22.01	0.00	11.74	0	1
-1588	17.63	0.00	11.74	0	1
-1585	13.50	0.00	11.74	0	1
-1582	11.63	0.00	11.74	0	1
-1579	7.59	0.00	11.74	0	1
-1576	3.24	0.00	11.74	0	1
-1573	22.06	12.86	11.50	0	1
-1570	19.45	12.86	11.50	0	1
-1567	14.18	12.86	11.50	0	1
-1564	11.87	12.86	11.50	0	1
-1561	9.49	12.86	11.50	0	1
-1558	7.09	12.86	11.50	0	1
-1555	5.13	12.86	11.50	0	1
-1552	0.00	12.86	11.50	0	1
-1549	7.35	11.53	11.50	0	1
-1546	10.92	10.65	11.50	0	1
-1543	19.45	9.95	11.50	0	1
-1540	7.35	9.23	11.50	0	1
-1537	25.15	8.47	11.50	0	1
-1534	25.15	8.15	11.50	0	1
-1531	19.99	8.15	11.50	0	1
-1528	14.18	8.15	11.50	0	1
-1525	17.94	7.34	11.50	0	1
-1522	14.18	7.34	11.50	0	1
-1519	7.35	7.26	11.50	0	1
-1516	19.45	6.85	11.50	0	1
-1513	19.45	6.45	11.50	0	1
-1510	5.13	6.24	11.50	0	1
-1507	20.47	5.69	11.50	0	1
-1504	5.13	5.58	11.50	0	1
-1501	0.00	5.58	11.50	0	1
-1498	25.15	4.29	11.50	0	1
-1495	10.92	2.15	11.50	0	1
-1492	5.13	1.21	11.50	0	1
-1489	19.45	1.05	11.50	0	1
-1486	20.71	0.00	11.50	0	1
-1483	16.35	0.00	11.50	0	1
-1480	13.23	0.00	11.50	0	1
-1477	10.92	0.00	11.50	0	1
-1474	5.13	0.00	11.50	0	1
-1471	0.00	0.00	11.50	0	1
-1468	20.77	12.86	10.48	0	1
-1465	16.97	12.86	10.48	0	1
-1462	13.52	12.86	10.48	0	1
-1459	11.66	12.86	10.48	0	1
-1456	8.12	12.86	10.48	0	1
-1453	6.89	12.86	10.48	0	1
-1450	4.42	12.86	10.48	0	1
-1447	10.92	11.68	10.48	0	1
-1444	0.00	11.22	10.48	0	1
-1441	7.35	10.21	10.48	0	1
-1438	25.15	9.76	10.48	0	1
-1434	14.18	9.30	10.48	0	1

-1668	20.77	12.86	11.74	0	1
-1665	16.97	12.86	11.74	0	1
-1662	13.52	12.86	11.74	0	1
-1659	11.66	12.86	11.74	0	1
-1656	6.03	12.86	11.74	0	1
-1653	3.18	12.86	11.74	0	1
-1650	19.45	11.41	11.74	0	1
-1647	10.92	10.65	11.74	0	1
-1644	25.15	9.76	11.74	0	1
-1641	14.18	9.30	11.74	0	1
-1638	14.18	8.33	11.74	0	1
-1635	20.53	8.15	11.74	0	1
-1632	14.18	8.15	11.74	0	1
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-1626	14.18	7.34	11.74	0	1
-1623	5.13	7.26	11.74	0	1
-1620	0.00	6.70	11.74	0	1
-1617	10.92	6.45	11.74	0	1
-1614	5.13	6.24	11.74	0	1
-1611	20.47	5.69	11.74	0	1
-1608	5.13	5.58	11.74	0	1
-1605	0.00	5.58	11.74	0	1
-1602	25.15	4.29	11.74	0	1
-1599	10.92	2.15	11.74	0	1
-1596	5.13	1.21	11.74	0	1
-1593	19.45	1.05	11.74	0	1
-1590	20.71	0.00	11.74	0	1
-1587	16.35	0.00	11.74	0	1
-1584	13.23	0.00	11.74	0	1
-1581	10.92	0.00	11.74	0	1
-1578	5.13	0.00	11.74	0	1
-1575	0.00	0.00	11.74	0	1
-1572	20.77	12.86	11.50	0	1
-1569	16.97	12.86	11.50	0	1
-1566	13.52	12.86	11.50	0	1
-1563	11.66	12.86	11.50	0	1
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-1554	4.42	12.86	11.50	0	1
-1551	10.92	11.68	11.50	0	1
-1548	0.00	11.22	11.50	0	1
-1545	7.35	10.21	11.50	0	1
-1542	25.15	9.76	11.50	0	1
-1539	19.45	9.23	11.50	0	1
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-1533	23.54	8.15	11.50	0	1
-1530	19.45	8.15	11.50	0	1
-1527	0.00	7.94	11.50	0	1
-1524	17.82	7.34	11.50	0	1
-1521	11.82	7.34	11.50	0	1
-1518	5.13	7.26	11.50	0	1
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-1512	5.13	6.45	11.50	0	1
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-1506	19.45	5.69	11.50	0	1
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-1491	10.92	1.05	11.50	0	1
-1488	25.15	0.00	11.50	0	1
-1485	19.45	0.00	11.50	0	1
-1482	14.18	0.00	11.50	0	1
-1479	11.90	0.00	11.50	0	1
-1476	8.86	0.00	11.50	0	1
-1473	4.52	0.00	11.50	0	1
-1470	25.15	12.86	10.48	0	1
-1467	20.27	12.86	10.48	0	1
-1464	15.72	12.86	10.48	0	1
-1461	13.15	12.86	10.48	0	1
-1458	10.92	12.86	10.48	0	1
-1455	7.35	12.86	10.48	0	1
-1452	6.03	12.86	10.48	0	1
-1449	3.18	12.86	10.48	0	1
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-1443	19.45	10.81	10.48	0	1
-1440	5.13	10.21	10.48	0	1
-1437	0.00	9.58	10.48	0	1
-1433	25.15	8.47	10.48	0	1

-1667	20.27	12.86	11.74	0	1
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-1658	10.92	12.86	11.74	0	1
-1655	5.13	12.86	11.74	0	1
-1652	0.00	12.86	11.74	0	1
-1649	0.00	11.22	11.74	0	1
-1646	5.13	10.21	11.74	0	1
-1643	0.00	9.58	11.74	0	1
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-1622	25.15	7.14	11.74	0	1
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-1607	3.87	5.58	11.74	0	1
-1604	19.45	5.24	11.74	0	1
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-1598	19.45	2.10	11.74	0	1
-1595	10.92	1.05	11.74	0	1
-1592	25.15	0.00	11.74	0	1
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-1547	19.45	10.81	11.50	0	1
-1544	5.13	10.21	11.50	0	1
-1541	0.00	9.58	11.50	0	1
-1538	14.18	9.30	11.50	0	1
-1535	14.18	8.33	11.50	0	1
-1532	20.53	8.15	11.50	0	1
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-1517	25.15	7.14	11.50	0	1
-1514	25.15	6.45	11.50	0	1
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-1508	23.54	5.69	11.50	0	1
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-1502	1.05	5.58	11.50	0	1
-1499	5.13	4.58	11.50	0	1
-1496	25.15	3.17	11.50	0	1
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-1487	22.01	0.00	11.50	0	1
-1484	17.63	0.00	11.50	0	1
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-1472	3.24	0.00	11.50	0	1
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-1466	19.45	12.86	10.48	0	1
-1463	14.18	12.86	10.48	0	1
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-1454	7.09	12.86	10.48	0	1
-1451	5.13	12.86	10.48	0	1
-1448	0.00	12.86	10.48	0	1
-1445	7.35	11.53	10.48	0	1
-1442	10.92	10.65	10.48	0	1
-1439	19.45	9.95	10.48	0	1
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-1431	14.18	8.33	10.48	0	1
-1428	20.53	8.15	10.48	0	1
-1425	14.18	8.15	10.48	0	1
-1422	17.94	7.34	10.48	0	1
-1419	14.18	7.34	10.48	0	1
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-1404	5.13	4.58	10.48	0	1
-1401	19.45	1.05	10.48	0	1
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-1395	19.45	12.86	10.08	0	1
-1392	14.18	12.86	10.08	0	1
-1389	11.87	12.86	10.08	0	1
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-1371	19.45	9.95	10.08	0	1
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-1349	5.13	5.58	10.08	0	1
-1346	19.45	2.10	10.08	0	1
-1343	19.45	0.00	10.08	0	1
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-1273	3.87	5.58	9.50	0	1
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-1240	25.15	12.86	9.35	0	1
-1237	20.27	12.86	9.35	0	1
-1234	15.72	12.86	9.35	0	1
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-1228	10.92	12.86	9.35	0	1
-1225	7.35	12.86	9.35	0	1
-1222	6.03	12.86	9.35	0	1
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-1213	19.45	10.81	9.35	0	1
-1210	5.13	10.21	9.35	0	1
-1207	0.00	9.58	9.35	0	1
-1203	25.15	8.47	9.35	0	1
-1200	25.15	8.15	9.35	0	1
-1197	19.45	8.15	9.35	0	1
-1194	0.00	7.94	9.35	0	1

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-1427	19.45	8.15	10.48	0	1
-1424	0.00	7.94	10.48	0	1
-1421	17.82	7.34	10.48	0	1
-1418	11.82	7.34	10.48	0	1
-1415	5.13	7.26	10.48	0	1
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-1391	13.52	12.86	10.08	0	1
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-1318	10.92	11.68	9.50	0	1
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-1305	14.18	9.30	9.50	0	1
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-1287	7.35	7.26	9.50	0	1
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-1233	14.18	12.86	9.35	0	1
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-1196	7.35	8.15	9.35	0	1
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-1417	10.92	7.34	10.48	0	1
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-1362	19.45	7.34	10.08	0	1
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-1350	19.45	5.69	10.08	0	1
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-1326	7.35	12.86	9.50	0	1
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-1314	19.45	10.81	9.50	0	1
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-1289	11.82	7.34	9.50	0	1
-1286	5.13	7.26	9.50	0	1
-1283	0.00	6.70	9.50	0	1
-1280	5.13	6.24	9.50	0	1
-1277	20.47	5.69	9.50	0	1
-1274	5.13	5.58	9.50	0	1
-1271	0.00	5.58	9.50	0	1
-1268	25.15	4.29	9.50	0	1
-1265	10.92	2.15	9.50	0	1
-1262	5.13	1.21	9.50	0	1
-1259	19.45	1.05	9.50	0	1
-1256	20.71	0.00	9.50	0	1
-1253	16.35	0.00	9.50	0	1
-1250	13.23	0.00	9.50	0	1
-1247	10.92	0.00	9.50	0	1
-1244	5.13	0.00	9.50	0	1
-1241	0.00	0.00	9.50	0	1
-1238	20.77	12.86	9.35	0	1
-1235	16.97	12.86	9.35	0	1
-1232	13.52	12.86	9.35	0	1
-1229	11.66	12.86	9.35	0	1
-1226	8.12	12.86	9.35	0	1
-1223	6.89	12.86	9.35	0	1
-1220	4.42	12.86	9.35	0	1
-1217	10.92	11.68	9.35	0	1
-1214	0.00	11.22	9.35	0	1
-1211	7.35	10.21	9.35	0	1
-1208	25.15	9.76	9.35	0	1
-1204	14.18	9.30	9.35	0	1
-1201	14.18	8.33	9.35	0	1
-1198	20.53	8.15	9.35	0	1
-1195	14.18	8.15	9.35	0	1
-1192	17.94	7.34	9.35	0	1

-1191	17.82	7.34	9.35	0	1
-1188	11.82	7.34	9.35	0	1
-1185	5.13	7.26	9.35	0	1
-1182	0.00	6.70	9.35	0	1
-1179	5.13	6.24	9.35	0	1
-1176	20.47	5.69	9.35	0	1
-1173	5.13	5.58	9.35	0	1
-1170	0.00	5.58	9.35	0	1
-1167	25.15	4.29	9.35	0	1
-1164	10.92	2.15	9.35	0	1
-1161	5.13	1.21	9.35	0	1
-1158	19.45	1.05	9.35	0	1
-1155	20.71	0.00	9.35	0	1
-1152	16.35	0.00	9.35	0	1
-1149	13.23	0.00	9.35	0	1
-1146	10.92	0.00	9.35	0	1
-1143	5.13	0.00	9.35	0	1
-1140	0.00	0.00	9.35	0	1
-1137	20.77	12.86	8.58	2	1
-1134	16.97	12.86	8.58	2	1
-1131	13.52	12.86	8.58	2	1
-1128	11.66	12.86	8.58	2	1
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-1119	4.42	12.86	8.58	2	1
-1116	10.92	11.68	8.58	2	1
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-1107	19.45	9.95	8.58	2	1
-1104	9.01	9.34	8.58	2	1
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-1092	19.45	8.15	8.58	2	1
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-1044	17.63	0.00	8.58	2	1
-1041	13.50	0.00	8.58	2	1
-1038	11.63	0.00	8.58	2	1
-1035	7.59	0.00	8.58	2	1
-1032	3.24	0.00	8.58	2	1
-1029	22.06	12.86	7.88	0	1
-1026	19.45	12.86	7.88	0	1
-1023	14.18	12.86	7.88	0	1
-1020	11.87	12.86	7.88	0	1
-1017	9.49	12.86	7.88	0	1
-1014	7.09	12.86	7.88	0	1
-1011	5.13	12.86	7.88	0	1
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-1005	7.35	11.53	7.88	0	1
-1002	10.92	10.65	7.88	0	1
-999	19.45	9.95	7.88	0	1
-996	7.35	9.23	7.88	0	1
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-987	23.54	8.15	7.88	0	1
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-1184	25.15	7.14	9.35	0	1
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-1169	19.45	5.24	9.35	0	1
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-1163	19.45	2.10	9.35	0	1
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-1124	7.35	12.86	8.58	2	1
-1121	6.03	12.86	8.58	2	1
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-1115	19.45	11.41	8.58	2	1
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-1103	7.35	9.23	8.58	2	1
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-1088	19.45	7.34	8.58	2	1
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-1082	10.92	7.34	8.58	2	1
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-1073	5.13	6.24	8.58	2	1
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-1064	3.87	5.58	8.58	2	1
-1061	19.45	5.24	8.58	2	1
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-1055	19.45	2.10	8.58	2	1
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-1022	13.52	12.86	7.88	0	1
-1019	11.66	12.86	7.88	0	1
-1016	8.12	12.86	7.88	0	1
-1013	6.89	12.86	7.88	0	1
-1010	4.42	12.86	7.88	0	1
-1007	10.92	11.68	7.88	0	1
-1004	0.00	11.22	7.88	0	1
-1001	7.35	10.21	7.88	0	1
-998	25.15	9.76	7.88	0	1
-995	19.45	9.18	7.88	0	1
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-989	14.18	8.33	7.88	0	1
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-962	10.92	5.69	7.88	0	1
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-1162	0.00	1.86	9.35	0	1
-1159	5.13	1.00	9.35	0	1
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-1153	17.63	0.00	9.35	0	1
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-1099	19.45	8.62	8.58	2	1
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-1084	14.18	7.34	8.58	2	1
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-1036	8.86	0.00	8.58	2	1
-1033	4.52	0.00	8.58	2	1
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-1027	20.27	12.86	7.88	0	1
-1024	15.72	12.86	7.88	0	1
-1021	13.15	12.86	7.88	0	1
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-1015	7.35	12.86	7.88	0	1
-1012	6.03	12.86	7.88	0	1
-1009	3.18	12.86	7.88	0	1
-1006	19.45	11.41	7.88	0	1
-1003	19.45	10.81	7.88	0	1
-1000	5.13	10.21	7.88	0	1
-997	0.00	9.58	7.88	0	1
-994	14.18	9.30	7.88	0	1
-991	25.15	8.47	7.88	0	1
-988	25.15	8.15	7.88	0	1
-985	19.45	8.15	7.88	0	1
-982	0.00	7.94	7.88	0	1
-979	17.82	7.34	7.88	0	1
-976	10.92	7.34	7.88	0	1
-973	25.15	7.14	7.88	0	1
-970	19.45	6.45	7.88	0	1
-967	25.15	5.69	7.88	0	1
-964	19.65	5.69	7.88	0	1
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-958	1.05	5.58	7.88	0	1
-955	5.13	4.58	7.88	0	1

-954	25.15	4.29	7.88	0	1
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-942	22.01	0.00	7.88	0	1
-939	17.63	0.00	7.88	0	1
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-933	11.63	0.00	7.88	0	1
-930	7.59	0.00	7.88	0	1
-927	3.24	0.00	7.88	0	1
-924	22.06	12.86	7.55	0	1
-921	19.45	12.86	7.55	0	1
-918	14.18	12.86	7.55	0	1
-915	11.87	12.86	7.55	0	1
-912	9.49	12.86	7.55	0	1
-909	7.35	12.86	7.55	0	1
-906	6.03	12.86	7.55	0	1
-903	3.18	12.86	7.55	0	1
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-897	19.45	10.81	7.55	0	1
-894	5.13	10.21	7.55	0	1
-891	0.00	9.58	7.55	0	1
-888	14.18	9.30	7.55	0	1
-885	25.15	8.47	7.55	0	1
-882	25.15	8.15	7.55	0	1
-879	19.45	8.15	7.55	0	1
-876	0.00	7.94	7.55	0	1
-873	17.82	7.34	7.55	0	1
-870	10.92	7.34	7.55	0	1
-867	25.15	7.14	7.55	0	1
-864	19.45	6.45	7.55	0	1
-861	25.15	5.69	7.55	0	1
-858	19.65	5.69	7.55	0	1
-855	6.73	5.69	7.55	0	1
-852	1.05	5.58	7.55	0	1
-849	5.13	4.58	7.55	0	1
-846	25.15	3.17	7.55	0	1
-843	5.13	2.08	7.55	0	1
-840	10.92	1.05	7.55	0	1
-837	25.15	0.00	7.55	0	1
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-822	4.52	0.00	7.55	0	1
-819	9.01	10.77	6.33	0	1
-816	25.15	12.86	6.28	0	1
-813	20.27	12.86	6.28	0	1
-810	15.72	12.86	6.28	0	1
-807	13.15	12.86	6.28	0	1
-804	10.92	12.86	6.28	0	1
-801	8.12	12.86	6.28	0	1
-798	6.89	12.86	6.28	0	1
-795	4.42	12.86	6.28	0	1
-792	10.92	11.68	6.28	0	1
-789	0.00	11.22	6.28	0	1
-786	5.13	10.21	6.28	0	1
-783	7.35	9.23	6.28	0	1
-779	25.15	8.15	6.28	0	1
-776	7.35	8.15	6.28	0	1
-773	16.72	7.34	6.28	0	1
-770	7.35	7.26	6.28	0	1
-767	0.00	6.70	6.28	0	1
-764	23.54	5.69	6.28	0	1
-761	19.45	5.69	6.28	0	1
-758	0.00	5.58	6.28	0	1
-755	0.00	3.72	6.28	0	1
-752	0.00	1.86	6.28	0	1
-749	3.24	0.00	6.28	0	1
-746	6.73	5.69	5.57	0	1
-743	10.92	2.15	5.57	0	1
-740	0.00	7.94	4.97	0	1
-737	3.87	5.58	4.97	0	1
-734	0.00	9.58	4.97	0	1
-731	0.00	11.22	4.97	0	1
-728	22.06	12.86	4.97	0	1
-725	19.45	12.86	4.97	0	1
-722	14.18	12.86	4.97	0	1
-719	11.87	12.86	4.97	0	1

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-947	5.13	1.21	7.88	0	1
-944	19.45	1.05	7.88	0	1
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-935	13.23	0.00	7.88	0	1
-932	10.92	0.00	7.88	0	1
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-923	20.77	12.86	7.55	0	1
-920	16.97	12.86	7.55	0	1
-917	13.52	12.86	7.55	0	1
-914	11.66	12.86	7.55	0	1
-911	9.05	12.86	7.55	0	1
-908	7.09	12.86	7.55	0	1
-905	5.13	12.86	7.55	0	1
-902	0.00	12.86	7.55	0	1
-899	7.35	11.53	7.55	0	1
-896	10.92	10.65	7.55	0	1
-893	19.45	9.95	7.55	0	1
-890	7.35	9.23	7.55	0	1
-887	14.18	8.74	7.55	0	1
-884	19.45	8.33	7.55	0	1
-881	23.54	8.15	7.55	0	1
-878	7.35	8.15	7.55	0	1
-875	19.45	7.34	7.55	0	1
-872	16.72	7.34	7.55	0	1
-869	7.35	7.26	7.55	0	1
-866	19.45	6.85	7.55	0	1
-863	0.00	6.45	7.55	0	1
-860	23.54	5.69	7.55	0	1
-857	19.45	5.69	7.55	0	1
-854	5.13	5.58	7.55	0	1
-851	0.00	5.58	7.55	0	1
-848	25.15	4.29	7.55	0	1
-845	10.92	2.15	7.55	0	1
-842	0.00	1.86	7.55	0	1
-839	5.13	1.00	7.55	0	1
-836	22.01	0.00	7.55	0	1
-833	17.63	0.00	7.55	0	1
-830	13.50	0.00	7.55	0	1
-827	11.63	0.00	7.55	0	1
-824	7.59	0.00	7.55	0	1
-821	3.24	0.00	7.55	0	1
-818	9.01	9.34	6.33	0	1
-815	22.06	12.86	6.28	0	1
-812	19.45	12.86	6.28	0	1
-809	14.18	12.86	6.28	0	1
-806	11.87	12.86	6.28	0	1
-803	9.49	12.86	6.28	0	1
-800	7.35	12.86	6.28	0	1
-797	6.03	12.86	6.28	0	1
-794	3.18	12.86	6.28	0	1
-791	19.45	11.41	6.28	0	1
-788	10.92	10.65	6.28	0	1
-785	25.15	9.76	6.28	0	1
-782	14.18	9.30	6.28	0	1
-778	23.54	8.15	6.28	0	1
-775	14.18	8.15	6.28	0	1
-772	14.18	7.34	6.28	0	1
-769	5.13	7.26	6.28	0	1
-766	0.00	6.45	6.28	0	1
-763	20.47	5.69	6.28	0	1
-760	3.87	5.58	6.28	0	1
-757	19.45	5.24	6.28	0	1
-754	25.15	3.17	6.28	0	1
-751	25.15	0.00	6.28	0	1
-748	0.00	0.00	6.28	0	1
-745	5.13	5.58	5.57	0	1
-742	5.13	2.08	5.57	0	1
-739	0.00	6.70	4.97	0	1
-736	1.05	5.58	4.97	0	1
-733	0.00	3.72	4.97	0	1
-730	0.00	1.86	4.97	0	1
-727	20.77	12.86	4.97	0	1
-724	16.97	12.86	4.97	0	1
-721	13.52	12.86	4.97	0	1
-718	11.66	12.86	4.97	0	1

-952	25.15	3.17	7.88	0	1
-949	5.13	2.08	7.88	0	1
-946	10.92	1.05	7.88	0	1
-943	25.15	0.00	7.88	0	1
-940	19.45	0.00	7.88	0	1
-937	14.18	0.00	7.88	0	1
-934	11.90	0.00	7.88	0	1
-931	8.86	0.00	7.88	0	1
-928	4.52	0.00	7.88	0	1
-925	25.15	12.86	7.55	0	1
-922	20.27	12.86	7.55	0	1
-919	15.72	12.86	7.55	0	1
-916	13.15	12.86	7.55	0	1
-913	10.92	12.86	7.55	0	1
-910	8.12	12.86	7.55	0	1
-907	6.89	12.86	7.55	0	1
-904	4.42	12.86	7.55	0	1
-901	10.92	11.68	7.55	0	1
-898	0.00	11.22	7.55	0	1
-895	7.35	10.21	7.55	0	1
-892	25.15	9.76	7.55	0	1
-889	19.45	9.18	7.55	0	1
-886	19.45	8.62	7.55	0	1
-883	14.18	8.33	7.55	0	1
-880	20.53	8.15	7.55	0	1
-877	14.18	8.15	7.55	0	1
-874	17.94	7.34	7.55	0	1
-871	14.18	7.34	7.55	0	1
-868	5.13	7.26	7.55	0	1
-865	0.00	6.70	7.55	0	1
-862	5.13	6.24	7.55	0	1
-859	20.47	5.69	7.55	0	1
-856	10.92	5.69	7.55	0	1
-853	3.87	5.58	7.55	0	1
-850	19.45	5.24	7.55	0	1
-847	0.00	3.72	7.55	0	1
-844	19.45	2.10	7.55	0	1
-841	5.13	1.21	7.55	0	1
-838	19.45	1.05	7.55	0	1
-835	20.71	0.00	7.55	0	1
-832	16.35	0.00	7.55	0	1
-829	13.23	0.00	7.55	0	1
-826	10.92	0.00	7.55	0	1
-823	5.13	0.00	7.55	0	1
-820	0.00	0.00	7.55	0	1
-817	9.01	7.26	6.33	0	1
-814	20.77	12.86	6.28	0	1
-811	16.97	12.86	6.28	0	1
-808	13.52	12.86	6.28	0	1
-805	11.66	12.86	6.28	0	1
-802	9.05	12.86	6.28	0	1
-799	7.09	12.86	6.28	0	1
-796	5.13	12.86	6.28	0	1
-793	0.00	12.86	6.28	0	1
-790	7.35	11.53	6.28	0	1
-787	7.35	10.21	6.28	0	1
-784	0.00	9.58	6.28	0	1
-780	25.15	8.47	6.28	0	1
-777	20.53	8.15	6.28	0	1
-774	0.00	7.94	6.28	0	1
-771	10.92	7.34	6.28	0	1
-768	25.15	7.14	6.28	0	1
-765	25.15	5.69	6.28	0	1
-762	19.65	5.69	6.28	0	1
-759	1.05	5.58	6.28	0	1
-756	25.15	4.29	6.28	0	1
-753	19.45	2.10	6.28	0	1
-750	22.01	0.00	6.28	0	1
-747	10.92	5.69	5.57	0	1
-744	5.13	4.58	5.57	0	1
-741	7.35	10.21	4.97	0	1
-738	0.00	6.45	4.97	0	1
-735	0.00	5.58	4.97	0	1
-732	7.35	11.53	4.97	0	1
-729	25.15	12.86	4.97	0	1
-726	20.27	12.86	4.97	0	1
-723	15.72	12.86	4.97	0	1
-720	13.15	12.86	4.97	0	1
-717	10.92	12.86	4.97	0	1

-716	9.49	12.86	4.97	0	1
-713	7.35	12.86	4.97	0	1
-710	6.03	12.86	4.97	0	1
-707	3.18	12.86	4.97	0	1
-704	19.45	11.41	4.97	0	1
-701	25.15	9.76	4.97	0	1
-698	25.15	8.15	4.97	0	1
-695	7.35	8.15	4.97	0	1
-692	5.13	7.26	4.97	0	1
-689	23.54	5.69	4.97	0	1
-686	19.45	5.69	4.97	0	1
-683	25.15	3.17	4.97	0	1
-680	22.01	0.00	4.97	0	1
-677	5.13	5.58	4.97	0	1
-674	5.13	2.08	4.97	0	1
-671	19.45	1.05	4.97	0	1
-668	17.63	0.00	4.97	0	1
-665	13.50	0.00	4.97	0	1
-662	11.63	0.00	4.97	0	1
-659	7.59	0.00	4.97	0	1
-656	3.24	0.00	4.97	0	1
-652	14.18	8.15	4.97	0	1
-649	25.15	12.86	4.07	1	1
-646	20.27	12.86	4.07	1	1
-643	15.72	12.86	4.07	1	1
-640	13.15	12.86	4.07	1	1
-637	10.92	12.86	4.07	1	1
-634	7.35	12.86	4.07	1	1
-631	6.03	12.86	4.07	1	1
-628	3.18	12.86	4.07	1	1
-625	19.45	11.41	4.07	1	1
-622	9.01	10.77	4.07	1	1
-619	5.13	10.21	4.07	1	1
-616	9.01	9.34	4.07	1	1
-613	14.18	8.33	4.07	1	1
-610	19.45	8.33	4.07	1	1
-607	20.53	8.15	4.07	1	1
-604	7.35	8.15	4.07	1	1
-601	19.45	7.34	4.07	1	1
-598	16.72	7.34	4.07	1	1
-595	9.01	7.26	4.07	1	1
-592	7.35	7.26	4.07	1	1
-589	19.45	6.85	4.07	1	1
-586	5.13	6.24	4.07	1	1
-583	23.54	5.69	4.07	1	1
-580	19.45	5.69	4.07	1	1
-577	15.06	5.69	4.07	1	1
-574	6.73	5.69	4.07	1	1
-571	3.87	5.58	4.07	1	1
-568	19.45	5.24	4.07	1	1
-565	0.00	3.72	4.07	1	1
-562	19.45	2.10	4.07	1	1
-559	5.13	1.21	4.07	1	1
-556	19.45	1.05	4.07	1	1
-553	20.71	0.00	4.07	1	1
-550	16.35	0.00	4.07	1	1
-547	13.23	0.00	4.07	1	1
-544	10.92	0.00	4.07	1	1
-541	5.13	0.00	4.07	1	1
-538	0.00	0.00	4.07	1	1
-535	20.77	12.86	3.40	0	1
-532	25.15	8.47	3.40	0	1
-529	25.15	6.73	3.40	0	1
-526	25.15	4.29	3.40	0	1
-523	16.97	12.86	3.39	0	1
-520	13.52	12.86	3.39	0	1
-517	11.66	12.86	3.39	0	1
-514	8.12	12.86	3.39	0	1
-511	6.89	12.86	3.39	0	1
-508	4.42	12.86	3.39	0	1
-505	10.92	11.68	3.39	0	1
-502	0.00	11.22	3.39	0	1
-499	7.35	10.21	3.39	0	1
-496	9.01	9.34	3.39	0	1
-493	14.18	8.33	3.39	0	1
-490	23.54	8.15	3.39	0	1
-487	19.45	8.15	3.39	0	1
-484	0.00	7.94	3.39	0	1
-481	17.82	7.34	3.39	0	1

-715	9.05	12.86	4.97	0	1
-712	7.09	12.86	4.97	0	1
-709	5.13	12.86	4.97	0	1
-706	0.00	12.86	4.97	0	1
-703	10.92	10.65	4.97	0	1
-700	7.35	9.23	4.97	0	1
-697	23.54	8.15	4.97	0	1
-694	10.92	7.34	4.97	0	1
-691	25.15	7.14	4.97	0	1
-688	20.47	5.69	4.97	0	1
-685	19.45	5.24	4.97	0	1
-682	19.45	2.10	4.97	0	1
-679	10.92	5.69	4.97	0	1
-676	5.13	4.58	4.97	0	1
-673	10.92	1.05	4.97	0	1
-670	20.71	0.00	4.97	0	1
-667	16.35	0.00	4.97	0	1
-664	13.23	0.00	4.97	0	1
-661	10.92	0.00	4.97	0	1
-658	5.13	0.00	4.97	0	1
-655	0.00	0.00	4.97	0	1
-651	16.72	7.34	4.97	0	1
-648	22.06	12.86	4.07	1	1
-645	19.45	12.86	4.07	1	1
-642	14.18	12.86	4.07	1	1
-639	11.87	12.86	4.07	1	1
-636	9.49	12.86	4.07	1	1
-633	7.09	12.86	4.07	1	1
-630	5.13	12.86	4.07	1	1
-627	0.00	12.86	4.07	1	1
-624	7.35	11.53	4.07	1	1
-621	10.92	10.65	4.07	1	1
-618	25.15	9.76	4.07	1	1
-615	7.35	9.23	4.07	1	1
-612	19.45	8.62	4.07	1	1
-609	25.15	8.15	4.07	1	1
-606	19.68	8.15	4.07	1	1
-603	14.18	8.15	4.07	1	1
-600	17.94	7.34	4.07	1	1
-597	14.18	7.34	4.07	1	1
-594	8.56	7.26	4.07	1	1
-591	5.13	7.26	4.07	1	1
-588	0.00	6.70	4.07	1	1
-585	19.45	5.83	4.07	1	1
-582	20.47	5.69	4.07	1	1
-579	19.03	5.69	4.07	1	1
-576	14.18	5.69	4.07	1	1
-573	5.13	5.58	4.07	1	1
-570	1.05	5.58	4.07	1	1
-567	5.13	4.58	4.07	1	1
-564	25.15	3.17	4.07	1	1
-561	5.13	2.08	4.07	1	1
-558	10.92	1.05	4.07	1	1
-555	25.15	0.00	4.07	1	1
-552	19.45	0.00	4.07	1	1
-549	14.18	0.00	4.07	1	1
-546	11.90	0.00	4.07	1	1
-543	8.86	0.00	4.07	1	1
-540	4.52	0.00	4.07	1	1
-537	25.15	12.86	3.40	0	1
-534	20.27	12.86	3.40	0	1
-531	25.15	8.15	3.40	0	1
-528	25.15	6.14	3.40	0	1
-525	25.15	3.17	3.40	0	1
-522	15.72	12.86	3.39	0	1
-519	13.15	12.86	3.39	0	1
-516	10.92	12.86	3.39	0	1
-513	7.35	12.86	3.39	0	1
-510	6.03	12.86	3.39	0	1
-507	3.18	12.86	3.39	0	1
-504	19.45	11.41	3.39	0	1
-501	9.01	10.77	3.39	0	1
-498	5.13	10.21	3.39	0	1
-495	7.35	9.23	3.39	0	1
-492	19.45	8.62	3.39	0	1
-489	20.53	8.15	3.39	0	1
-486	7.35	8.15	3.39	0	1
-483	19.45	7.34	3.39	0	1
-480	16.72	7.34	3.39	0	1

-714	8.12	12.86	4.97	0	1
-711	6.89	12.86	4.97	0	1
-708	4.42	12.86	4.97	0	1
-705	10.92	11.68	4.97	0	1
-702	5.13	10.21	4.97	0	1
-699	25.15	8.47	4.97	0	1
-696	20.53	8.15	4.97	0	1
-693	7.35	7.26	4.97	0	1
-690	25.15	5.69	4.97	0	1
-687	19.65	5.69	4.97	0	1
-684	25.15	4.29	4.97	0	1
-681	25.15	0.00	4.97	0	1
-678	6.73	5.69	4.97	0	1
-675	10.92	2.15	4.97	0	1
-672	5.13	1.00	4.97	0	1
-669	19.45	0.00	4.97	0	1
-666	14.18	0.00	4.97	0	1
-663	11.90	0.00	4.97	0	1
-660	8.86	0.00	4.97	0	1
-657	4.52	0.00	4.97	0	1
-654	14.18	9.30	4.97	0	1
-650	14.18	7.34	4.97	0	1
-647	20.77	12.86	4.07	1	1
-644	16.97	12.86	4.07	1	1
-641	13.52	12.86	4.07	1	1
-638	11.66	12.86	4.07	1	1
-635	8.12	12.86	4.07	1	1
-632	6.89	12.86	4.07	1	1
-629	4.42	12.86	4.07	1	1
-626	10.92	11.68	4.07	1	1
-623	0.00	11.22	4.07	1	1
-620	7.35	10.21	4.07	1	1
-617	0.00	9.58	4.07	1	1
-614	14.18	9.30	4.07	1	1
-611	25.15	8.47	4.07	1	1
-608	23.54	8.15	4.07	1	1
-605	19.45	8.15	4.07	1	1
-602	0.00	7.94	4.07	1	1
-599	17.82	7.34	4.07	1	1
-596	10.92	7.34	4.07	1	1
-593	7.64	7.26	4.07	1	1
-590	25.15	7.14	4.07	1	1
-587	0.00	6.45	4.07	1	1
-584	25.15	5.69	4.07	1	1
-581	19.65	5.69	4.07	1	1
-578	16.18	5.69	4.07	1	1
-575	10.92	5.69	4.07	1	1
-572	4.75	5.58	4.07	1	1
-569	0.00	5.58	4.07	1	1
-566	25.15	4.29	4.07	1	1
-563	10.92	2.15	4.07	1	1
-560	0.00	1.86	4.07	1	1
-557	5.13	1.00	4.07	1	1
-554	22.01	0.00	4.07	1	1
-551	17.63	0.00	4.07	1	1
-548	13.50	0.00	4.07	1	1
-545	11.63	0.00	4.07	1	1
-542	7.59	0.00	4.07	1	1
-539	3.24	0.00	4.07	1	1
-536	22.06	12.86	3.40	0	1
-533	25.15	9.76	3.40	0	1
-530	25.15	7.14	3.40	0	1
-527	25.15	5.69	3.40	0	1
-524	19.45	12.86	3.39	0	1
-521	14.18	12.86	3.39	0	1
-518	11.87	12.86	3.39	0	1
-515	9.49	12.86	3.39	0	1
-512	7.09	12.86	3.39	0	1
-509	5.13	12.86	3.39	0	1
-506	0.00	12.86	3.39	0	1
-503	7.35	11.53	3.39	0	1
-500	10.92	10.65	3.39	0	1
-497	0.00	9.58	3.39	0	1
-494	14.18	9.30	3.39	0	1
-491	19.45	8.33	3.39	0	1
-488	19.68	8.15	3.39	0	1
-485	14.18	8.15	3.39	0	1
-482	17.94	7.34	3.39	0	1
-479	14.18	7.34	3.39	0	1

-478	10.92	7.34	3.39	0	1
-475	7.64	7.26	3.39	0	1
-472	19.45	6.85	3.39	0	1
-469	5.13	6.24	3.39	0	1
-466	20.47	5.69	3.39	0	1
-463	19.03	5.69	3.39	0	1
-460	14.18	5.69	3.39	0	1
-457	5.13	5.58	3.39	0	1
-454	1.05	5.58	3.39	0	1
-451	5.13	4.58	3.39	0	1
-448	19.45	2.10	3.39	0	1
-445	5.13	1.21	3.39	0	1
-442	19.45	1.05	3.39	0	1
-439	20.71	0.00	3.39	0	1
-436	16.35	0.00	3.39	0	1
-433	13.23	0.00	3.39	0	1
-430	10.92	0.00	3.39	0	1
-427	5.13	0.00	3.39	0	1
-424	0.00	0.00	3.39	0	1
-421	25.15	8.15	2.90	0	1
-418	25.15	6.14	2.90	0	1
-415	25.15	3.17	2.90	0	1
-412	20.77	12.86	2.90	0	1
-409	16.97	12.86	2.90	0	1
-406	13.52	12.86	2.90	0	1
-403	9.49	12.86	2.90	0	1
-400	8.12	12.86	2.90	0	1
-397	6.89	12.86	2.90	0	1
-394	4.42	12.86	2.90	0	1
-391	10.92	11.68	2.90	0	1
-388	0.00	11.22	2.90	0	1
-385	7.35	10.21	2.90	0	1
-382	9.01	9.34	2.90	0	1
-379	14.18	8.33	2.90	0	1
-376	23.54	8.15	2.90	0	1
-373	19.45	8.15	2.90	0	1
-370	0.00	7.94	2.90	0	1
-367	17.82	7.34	2.90	0	1
-364	10.92	7.34	2.90	0	1
-361	7.64	7.26	2.90	0	1
-358	19.45	6.85	2.90	0	1
-355	5.13	6.24	2.90	0	1
-352	20.47	5.69	2.90	0	1
-349	19.03	5.69	2.90	0	1
-346	14.18	5.69	2.90	0	1
-343	5.13	5.58	2.90	0	1
-340	0.00	5.58	2.90	0	1
-337	0.00	3.72	2.90	0	1
-333	0.00	1.86	2.90	0	1
-330	5.13	1.00	2.90	0	1
-327	22.01	0.00	2.90	0	1
-324	17.63	0.00	2.90	0	1
-321	13.50	0.00	2.90	0	1
-318	8.86	0.00	2.90	0	1
-315	4.52	0.00	2.90	0	1
-312	11.66	12.86	2.18	0	1
-309	9.05	12.86	2.18	0	1
-306	7.35	12.86	2.18	0	1
-302	4.42	12.86	2.18	0	1
-299	7.35	10.21	2.18	0	1
-296	7.35	8.15	2.18	0	1
-293	5.13	7.26	2.18	0	1
-290	20.77	12.86	2.05	0	1
-287	16.97	12.86	2.05	0	1
-284	13.52	12.86	2.05	0	1
-281	14.18	9.30	2.05	0	1
-278	25.15	8.47	2.05	0	1
-275	23.54	8.15	2.05	0	1
-271	14.18	8.15	2.05	0	1
-268	16.72	7.34	2.05	0	1
-265	19.45	6.85	2.05	0	1
-262	19.45	5.83	2.05	0	1
-259	20.47	5.69	2.05	0	1
-255	16.18	5.69	2.05	0	1
-252	25.15	3.17	2.05	0	1
-249	25.15	0.00	2.05	0	1
-246	19.45	0.00	2.05	0	1
-243	9.01	9.34	2.04	0	1
-240	11.66	12.86	1.64	0	1

-477	9.01	7.26	3.39	0	1
-474	7.35	7.26	3.39	0	1
-471	0.00	6.70	3.39	0	1
-468	19.45	5.83	3.39	0	1
-465	19.65	5.69	3.39	0	1
-462	16.18	5.69	3.39	0	1
-459	10.92	5.69	3.39	0	1
-456	4.75	5.58	3.39	0	1
-453	0.00	5.58	3.39	0	1
-450	0.00	3.72	3.39	0	1
-447	5.13	2.08	3.39	0	1
-444	10.92	1.05	3.39	0	1
-441	25.15	0.00	3.39	0	1
-438	19.45	0.00	3.39	0	1
-435	14.18	0.00	3.39	0	1
-432	11.90	0.00	3.39	0	1
-429	8.86	0.00	3.39	0	1
-426	4.52	0.00	3.39	0	1
-423	25.15	9.76	2.90	0	1
-420	25.15	7.14	2.90	0	1
-417	25.15	5.69	2.90	0	1
-414	25.15	12.86	2.90	0	1
-411	20.27	12.86	2.90	0	1
-408	15.72	12.86	2.90	0	1
-405	11.66	12.86	2.90	0	1
-402	9.05	12.86	2.90	0	1
-399	7.35	12.86	2.90	0	1
-396	6.03	12.86	2.90	0	1
-393	3.18	12.86	2.90	0	1
-390	19.45	11.41	2.90	0	1
-387	9.01	10.77	2.90	0	1
-384	5.13	10.21	2.90	0	1
-381	7.35	9.23	2.90	0	1
-378	19.45	8.62	2.90	0	1
-375	20.53	8.15	2.90	0	1
-372	7.35	8.15	2.90	0	1
-369	19.45	7.34	2.90	0	1
-366	16.72	7.34	2.90	0	1
-363	9.01	7.26	2.90	0	1
-360	7.35	7.26	2.90	0	1
-357	0.00	6.70	2.90	0	1
-354	19.45	5.83	2.90	0	1
-351	19.65	5.69	2.90	0	1
-348	16.18	5.69	2.90	0	1
-345	10.92	5.69	2.90	0	1
-342	4.75	5.58	2.90	0	1
-339	19.45	5.24	2.90	0	1
-335	19.45	2.10	2.90	0	1
-332	5.13	1.21	2.90	0	1
-329	19.45	1.05	2.90	0	1
-326	20.71	0.00	2.90	0	1
-323	16.35	0.00	2.90	0	1
-320	11.63	0.00	2.90	0	1
-317	7.59	0.00	2.90	0	1
-314	3.24	0.00	2.90	0	1
-311	10.92	12.86	2.18	0	1
-308	8.44	12.86	2.18	0	1
-305	7.09	12.86	2.18	0	1
-301	10.92	11.68	2.18	0	1
-298	5.13	10.21	2.18	0	1
-295	7.64	7.26	2.18	0	1
-292	25.15	12.86	2.05	0	1
-289	20.27	12.86	2.05	0	1
-286	15.72	12.86	2.05	0	1
-283	19.45	11.41	2.05	0	1
-280	14.18	8.33	2.05	0	1
-277	19.45	8.33	2.05	0	1
-274	20.53	8.15	2.05	0	1
-270	19.45	7.34	2.05	0	1
-267	14.18	7.34	2.05	0	1
-264	25.15	6.73	2.05	0	1
-261	25.15	5.69	2.05	0	1
-257	19.45	5.69	2.05	0	1
-254	19.45	5.24	2.05	0	1
-251	19.45	2.10	2.05	0	1
-248	22.01	0.00	2.05	0	1
-245	17.63	0.00	2.05	0	1
-242	9.01	7.26	2.04	0	1
-239	10.92	12.86	1.64	0	1

-476	8.56	7.26	3.39	0	1
-473	5.13	7.26	3.39	0	1
-470	0.00	6.45	3.39	0	1
-467	23.54	5.69	3.39	0	1
-464	19.45	5.69	3.39	0	1
-461	15.06	5.69	3.39	0	1
-458	6.73	5.69	3.39	0	1
-455	3.87	5.58	3.39	0	1
-452	19.45	5.24	3.39	0	1
-449	10.92	2.15	3.39	0	1
-446	0.00	1.86	3.39	0	1
-443	5.13	1.00	3.39	0	1
-440	22.01	0.00	3.39	0	1
-437	17.63	0.00	3.39	0	1
-434	13.50	0.00	3.39	0	1
-431	11.63	0.00	3.39	0	1
-428	7.59	0.00	3.39	0	1
-425	3.24	0.00	3.39	0	1
-422	25.15	8.47	2.90	0	1
-419	25.15	6.73	2.90	0	1
-416	25.15	4.29	2.90	0	1
-413	22.06	12.86	2.90	0	1
-410	19.45	12.86	2.90	0	1
-407	14.18	12.86	2.90	0	1
-404	10.92	12.86	2.90	0	1
-401	8.44	12.86	2.90	0	1
-398	7.09	12.86	2.90	0	1
-395	5.13	12.86	2.90	0	1
-392	0.00	12.86	2.90	0	1
-389	7.35	11.53	2.90	0	1
-386	10.92	10.65	2.90	0	1
-383	0.00	9.58	2.90	0	1
-380	14.18	9.30	2.90	0	1
-377	19.45	8.33	2.90	0	1
-374	19.68	8.15	2.90	0	1
-371	14.18	8.15	2.90	0	1
-368	17.94	7.34	2.90	0	1
-365	14.18	7.34	2.90	0	1
-362	8.56	7.26	2.90	0	1
-359	5.13	7.26	2.90	0	1
-356	0.00	6.45	2.90	0	1
-353	23.54	5.69	2.90	0	1
-350	19.45	5.69	2.90	0	1
-347	15.06	5.69	2.90	0	1
-344	6.73	5.69	2.90	0	1
-341	1.05	5.58	2.90	0	1
-338	5.13	4.58	2.90	0	1
-334	5.13	2.08	2.90	0	1
-331	10.92	1.05	2.90	0	1
-328	25.15	0.00	2.90	0	1
-325	19.45	0.00	2.90	0	1
-322	14.18	0.00	2.90	0	1
-319	10.92	0.00	2.90	0	1
-316	5.13	0.00	2.90	0	1
-313	0.00	0.00	2.90	0	1
-310	9.49	12.86	2.18	0	1
-307	8.12	12.86	2.18	0	1
-303	5.13	12.86	2.18	0	1
-300	7.35	11.53	2.18	0	1
-297	7.35	9.23	2.18	0	1
-294	7.35	7.26	2.18	0	1
-291	22.06	12.86	2.05	0	1
-288	19.45	12.86	2.05	0	1
-285	14.18	12.86	2.05	0	1
-282	25.15	9.76	2.05	0	1
-279	19.45	8.62	2.05	0	1
-276	25.15	8.15	2.05	0	1
-272	19.45	8.15	2.05	0	1
-269	17.82	7.34	2.05	0	1
-266	25.15	7.14	2.05	0	1
-263	25.15	6.14	2.05	0	1
-260	23.54	5.69	2.05	0	1
-256	19.03	5.69	2.05	0	1
-253	25.15	4.29	2.05	0	1
-250	19.45	1.05	2.05	0	1
-247	20.71	0.00	2.05	0	1
-244	9.01	10.77	2.04	0	1
-241	8.56	7.26	2.04	0	1
-238	9.49	12.86	1.64	0	1

-237	9.05	12.86	1.64	0	1
-234	7.35	12.86	1.64	0	1
-230	4.42	12.86	1.64	0	1
-227	10.92	10.65	1.64	0	1
-224	7.35	9.23	1.64	0	1
-221	7.64	7.26	1.64	0	1
-218	9.01	10.77	1.10	0	1
-215	8.56	7.26	1.10	0	1
-212	20.77	12.86	1.10	0	1
-209	16.97	12.86	1.10	0	1
-206	13.52	12.86	1.10	0	1
-203	9.49	12.86	1.10	0	1
-200	8.12	12.86	1.10	0	1
-196	5.13	12.86	1.10	0	1
-193	0.00	12.86	1.10	0	1
-190	7.35	11.53	1.10	0	1
-187	7.35	10.21	1.10	0	1
-184	0.00	9.58	1.10	0	1
-181	14.18	8.33	1.10	0	1
-178	19.45	8.33	1.10	0	1
-174	7.35	8.15	1.10	0	1
-171	19.45	7.34	1.10	0	1
-168	14.18	7.34	1.10	0	1
-165	7.35	7.26	1.10	0	1
-162	19.45	6.85	1.10	0	1
-159	0.00	6.45	1.10	0	1
-156	19.45	5.83	1.10	0	1
-152	19.03	5.69	1.10	0	1
-149	14.18	5.69	1.10	0	1
-146	5.13	5.58	1.10	0	1
-143	0.00	5.58	1.10	0	1
-140	25.15	4.29	1.10	0	1
-136	19.45	2.10	1.10	0	1
-133	5.13	1.21	1.10	0	1
-130	19.45	1.05	1.10	0	1
-127	20.71	0.00	1.10	0	1
-124	16.35	0.00	1.10	0	1
-121	11.63	0.00	1.10	0	1
-118	7.59	0.00	1.10	0	1
-115	3.24	0.00	1.10	0	1
-112	9.01	9.34	0.68	0	1
-109	25.15	12.86	0.00	0	3
-106	20.27	12.86	0.00	0	3
-103	15.72	12.86	0.00	0	3
-100	11.66	12.86	0.00	0	3
-97	9.05	12.86	0.00	0	3
-94	7.35	12.86	0.00	0	3
-91	5.13	12.86	0.00	0	3
-88	0.00	12.86	0.00	0	3
-85	7.35	11.53	0.00	0	3
-82	10.92	10.65	0.00	0	3
-79	25.15	9.76	0.00	0	3
-76	7.35	9.23	0.00	0	3
-73	19.45	8.62	0.00	0	3
-70	25.15	8.15	0.00	0	3
-67	19.68	8.15	0.00	0	1
-64	14.18	8.15	0.00	0	3
-61	17.82	7.34	0.00	0	3
-58	10.92	7.34	0.00	0	3
-55	7.64	7.26	0.00	0	3
-52	25.15	7.14	0.00	0	3
-49	0.00	6.70	0.00	0	3
-46	25.15	6.14	0.00	0	3
-43	23.54	5.69	0.00	0	3
-40	19.45	5.69	0.00	0	3
-37	15.06	5.69	0.00	0	3
-34	6.73	5.69	0.00	0	3
-31	1.05	5.58	0.00	0	3
-28	5.13	4.58	0.00	0	3
-25	25.15	3.17	0.00	0	3
-22	5.13	2.08	0.00	0	3
-19	10.92	1.05	0.00	0	3
-16	25.15	0.00	0.00	0	3
-13	19.45	0.00	0.00	0	3
-10	14.18	0.00	0.00	0	3
-7	10.92	0.00	0.00	0	3
-4	5.13	0.00	0.00	0	3
-1	0.00	0.00	0.00	0	3

-236	8.44	12.86	1.64	0	1
-233	7.09	12.86	1.64	0	1
-229	10.92	11.68	1.64	0	1
-226	7.35	10.21	1.64	0	1
-223	7.35	8.15	1.64	0	1
-220	7.35	7.26	1.64	0	1
-217	9.01	9.34	1.10	0	1
-214	25.15	12.86	1.10	0	1
-211	20.27	12.86	1.10	0	1
-208	15.72	12.86	1.10	0	1
-205	11.66	12.86	1.10	0	1
-202	9.05	12.86	1.10	0	1
-199	7.35	12.86	1.10	0	1
-195	4.42	12.86	1.10	0	1
-192	10.92	11.68	1.10	0	1
-189	0.00	11.22	1.10	0	1
-186	5.13	10.21	1.10	0	1
-183	7.35	9.23	1.10	0	1
-180	19.45	8.62	1.10	0	1
-177	25.15	8.15	1.10	0	1
-173	14.18	8.15	1.10	0	1
-170	17.82	7.34	1.10	0	1
-167	10.92	7.34	1.10	0	1
-164	5.13	7.26	1.10	0	1
-161	25.15	6.73	1.10	0	1
-158	5.13	6.24	1.10	0	1
-155	25.15	5.69	1.10	0	1
-151	16.18	5.69	1.10	0	1
-148	10.92	5.69	1.10	0	1
-145	4.75	5.58	1.10	0	1
-142	19.45	5.24	1.10	0	1
-139	0.00	3.72	1.10	0	1
-135	5.13	2.08	1.10	0	1
-132	10.92	1.05	1.10	0	1
-129	25.15	0.00	1.10	0	1
-126	19.45	0.00	1.10	0	1
-123	14.18	0.00	1.10	0	1
-120	10.92	0.00	1.10	0	1
-117	5.13	0.00	1.10	0	1
-114	0.00	0.00	1.10	0	1
-111	9.01	7.26	0.68	0	1
-108	22.06	12.86	0.00	0	3
-105	19.45	12.86	0.00	0	3
-102	14.18	12.86	0.00	0	3
-99	10.92	12.86	0.00	0	3
-96	8.44	12.86	0.00	0	3
-93	7.09	12.86	0.00	0	3
-90	4.42	12.86	0.00	0	3
-87	10.92	11.68	0.00	0	3
-84	0.00	11.22	0.00	0	3
-81	7.35	10.21	0.00	0	3
-78	0.00	9.58	0.00	0	3
-75	14.18	9.30	0.00	0	3
-72	25.15	8.47	0.00	0	3
-69	23.54	8.15	0.00	0	3
-66	19.45	8.15	0.00	0	3
-63	0.00	7.94	0.00	0	3
-60	16.72	7.34	0.00	0	3
-57	9.01	7.26	0.00	0	3
-54	7.35	7.26	0.00	0	3
-51	19.45	6.85	0.00	0	3
-48	0.00	6.45	0.00	0	3
-45	19.45	5.83	0.00	0	3
-42	20.47	5.69	0.00	0	3
-39	19.03	5.69	0.00	0	3
-36	14.18	5.69	0.00	0	3
-33	5.13	5.58	0.00	0	3
-30	0.00	5.58	0.00	0	3
-27	25.15	4.29	0.00	0	3
-24	10.92	2.15	0.00	0	3
-21	0.00	1.86	0.00	0	3
-18	5.13	1.00	0.00	0	3
-15	22.01	0.00	0.00	0	3
-12	17.63	0.00	0.00	0	3
-9	13.50	0.00	0.00	0	3
-6	8.86	0.00	0.00	0	3
-3	4.52	0.00	0.00	0	3

-235	8.12	12.86	1.64	0	1
-231	5.13	12.86	1.64	0	1
-228	7.35	11.53	1.64	0	1
-225	5.13	10.21	1.64	0	1
-222	10.92	7.34	1.64	0	1
-219	5.13	7.26	1.64	0	1
-216	9.01	7.26	1.10	0	1
-213	22.06	12.86	1.10	0	1
-210	19.45	12.86	1.10	0	1
-207	14.18	12.86	1.10	0	1
-204	10.92	12.86	1.10	0	1
-201	8.44	12.86	1.10	0	1
-198	7.09	12.86	1.10	0	1
-194	3.18	12.86	1.10	0	1
-191	19.45	11.41	1.10	0	1
-188	10.92	10.65	1.10	0	1
-185	25.15	9.76	1.10	0	1
-182	14.18	9.30	1.10	0	1
-179	25.15	8.47	1.10	0	1
-175	19.45	8.15	1.10	0	1
-172	0.00	7.94	1.10	0	1
-169	16.72	7.34	1.10	0	1
-166	7.64	7.26	1.10	0	1
-163	25.15	7.14	1.10	0	1
-160	0.00	6.70	1.10	0	1
-157	25.15	6.14	1.10	0	1
-153	19.45	5.69	1.10	0	1
-150	15.06	5.69	1.10	0	1
-147	6.73	5.69	1.10	0	1
-144	1.05	5.58	1.10	0	1
-141	5.13	4.58	1.10	0	1
-138	25.15	3.17	1.10	0	1
-134	0.00	1.86	1.10	0	1
-131	5.13	1.00	1.10	0	1
-128	22.01	0.00	1.10	0	1
-125	17.63	0.00	1.10	0	1
-122	13.50	0.00	1.10	0	1
-119	8.86	0.00	1.10	0	1
-116	4.52	0.00	1.10	0	1
-113	9.01	10.77	0.68	0	1
-110	8.56	7.26	0.68	0	1
-107	20.77	12.86	0.00	0	3
-104	16.97	12.86	0.00	0	3
-101	13.52	12.86	0.00	0	3
-98	9.49	12.86	0.00	0	3
-95	8.12	12.86	0.00	0	3
-92	6.03	12.86	0.00	0	3
-89	3.18	12.86	0.00	0	3
-86	19.45	11.41	0.00	0	3
-83	9.01	10.77	0.00	0	3
-80	5.13	10.21	0.00	0	3
-77	9.01	9.34	0.00	0	3
-74	14.18	8.33	0.00	0	3
-71	19.45	8.33	0.00	0	1
-68	20.53	8.15	0.00	0	3
-65	7.35	8.15	0.00	0	3
-62	19.45	7.34	0.00	0	3
-59	14.18	7.34	0.00	0	3
-56	8.56	7.26	0.00	0	3
-53	5.13	7.26	0.00	0	3
-50	25.15	6.73	0.00	0	3
-47	5.13	6.24	0.00	0	3
-44	25.15	5.69	0.00	0	3
-41	19.65	5.69	0.00	0	3
-38	16.18	5.69	0.00	0	3
-35	10.92	5.69	0.00	0	3
-32	4.75	5.58	0.00	0	3
-29	19.45	5.24	0.00	0	3
-26	0.00	3.72	0.00	0	3
-23	19.45	2.10	0.00	0	3
-20	5.13	1.21	0.00	0	3
-17	19.45	1.05	0.00	0	3
-14	20.71	0.00	0.00	0	3
-11	16.35	0.00	0.00	0	3
-8	11.63	0.00	0.00	0	3
-5	7.59	0.00	0.00	0	3
-2	3.24	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
ν = Coeff. di Poisson
α = Coeff. di dilatazione termica

Mat.	Comm.	P <kN/mc>	E <kN/mq>	G <kN/mq>	ν	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 tab	21	725000.00	241667.00	0.25	5.000000E-06
19	Muratura in pietra Efess LC2 tab diat+iniez	21	1087500.00	362500.00	0.25	5.000000E-06
20	Muratura in pietra Efess LC2 tab diat+iniez+int. rete. fibr.	21	1087500.00	362500.00	0.25	5.000000E-06
21	Muratura in pietra Efess LC2 tab iniez muro confine	21	1087500.00	362500.00	0.25	5.000000E-06
22	Muratura in pietra LC2 tab	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		22	1		
11	Fond 90x145	R	T	C	0.90	1.45		22	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	-560	-538		1		0.00	11	0.00	0.00	0.00	0.00	
0	-538	-539		1		0.00	11	0.00	0.00	0.00	0.00	
0	-565	-560		1		0.00	11	0.00	0.00	0.00	0.00	
0	-539	-540		1		0.00	11	0.00	0.00	0.00	0.00	
0	-569	-565		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1053	-1031		1		0.00	11	0.00	0.00	0.00	0.00	
0	-540	-541		1		0.00	11	0.00	0.00	0.00	0.00	
0	-557	-541		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1031	-1032		1		0.00	11	0.00	0.00	0.00	0.00	
0	-569	-570		1		0.00	11	0.00	0.00	0.00	0.00	
0	-559	-557		1		0.00	11	0.00	0.00	0.00	0.00	
0	-541	-542		1		0.00	11	0.00	0.00	0.00	0.00	
0	-542	-543		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1032	-1033		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1033	-1034		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1050	-1034		1		0.00	11	0.00	0.00	0.00	0.00	
0	-587	-569		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1034	-1035		1		0.00	11	0.00	0.00	0.00	0.00	
0	-588	-587		1		0.00	11	0.00	0.00	0.00	0.00	

0	-602	-588		1		0.00	11	0.00	0.00	0.00	0.00	
0	-570	-571		1		0.00	11	0.00	0.00	0.00	0.00	
0	-571	-572		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1058	-1053		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1062	-1058		1		0.00	11	0.00	0.00	0.00	0.00	
0	-561	-559		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1798	-1776		1		0.00	11	0.00	0.00	0.00	0.00	
0	-623	-617		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1074	-1062		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1052	-1050		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1076	-1074		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1089	-1076		1		0.00	11	0.00	0.00	0.00	0.00	
0	-567	-561		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1816	-1806		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	-543	-2090		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1054	-1052		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1776	-1777		1		0.00	11	0.00	0.00	0.00	0.00	
0	-617	-602		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2090	-544		1		0.00	11	0.00	0.00	0.00	0.00	
0	-573	-567		1		0.00	11	0.00	0.00	0.00	0.00	
0	-572	-573		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1062	-1063		1		0.00	11	0.00	0.00	0.00	0.00	
0	-586	-573		1		0.00	11	0.00	0.00	0.00	0.00	
0	-544	-545		1		0.00	11	0.00	0.00	0.00	0.00	
0	-544	-558		1		0.00	11	0.00	0.00	0.00	0.00	
0	-545	-546		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1777	-1778		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1063	-1064		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2103	-2104		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1036	-2092		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1037	-1051		1		0.00	11	0.00	0.00	0.00	0.00	
0	-591	-586		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1117	-1113		1		0.00	11	0.00	0.00	0.00	0.00	
0	-546	-547		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1035	-1036		1		0.00	11	0.00	0.00	0.00	0.00	
0	-574	-573		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1954	-574		1		0.00	11	0.00	0.00	0.00	0.00	
0	-591	-592		1		0.00	11	0.00	0.00	0.00	0.00	
0	-619	-591		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1939	-1954		1		0.00	11	0.00	0.00	0.00	0.00	
0	-592	-593		1		0.00	11	0.00	0.00	0.00	0.00	
0	-592	-604		1		0.00	11	0.00	0.00	0.00	0.00	
0	-593	-594		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2165	-592		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1802	-1798		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1776	-1895		1		0.00	33	0.00	0.00	0.00	0.00	
0	-1806	-1802		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1806	-1807		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1060	-1054		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1064	-1065		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1807	-1808		1		0.00	11	0.00	0.00	0.00	0.00	
0	-558	-563		1		0.00	11	0.00	0.00	0.00	0.00	
0	-563	-2110		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1778	-1779		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1795	-1779		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1797	-1795		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2002	-1797		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1808	-1809		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	-1779	-1780		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2092	-1037		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1780	-1781		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1105	-1089		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1065	-1060		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1113	-1105		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1073	-1065		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1895	-1904		1		0.00	33	0.00	0.00	0.00	0.00	
0	-1066	-1065		1		0.00	11	0.00	0.00	0.00	0.00	
0	-547	-548		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1809	-1804		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1037	-1038		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1038	-1039		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1146	-1147		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1147	-1148		1		0.00	11	0.00	0.00	0.00	0.00	
0	-627	-623		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1962	-1080		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1804	-2002		1		0.00	11	0.00	0.00	0.00	0.00	
0	-548	-549		1		0.00	11	0.00	0.00	0.00	0.00	

0	-549	-2075		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1160	-1164		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1150	-1151		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2180	-619		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2075	-550		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1039	-1040		1		0.00	11	0.00	0.00	0.00	0.00	
0	-629	-628		1		0.00	11	0.00	0.00	0.00	0.00	
0	-58	-2155		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1781	-2102		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1858	-1904		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1079	-1073		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1041	-1042		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1782	-1783		1		0.00	11	0.00	0.00	0.00	0.00	
0	-392	-393		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1833	-1821		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1858	-1854		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1946	-1962		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2072	-549		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1146	-1160		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1051	-1056		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1148	-1149		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1040	-1041		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1149	-1150		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1954	-592		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1151	-2078		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1939	-595		1		0.00	11	0.00	0.00	0.00	0.00	
0	-594	-595		1		0.00	11	0.00	0.00	0.00	0.00	
0	-595	-596		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1783	-1784		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1784	-1785		1		0.00	11	0.00	0.00	0.00	0.00	
0	-628	-627		1		0.00	11	0.00	0.00	0.00	0.00	
0	-595	-616		1		0.00	11	0.00	0.00	0.00	0.00	
0	-630	-2180		1		0.00	11	0.00	0.00	0.00	0.00	
0	-300	-2165		1		0.00	11	0.00	0.00	0.00	0.00	
0	-616	-622		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1962	-1066		1		0.00	11	0.00	0.00	0.00	0.00	
0	-306	-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	-2159	-624		1		0.00	11	0.00	0.00	0.00	0.00	
0	-633	-632		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1821	-1816		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1895	-1896		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1854	-1847		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1782	-1796		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2150	-2151		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1847	-1833		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1118	-1117		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1042	-2077		1		0.00	11	0.00	0.00	0.00	0.00	
0	-575	-1939		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2102	-1782		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1785	-1786		1		0.00	11	0.00	0.00	0.00	0.00	
0	-604	-615		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1108	-1079		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1859	-1858		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2110	-575		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	-615	-620		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1079	-1080		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1080	-1091		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1946	-1081		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1067	-1946		1		0.00	11	0.00	0.00	0.00	0.00	
0	-630	-629		1		0.00	11	0.00	0.00	0.00	0.00	
0	-307	-306		1		0.00	11	0.00	0.00	0.00	0.00	
0	-308	-307		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2168	-1080		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1815	-1809		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2078	-1152		1		0.00	11	0.00	0.00	0.00	0.00	
0	-575	-596		1		0.00	11	0.00	0.00	0.00	0.00	
0	-635	-634		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1896	-1897		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1817	-1815		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2104	-2075		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1164	-2113		1		0.00	11	0.00	0.00	0.00	0.00	
0	-596	-621		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1080	-1081		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1898	-1779		1		0.00	11	0.00	0.00	0.00	0.00	
0	-550	-551		1		0.00	11	0.00	0.00	0.00	0.00	
0	-632	-631		1		0.00	11	0.00	0.00	0.00	0.00	
0	-634	-633		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1824	-1825		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1782	-1901		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1109	-1108		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1120	-1119		1		0.00	11	0.00	0.00	0.00	0.00	
0	-575	-576		1		0.00	11	0.00	0.00	0.00	0.00	
0	-603	-597		1		0.00	11	0.00	0.00	0.00	0.00	
0	-613	-603		1		0.00	11	0.00	0.00	0.00	0.00	
0	-301	-311		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1809	-1909		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1109	-2161		1		0.00	11	0.00	0.00	0.00	0.00	
0	-577	-576		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1056	-2112		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1786	-1787		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2112	-1067		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1796	-1800		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2077	-1043		1		0.00	11	0.00	0.00	0.00	0.00	
0	-620	-2159		1		0.00	11	0.00	0.00	0.00	0.00	
0	-631	-2132		1		0.00	11	0.00	0.00	0.00	0.00	
0	-576	-2071		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2155	-301		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1800	-2120		1		0.00	11	0.00	0.00	0.00	0.00	
0	-624	-634		1		0.00	11	0.00	0.00	0.00	0.00	
0	-790	-2168		1		0.00	11	0.00	0.00	0.00	0.00	
0	-614	-613		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1081	-1082		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2132	-630		1		0.00	11	0.00	0.00	0.00	0.00	
0	-637	-636		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1103	-1109		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1824	-1817		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1909	-1968		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1850	-1824		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2113	-1174		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1081	-1104		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1067	-1082		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1968	-1825		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2120	-1810		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2182	-1108		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1091	-1103		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1861	-1899		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1835	-1846		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1119	-1118		1		0.00	11	0.00	0.00	0.00	0.00	
0	-551	-552		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1043	-1044		1		0.00	11	0.00	0.00	0.00	0.00	
0	-800	-790		1		0.00	11	0.00	0.00	0.00	0.00	
0	-576	-597		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1825	-1835		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1120	-2182		1		0.00	11	0.00	0.00	0.00	0.00	
0	-596	-788		1		0.00	11	0.00	0.00	0.00	0.00	
0	-556	-562		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2087	-1788		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1187	-1174		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1861	-1860		1		0.00	11	0.00	0.00	0.00	0.00	
0	-553	-554		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1045	-1046		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1789	-1790		1		0.00	11	0.00	0.00	0.00	0.00	
0	-310	-309		1		0.00	11	0.00	0.00	0.00	0.00	
0	-311	-310		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1121	-2134		1		0.00	11	0.00	0.00	0.00	0.00	
0	-596	-597		1		0.00	11	0.00	0.00	0.00	0.00	
0	-577	-578		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1788	-1789		1		0.00	11	0.00	0.00	0.00	0.00	
0	-621	-626		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1082	-1083		1		0.00	11	0.00	0.00	0.00	0.00	
0	-626	-637		1		0.00	11	0.00	0.00	0.00	0.00	
0	-638	-637		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1968	-1952		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1104	-1111		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1082	-1110		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1952	-1972		1		0.00	11	0.00	0.00	0.00	0.00	
0	-801	-800		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2134	-1120		1		0.00	11	0.00	0.00	0.00	0.00	
0	-802	-801		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2176	-1855		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	-1952	-1810		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2172	-1825		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1122	-1121		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1860	-1859		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1972	-1973		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1045	-1049		1		0.00	11	0.00	0.00	0.00	0.00	
0	-803	-802		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2161	-1114		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1114	-1124		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1906	-1900		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1152	-1153		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1445	-2172		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1044	-1045		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1123	-1122		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1124	-1123		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1851	-2176		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1790	-1791		1		0.00	11	0.00	0.00	0.00	0.00	
0	-640	-639		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2197	-1850		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1900	-1865		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1862	-2149		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	-788	-792		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1082	-1442		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1825	-1972		1		0.00	11	0.00	0.00	0.00	0.00	
0	-552	-556		1		0.00	11	0.00	0.00	0.00	0.00	
0	-42	-260		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1153	-1154		1		0.00	11	0.00	0.00	0.00	0.00	
0	-804	-803		1		0.00	11	0.00	0.00	0.00	0.00	
0	-580	-585		1		0.00	11	0.00	0.00	0.00	0.00	
0	-600	-601		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1787	-2087		1		0.00	11	0.00	0.00	0.00	0.00	
0	-641	-640		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1810	-1818		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1972	-1826		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2149	-1861		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1455	-1445		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1864	-1863		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1083	-1084		1		0.00	11	0.00	0.00	0.00	0.00	
0	-605	-610		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1826	-1827		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1901	-1907		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1125	-1124		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1861	-2197		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1973	-1994		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1456	-1455		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1110	-1116		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1826	-1852		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1865	-1864		1		0.00	11	0.00	0.00	0.00	0.00	
0	-552	-553		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1154	-1158		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1866	-1865		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1046	-1047		1		0.00	11	0.00	0.00	0.00	0.00	
0	-792	-804		1		0.00	11	0.00	0.00	0.00	0.00	
0	-568	-580		1		0.00	11	0.00	0.00	0.00	0.00	
0	-580	-579		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1158	-1163		1		0.00	11	0.00	0.00	0.00	0.00	
0	-597	-598		1		0.00	11	0.00	0.00	0.00	0.00	
0	-642	-614		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1846	-1851		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1863	-1862		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1457	-1456		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1855	-1865		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1442	-1447		1		0.00	11	0.00	0.00	0.00	0.00	
0	-562	-568		1		0.00	11	0.00	0.00	0.00	0.00	
0	-579	-578		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1049	-1055		1		0.00	11	0.00	0.00	0.00	0.00	
0	-598	-599		1		0.00	11	0.00	0.00	0.00	0.00	
0	-639	-638		1		0.00	11	0.00	0.00	0.00	0.00	
0	-599	-600		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1090	-1084		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1096	-1090		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1100	-1096		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1818	-1826		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1888	-1868		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1867	-1866		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1047	-1048		1		0.00	11	0.00	0.00	0.00	0.00	
0	-581	-580		1		0.00	11	0.00	0.00	0.00	0.00	
0	-582	-581		1		0.00	11	0.00	0.00	0.00	0.00	
0	-589	-601		1		0.00	11	0.00	0.00	0.00	0.00	
0	-601	-605		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1791	-1792		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1084	-1085		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	-642	-641		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1127	-1126		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1101	-1100		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1827	-1828		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1116	-1127		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1128	-1127		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1458	-1457		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1132	-1101		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1130	-1129		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1447	-1458		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1868	-1867		1		0.00	11	0.00	0.00	0.00	0.00	
0	-554	-555		1		0.00	11	0.00	0.00	0.00	0.00	
0	-585	-589		1		0.00	11	0.00	0.00	0.00	0.00	
0	-606	-605		1		0.00	11	0.00	0.00	0.00	0.00	
0	-610	-612		1		0.00	11	0.00	0.00	0.00	0.00	
0	-606	-607		1		0.00	11	0.00	0.00	0.00	0.00	
0	-612	-2035		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2035	-2036		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	-275	-607		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1907	-1888		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1888	-1889		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1790	-1794		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1852	-1857		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1085	-1086		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1841	-1834		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1844	-1841		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1792	-1793		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1870	-1869		1		0.00	11	0.00	0.00	0.00	0.00	
0	-583	-582		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	-260	-261		1		0.00	11	0.00	0.00	0.00	0.00	
0	-608	-607		1		0.00	11	0.00	0.00	0.00	0.00	
0	-276	-275		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1794	-1799		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1086	-1087		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1834	-1828		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1889	-1890		1		0.00	11	0.00	0.00	0.00	0.00	
0	-263	-264		1		0.00	11	0.00	0.00	0.00	0.00	
0	-264	-266		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1055	-1061		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1163	-1169		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1129	-1128		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1857	-1868		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1061	-1068		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	-1069	-1068		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1068	-1075		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1070	-1069		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1169	-1175		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1075	-1077		1		0.00	11	0.00	0.00	0.00	0.00	
0	-584	-583		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1175	-1181		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1181	-1183		1		0.00	11	0.00	0.00	0.00	0.00	
0	-555	-564		1		0.00	11	0.00	0.00	0.00	0.00	
0	-2038	-625		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	-1087	-1088		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1077	-1088		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1799	-1805		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1048	-1057		1		0.00	11	0.00	0.00	0.00	0.00	
0	-625	-645		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1869	-1868		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1873	-1881		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1088	-1092		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1183	-1193		1		0.00	11	0.00	0.00	0.00	0.00	
0	-643	-642		1		0.00	11	0.00	0.00	0.00	0.00	
0	-644	-643		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1131	-1130		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1132	-1131		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1873	-1844		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1871	-1870		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1873	-1872		1		0.00	11	0.00	0.00	0.00	0.00	
0	-582	-764		1		0.00	11	0.00	0.00	0.00	0.00	
0	-261	-263		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	-1092	-1097		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1071	-1070		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1133	-1132		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1093	-1092		1		0.00	11	0.00	0.00	0.00	0.00	
0	-564	-566		1		0.00	11	0.00	0.00	0.00	0.00	
0	-645	-644		1		0.00	11	0.00	0.00	0.00	0.00	
0	-646	-645		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1134	-1133		1		0.00	11	0.00	0.00	0.00	0.00	
0	-266	-276		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1828	-1829		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1874	-1873		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1099	-1102		1		0.00	11	0.00	0.00	0.00	0.00	
0	-566	-584		1		0.00	11	0.00	0.00	0.00	0.00	
0	-778	-1093		1		0.00	11	0.00	0.00	0.00	0.00	
0	-768	-779		1		0.00	11	0.00	0.00	0.00	0.00	
0	-647	-646		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1097	-1099		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1831	-1832		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1872	-1871		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1070	-1409		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1102	-1918		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1918	-1107		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1107	-1112		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1884	-1890		1		0.00	11	0.00	0.00	0.00	0.00	
0	-609	-608		1		0.00	11	0.00	0.00	0.00	0.00	
0	-590	-609		1		0.00	11	0.00	0.00	0.00	0.00	
0	-609	-611		1		0.00	11	0.00	0.00	0.00	0.00	
0	-611	-618		1		0.00	11	0.00	0.00	0.00	0.00	
0	-618	-649		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1890	-1891		1		0.00	11	0.00	0.00	0.00	0.00	
0	-764	-765		1		0.00	11	0.00	0.00	0.00	0.00	
0	-765	-768		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1790	-1902		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1829	-1830		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1793	-1801		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1094	-1093		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1112	-1115		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1830	-1831		1		0.00	11	0.00	0.00	0.00	0.00	
0	-779	-778		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1891	-1892		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1805	-1811		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1811	-1819		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1812	-1811		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1819	-1822		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1836	-1842		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1813	-1812		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1837	-1836		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1838	-1837		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1057	-1059		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1279	-1285		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1095	-1094		1		0.00	11	0.00	0.00	0.00	0.00	
0	-648	-647		1		0.00	11	0.00	0.00	0.00	0.00	
0	-649	-648		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1822	-1832		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1832	-1836		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1842	-1932		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1814	-1903		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1932	-1845		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1928	-1849		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1072	-1071		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1902	-1908		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1885	-1883		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1059	-1072		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1801	-1803		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1429	-1838		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1135	-1134		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1887	-1886		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1875	-1874		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1409	-1410		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1410	-1414		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1803	-1814		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1098	-1106		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1839	-1838		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1814	-1820		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1115	-1135		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1136	-1135		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1137	-1136		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1893	-1894		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1095	-1098		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1138	-1137		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1892	-1893		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1908	-1894		1		0.00	11	0.00	0.00	0.00	0.00	

0	-1845	-1928		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1894	-1885		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1849	-1853		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1814	-1813		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1853	-1856		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1876	-1875		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1856	-1876		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1078	-1095		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1430	-1429		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1414	-1430		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1820	-1823		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1106	-1139		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1840	-1887		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1840	-1839		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1823	-1840		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1840	-1843		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1139	-1138		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1882	-1876		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1877	-1876		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1878	-1877		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1843	-1848		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1879	-1878		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1848	-1880		1		0.00	11	0.00	0.00	0.00	0.00	
0	-1880	-1879		1		0.00	11	0.00	0.00	0.00	0.00	
402	-1904	-1905	2	1		0.00	44	0.00	0.00	0.00	0.00	
402	-1905	-1906	2	1		0.00	88	0.00	0.00	0.00	0.00	
402	-1906	-1907	2	1		0.00	88	0.00	0.00	0.00	0.00	
402	-1907	-1908	2	1		0.00	88	0.00	0.00	0.00	0.00	
403	-1886	-1885	1	1		0.00	11	0.00	0.00	0.00	0.00	
406	-1905	-1898	1	1		0.00	11	0.00	0.00	0.00	0.00	
409	-1881	-1884	1	1		0.00	11	0.00	0.00	0.00	0.00	
410	-1883	-1882	1	1		0.00	11	0.00	0.00	0.00	0.00	
412	-1793	-1903	3	1		0.00	88	0.00	0.00	0.00	0.00	
412	-1903	-1908	3	1		0.00	88	0.00	0.00	0.00	0.00	
413	-1897	-1898	1	1		0.00	11	0.00	0.00	0.00	0.00	
415	-1887	-1908	3	1		0.00	88	0.00	0.00	0.00	0.00	
415	-1880	-1887	3	1		0.00	88	0.00	0.00	0.00	0.00	
422	-1899	-1905	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	-2088	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-2088	-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	-2073	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
601	-2073	-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
603	-67	-66	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
603	-68	-67	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
603	-69	-68	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
603	-70	-69	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
604	-89	-88	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-90	-89	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-91	-90	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-2130	-91	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-92	-2130	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-2126	-92	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-93	-2126	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-94	-93	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-95	-94	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-96	-95	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-97	-96	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-98	-97	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-99	-98	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-100	-99	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-101	-100	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
604	-102	-101	11	30		0.00	11	-0.15	-0.15	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
605	-21	-1	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-26	-21	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-30	-26	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-48	-30	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-49	-48	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-63	-49	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-78	-63	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-84	-78	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
605	-88	-84	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
606	-18	-4	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-20	-18	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-22	-20	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-28	-22	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-33	-28	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
606	-47	-33	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
606	-53	-47	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
606	-80	-53	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
606	-2178	-80	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
606	-91	-2178	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
607	-54	-65	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-65	-76	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-76	-81	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-81	-2157	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-2157	-85	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
607	-85	-94	6	30		0.00	11	0.06	0.06	0.00	0.00	29350.00
608	-7	-19	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-19	-24	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-24	-2108	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-2108	-35	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-35	-58	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-58	-82	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-82	-87	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
608	-87	-99	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-2065	-10	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-2063	-2065	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-36	-2063	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-59	-36	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-64	-59	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-74	-64	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-75	-74	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
609	-102	-75	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-13	-17	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-17	-23	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-23	-29	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-29	-40	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-40	-45	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-45	-51	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-51	-62	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-62	-66	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-66	-71	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-71	-73	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-73	-2015	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-2015	-2017	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-2017	-2019	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-2019	-2021	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-2021	-86	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
610	-86	-105	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
611	-16	-25	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-25	-27	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-27	-44	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-44	-46	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-46	-50	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-50	-52	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-52	-70	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-70	-72	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-72	-79	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
611	-79	-109	11	30		0.00	11	-0.15	-0.15	0.00	0.00	29350.00
613	-30	-31	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-31	-32	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-32	-33	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-34	-33	6	30		0.00	11	-0.10	-0.20	0.00	0.00	29350.00
613	-1958	-34	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-1937	-1958	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-35	-1937	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-36	-35	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
613	-37	-36	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00

613	-38	-37	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	-0.10	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
614	-53	-54	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-54	-55	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-55	-56	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-56	-57	6	30		0.00	11	0.00	0.00	0.00	0.00	29350.00
614	-57	-58	6	30		0.00	11	0.00	-0.07	0.00	0.00	29350.00
614	-58	-59	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
614	-59	-60	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
614	-60	-61	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
614	-61	-62	6	30		0.00	11	-0.10	-0.10	0.00	0.00	29350.00
616	-57	-77	6	30		0.00	11	-0.07	-0.07	0.00	0.00	29350.00
616	-77	-83	6	30		0.00	11	-0.07	-0.07	0.00	0.00	29350.00
616	-83	-97	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>
7	M 24	F	M	18	13	0.24	
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_nc	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	
73	M 60 (diatoni+iniez+int. rete fibr.)	F	M	20	15	0.60	
74	M 65 (diatoni+iniez+int. rete fibr.)	F	M	20	15	0.65	
75	M 45 (diatoni+iniez+int rete fibr.)	F	M	20	15	0.45	
76	M 60_nc	F	G	18	3	0.60	
77	M 30 sottofinestra (pietra)	F	M	18	13	0.30	
84	M 60 (iniez muro confine)	F	M	21	16	0.60	
85	M 40 (diatoni+iniez+int. rete fibr.)	F	M	20	15	0.40	
86	M 65 (iniez_muro confine)	F	M	21	16	0.65	
87	M 50 (diatoni+iniez+int. rete fibr.)	F	M	20	15	0.50	
88	M 55 (diatoni+iniez+int. rete fibr.)	F	M	20	15	0.55	
90	M 12	F	M	18	13	0.12	
91	M 43 (pietra)	F	M	18	13	0.43	

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 <m>	Dy2 <m>	Kt <kN/mc>	NN
120	74	11	0.00	0.00		-1 -2 -115 -114
120	74	11	0.00	0.00		-3 -4 -117 -116
120	74	11	0.00	0.00		-4 -5 -118 -117
120	74	11	0.00	0.00		-6 -2088 -2089 -119
120	74	11	0.00	0.00		-9 -10 -123 -122
120	74	11	0.00	0.00		-12 -13 -126 -125
120	74	11	0.00	0.00		-15 -16 -129 -128
120	74	11	0.00	0.00		-431 -432 -546 -545
120	74	11	0.00	0.00		-432 -433 -547 -546
120	74	11	0.00	0.00		-433 -434 -548 -547
120	74	11	0.00	0.00		-128 -129 -249 -248
120	74	11	0.00	0.00		-14 -15 -128 -127
120	74	11	0.00	0.00		-122 -123 -322 -321
120	74	11	0.00	0.00		-321 -322 -435 -434
120	74	11	0.00	0.00		-125 -126 -246 -245
120	74	11	0.00	0.00		-324 -325 -438 -437
120	74	11	0.00	0.00		-120 -121 -320 -319
120	74	11	0.00	0.00		-319 -320 -431 -430
120	74	11	0.00	0.00		-13 -14 -127 -126
120	74	11	0.00	0.00		-2088 -7 -120 -2089
120	74	11	0.00	0.00		-327 -328 -441 -440
120	74	11	0.00	0.00		-440 -441 -555 -554
120	74	11	0.00	0.00		-326 -327 -440 -439
120	74	11	0.00	0.00		-439 -440 -554 -553
120	74	11	0.00	0.00		-2095 -319 -430 -2096
120	74	11	0.00	0.00		-2096 -430 -544 -2090
120	74	11	0.00	0.00		-436 -437 -551 -550
120	74	11	0.00	0.00		-323 -324 -437 -436
120	74	11	0.00	0.00		-11 -12 -125 -124
120	74	11	0.00	0.00		-424 -425 -539 -538
120	74	11	0.00	0.00		-426 -427 -541 -540
120	74	11	0.00	0.00		-7 -8 -121 -120
120	74	11	0.00	0.00		-429 -2096 -2090 -543
120	74	11	0.00	0.00		-434 -435 -549 -548
120	74	11	0.00	0.00		-437 -438 -552 -551
120	74	11	0.00	0.00		-114 -115 -314 -313
120	74	11	0.00	0.00		-10 -2073 -2074 -123
120	74	11	0.00	0.00		-116 -117 -316 -315
120	74	11	0.00	0.00		-315 -316 -427 -426
120	74	11	0.00	0.00		-117 -118 -317 -316
120	74	11	0.00	0.00		-316 -317 -428 -427
120	74	11	0.00	0.00		-119 -2089 -2095 -318
120	74	11	0.00	0.00		-318 -2095 -2096 -429
120	74	11	0.00	0.00		-322 -2080 -2081 -435
120	74	11	0.00	0.00		-126 -127 -247 -246
120	74	11	0.00	0.00		-248 -249 -328 -327
120	74	11	0.00	0.00		-2081 -436 -550 -2075
120	74	11	0.00	0.00		-427 -428 -542 -541
120	74	11	0.00	0.00		-2074 -124 -323 -2080
120	74	11	0.00	0.00		-2073 -11 -124 -2074
120	74	11	0.00	0.00		-2089 -120 -319 -2095
120	74	11	0.00	0.00		-246 -247 -326 -325
120	74	11	0.00	0.00		-325 -326 -439 -438
120	74	11	0.00	0.00		-2 -3 -116 -115
120	74	11	0.00	0.00		-314 -315 -426 -425
120	74	11	0.00	0.00		-5 -6 -119 -118
120	74	11	0.00	0.00		-317 -318 -429 -428
120	74	11	0.00	0.00		-245 -246 -325 -324
120	74	11	0.00	0.00		-438 -439 -553 -552
120	74	11	0.00	0.00		-430 -431 -545 -544
120	74	11	0.00	0.00		-435 -2081 -2075 -549
120	74	11	0.00	0.00		-123 -2074 -2080 -322
120	74	11	0.00	0.00		-425 -426 -540 -539
120	74	11	0.00	0.00		-2080 -323 -436 -2081
120	74	11	0.00	0.00		-428 -429 -543 -542
120	74	11	0.00	0.00		-313 -314 -425 -424
121	74	11	0.00	0.00		-266 -276 -421 -420
121	74	11	0.00	0.00		-140 -155 -261 -253
121	74	11	0.00	0.00		-46 -50 -161 -157
121	74	11	0.00	0.00		-157 -161 -264 -263
121	74	11	0.00	0.00		-129 -138 -252 -249
121	74	11	0.00	0.00		-138 -140 -253 -252
121	74	11	0.00	0.00		-526 -527 -584 -566
121	74	11	0.00	0.00		-50 -52 -163 -161

121	74	11	0.00	0.00		-177 -179 -278 -276
121	74	11	0.00	0.00		-70 -72 -179 -177
121	74	11	0.00	0.00		-417 -418 -528 -527
121	74	11	0.00	0.00		-161 -163 -266 -264
121	74	11	0.00	0.00		-155 -157 -263 -261
121	74	11	0.00	0.00		-276 -278 -422 -421
121	74	11	0.00	0.00		-420 -421 -531 -530
121	74	11	0.00	0.00		-44 -46 -157 -155
121	74	11	0.00	0.00		-422 -423 -533 -532
121	74	11	0.00	0.00		-532 -533 -618 -611
121	74	11	0.00	0.00		-185 -214 -292 -282
121	74	11	0.00	0.00		-282 -292 -414 -423
121	74	11	0.00	0.00		-252 -253 -416 -415
121	74	11	0.00	0.00		-263 -264 -419 -418
121	74	11	0.00	0.00		-25 -27 -140 -138
121	74	11	0.00	0.00		-261 -263 -418 -417
121	74	11	0.00	0.00		-418 -419 -529 -528
121	74	11	0.00	0.00		-253 -261 -417 -416
121	74	11	0.00	0.00		-163 -177 -276 -266
121	74	11	0.00	0.00		-421 -422 -532 -531
121	74	11	0.00	0.00		-531 -532 -611 -609
121	74	11	0.00	0.00		-249 -252 -415 -328
121	74	11	0.00	0.00		-416 -417 -527 -526
121	74	11	0.00	0.00		-52 -70 -177 -163
121	74	11	0.00	0.00		-530 -531 -609 -590
121	74	11	0.00	0.00		-79 -109 -214 -185
121	74	11	0.00	0.00		-419 -420 -530 -529
121	74	11	0.00	0.00		-423 -414 -537 -533
121	74	11	0.00	0.00		-72 -79 -185 -179
121	74	11	0.00	0.00		-179 -185 -282 -278
121	74	11	0.00	0.00		-278 -282 -423 -422
121	74	11	0.00	0.00		-27 -44 -155 -140
121	74	11	0.00	0.00		-533 -537 -649 -618
121	74	11	0.00	0.00		-525 -526 -566 -564
121	74	11	0.00	0.00		-264 -266 -420 -419
121	74	11	0.00	0.00		-441 -525 -564 -555
121	74	11	0.00	0.00		-328 -415 -525 -441
121	74	11	0.00	0.00		-16 -25 -138 -129
121	74	11	0.00	0.00		-415 -416 -526 -525
122	74	11	0.00	0.00		-309 -308 -401 -402
122	74	11	0.00	0.00		-310 -309 -402 -403
122	74	11	0.00	0.00		-96 -95 -200 -201
122	74	11	0.00	0.00		-207 -206 -284 -285
122	74	11	0.00	0.00		-407 -406 -520 -521
122	74	11	0.00	0.00		-521 -520 -641 -642
122	74	11	0.00	0.00		-203 -202 -237 -238
122	74	11	0.00	0.00		-2126 -92 -2177 -2127
122	74	11	0.00	0.00		-404 -403 -515 -516
122	63	11	0.00	0.00		-508 -507 -628 -629
122	74	11	0.00	0.00		-99 -98 -203 -204
122	74	11	0.00	0.00		-235 -234 -306 -307
122	74	11	0.00	0.00		-307 -306 -399 -400
122	74	11	0.00	0.00		-289 -288 -410 -411
122	74	11	0.00	0.00		-240 -239 -311 -312
122	74	11	0.00	0.00		-312 -311 -404 -405
122	74	11	0.00	0.00		-286 -285 -407 -408
122	86	11	0.00	0.00		-393 -392 -506 -507
122	74	11	0.00	0.00		-400 -399 -513 -514
122	74	11	0.00	0.00		-303 -302 -394 -395
122	74	11	0.00	0.00		-239 -238 -310 -311
122	74	11	0.00	0.00		-513 -512 -633 -634
122	74	11	0.00	0.00		-285 -284 -406 -407
122	86	11	0.00	0.00		-194 -193 -392 -393
122	74	11	0.00	0.00		-93 -2126 -2127 -198
122	74	11	0.00	0.00		-109 -108 -213 -214
122	74	11	0.00	0.00		-107 -106 -211 -212
122	74	11	0.00	0.00		-103 -102 -207 -208
122	74	11	0.00	0.00		-100 -99 -204 -205
122	74	11	0.00	0.00		-196 -195 -230 -231
122	74	11	0.00	0.00		-395 -394 -508 -509
122	74	11	0.00	0.00		-237 -236 -308 -309
122	86	11	0.00	0.00		-89 -88 -193 -194
122	74	11	0.00	0.00		-509 -508 -629 -630
122	74	11	0.00	0.00		-204 -203 -238 -239
122	74	11	0.00	0.00		-516 -515 -636 -637
122	74	11	0.00	0.00		-104 -103 -208 -209
122	74	11	0.00	0.00		-308 -307 -400 -401
122	74	11	0.00	0.00		-290 -289 -411 -412
122	74	11	0.00	0.00		-199 -198 -233 -234

122	74	11	0.00	0.00		-413 -412 -535 -536
122	74	11	0.00	0.00		-2139 -509 -630 -2132
122	74	11	0.00	0.00		-2137 -231 -303 -2140
122	74	11	0.00	0.00		-214 -213 -291 -292
122	74	11	0.00	0.00		-97 -96 -201 -202
122	74	11	0.00	0.00		-524 -523 -644 -645
122	74	11	0.00	0.00		-410 -409 -523 -524
122	74	11	0.00	0.00		-201 -200 -235 -236
122	74	11	0.00	0.00		-98 -97 -202 -203
122	74	11	0.00	0.00		-231 -230 -302 -303
122	74	11	0.00	0.00		-95 -94 -199 -200
122	74	11	0.00	0.00		-102 -101 -206 -207
122	74	11	0.00	0.00		-409 -408 -522 -523
122	74	11	0.00	0.00		-399 -398 -512 -513
122	74	11	0.00	0.00		-306 -305 -398 -399
122	63	11	0.00	0.00		-90 -89 -194 -195
122	74	11	0.00	0.00		-234 -233 -305 -306
122	63	11	0.00	0.00		-394 -393 -507 -508
122	74	11	0.00	0.00		-236 -235 -307 -308
122	74	11	0.00	0.00		-520 -519 -640 -641
122	74	11	0.00	0.00		-519 -518 -639 -640
122	74	11	0.00	0.00		-518 -517 -638 -639
122	74	11	0.00	0.00		-91 -90 -195 -196
122	74	11	0.00	0.00		-398 -397 -511 -512
122	74	11	0.00	0.00		-397 -396 -510 -511
122	74	11	0.00	0.00		-511 -510 -631 -632
122	74	11	0.00	0.00		-512 -511 -632 -633
122	74	11	0.00	0.00		-106 -105 -210 -211
122	74	11	0.00	0.00		-537 -536 -648 -649
122	74	11	0.00	0.00		-105 -104 -209 -210
122	74	11	0.00	0.00		-2138 -395 -509 -2139
122	74	11	0.00	0.00		-311 -310 -403 -404
122	74	11	0.00	0.00		-534 -524 -645 -646
122	74	11	0.00	0.00		-205 -204 -239 -240
122	74	11	0.00	0.00		-523 -522 -643 -644
122	74	11	0.00	0.00		-2140 -303 -395 -2138
122	74	11	0.00	0.00		-292 -291 -413 -414
122	74	11	0.00	0.00		-288 -287 -409 -410
122	74	11	0.00	0.00		-210 -209 -287 -288
122	74	11	0.00	0.00		-198 -2127 -2128 -233
122	74	11	0.00	0.00		-233 -2128 -2129 -305
122	86	11	0.00	0.00		-507 -506 -627 -628
122	74	11	0.00	0.00		-212 -211 -289 -290
122	74	11	0.00	0.00		-412 -411 -534 -535
122	74	11	0.00	0.00		-535 -534 -646 -647
122	74	11	0.00	0.00		-208 -207 -285 -286
122	74	11	0.00	0.00		-2131 -196 -231 -2137
122	74	11	0.00	0.00		-411 -410 -524 -534
122	74	11	0.00	0.00		-408 -407 -521 -522
122	74	11	0.00	0.00		-94 -93 -198 -199
122	74	11	0.00	0.00		-517 -516 -637 -638
122	74	11	0.00	0.00		-238 -237 -309 -310
122	74	11	0.00	0.00		-396 -2138 -2139 -510
122	74	11	0.00	0.00		-510 -2139 -2132 -631
122	74	11	0.00	0.00		-211 -210 -288 -289
122	74	11	0.00	0.00		-514 -513 -634 -635
122	74	11	0.00	0.00		-305 -2129 -397 -398
122	74	11	0.00	0.00		-2130 -91 -196 -2131
122	74	11	0.00	0.00		-522 -521 -642 -643
122	74	11	0.00	0.00		-414 -413 -536 -537
122	74	11	0.00	0.00		-92 -2130 -2131 -2177
122	74	11	0.00	0.00		-536 -535 -647 -648
122	74	11	0.00	0.00		-200 -199 -234 -235
122	74	11	0.00	0.00		-405 -404 -516 -517
123	75	11	0.00	0.00		-58 -82 -188 -167
123	68	11	0.00	0.00		-430 -444 -558 -544
123	75	11	0.00	0.00		-82 -87 -192 -188
123	75	11	0.00	0.00		-87 -99 -204 -192
123	75	11	0.00	0.00		-505 -516 -637 -626
123	75	11	0.00	0.00		-192 -204 -239 -229
123	68	11	0.00	0.00		-449 -2122 -2110 -563
123	75	11	0.00	0.00		-364 -386 -500 -478
123	68	11	0.00	0.00		-2109 -148 -345 -2121
123	68	11	0.00	0.00		-2124 -2121 -2122 -449
123	75	11	0.00	0.00		-188 -192 -229 -227
123	75	11	0.00	0.00		-227 -229 -301 -2155
123	68	11	0.00	0.00		-120 -132 -331 -319
123	75	11	0.00	0.00		-386 -391 -505 -500
123	68	11	0.00	0.00		-319 -331 -444 -430

123	66	11	0.00	0.00		-19 -24 -2125 -132
123	68	11	0.00	0.00		-2121 -345 -459 -2122
123	66	11	0.00	0.00		-132 -2125 -2124 -331
123	68	11	0.00	0.00		-7 -19 -132 -120
123	68	11	0.00	0.00		-24 -2108 -2109 -2125
123	75	11	0.00	0.00		-167 -188 -227 -222
123	68	11	0.00	0.00		-2108 -35 -148 -2109
123	75	11	0.00	0.00		-2156 -2155 -386 -364
123	75	11	0.00	0.00		-301 -311 -404 -391
123	66	11	0.00	0.00		-331 -2124 -449 -444
123	68	11	0.00	0.00		-2122 -459 -575 -2110
123	75	11	0.00	0.00		-391 -404 -516 -505
123	68	33	0.00	0.00		-478 -459 -575 -596
123	75	11	0.00	0.00		-222 -227 -2155 -2156
123	75	11	0.00	0.00		-478 -500 -621 -596
123	68	11	0.00	0.00		-2125 -2109 -2121 -2124
123	75	11	0.00	0.00		-229 -239 -311 -301
123	68	11	0.00	0.00		-444 -449 -563 -558
123	75	11	0.00	0.00		-2155 -301 -391 -386
123	75	11	0.00	0.00		-500 -505 -626 -621
124	73	11	0.00	0.00		-78 -63 -172 -184
124	73	11	0.00	0.00		-193 -189 -388 -392
124	73	11	0.00	0.00		-184 -172 -370 -383
124	73	11	0.00	0.00		-388 -383 -497 -502
124	73	11	0.00	0.00		-502 -497 -617 -623
124	73	11	0.00	0.00		-392 -388 -502 -506
124	73	11	0.00	0.00		-383 -370 -484 -497
124	73	11	0.00	0.00		-88 -84 -189 -193
124	73	11	0.00	0.00		-189 -184 -383 -388
124	73	11	0.00	0.00		-84 -78 -184 -189
124	73	11	0.00	0.00		-506 -502 -623 -627
124	73	11	0.00	0.00		-497 -484 -602 -617
125	73	11	0.00	0.00		-357 -356 -470 -471
125	73	11	0.00	0.00		-159 -143 -340 -356
125	73	11	0.00	0.00		-143 -139 -337 -340
125	73	11	0.00	0.00		-453 -450 -565 -569
125	73	11	0.00	0.00		-30 -26 -139 -143
125	73	11	0.00	0.00		-450 -446 -560 -565
125	73	11	0.00	0.00		-356 -340 -453 -470
125	73	11	0.00	0.00		-134 -114 -313 -333
125	73	11	0.00	0.00		-471 -470 -587 -588
125	73	11	0.00	0.00		-337 -333 -446 -450
125	73	11	0.00	0.00		-139 -134 -333 -337
125	73	11	0.00	0.00		-26 -21 -134 -139
125	73	11	0.00	0.00		-49 -48 -159 -160
125	73	11	0.00	0.00		-21 -1 -114 -134
125	73	11	0.00	0.00		-333 -313 -424 -446
125	73	11	0.00	0.00		-340 -337 -450 -453
125	73	11	0.00	0.00		-160 -159 -356 -357
125	73	11	0.00	0.00		-470 -453 -569 -587
125	73	11	0.00	0.00		-446 -424 -538 -560
125	73	11	0.00	0.00		-48 -30 -143 -159
126	75	11	0.00	0.00		-469 -457 -573 -586
126	64	11	0.00	0.00		-2179 -186 -225 -2185
126	68	11	0.00	0.00		-22 -20 -133 -135
126	64	11	0.00	0.00		-2188 -498 -619 -2180
126	75	11	0.00	0.00		-158 -146 -343 -355
126	64	11	0.00	0.00		-2186 -298 -384 -2187
126	68	11	0.00	0.00		-133 -131 -330 -332
126	64	11	0.00	0.00		-395 -2187 -2188 -509
126	68	11	0.00	0.00		-28 -22 -135 -141
126	68	11	0.00	0.00		-135 -133 -332 -334
126	68	11	0.00	0.00		-146 -141 -338 -343
126	64	11	0.00	0.00		-498 -473 -591 -619
126	64	11	0.00	0.00		-2187 -384 -498 -2188
126	68	11	0.00	0.00		-332 -330 -443 -445
126	64	11	0.00	0.00		-2185 -225 -298 -2186
126	64	11	0.00	0.00		-509 -2188 -2180 -630
126	68	11	0.00	0.00		-330 -316 -427 -443
126	68	11	0.00	0.00		-445 -443 -557 -559
126	64	11	0.00	0.00		-80 -53 -164 -186
126	64	11	0.00	0.00		-384 -359 -473 -498
126	64	11	0.00	0.00		-298 -293 -359 -384
126	68	11	0.00	0.00		-443 -427 -541 -557
126	68	11	0.00	0.00		-20 -18 -131 -133
126	68	11	0.00	0.00		-457 -451 -567 -573
126	68	11	0.00	0.00		-141 -135 -334 -338
126	64	11	0.00	0.00		-2178 -80 -186 -2179
126	68	11	0.00	0.00		-18 -4 -117 -131

126	68	11	0.00	0.00		-447 -445 -559 -561
126	68	11	0.00	0.00		-334 -332 -445 -447
126	75	11	0.00	0.00		-355 -343 -457 -469
126	64	11	0.00	0.00		-225 -219 -293 -298
126	75	11	0.00	0.00		-473 -469 -586 -591
126	64	11	0.00	0.00		-231 -2185 -2186 -303
126	68	11	0.00	0.00		-338 -334 -447 -451
126	68	11	0.00	0.00		-33 -28 -141 -146
126	64	11	0.00	0.00		-196 -2179 -2185 -231
126	68	11	0.00	0.00		-343 -338 -451 -457
126	64	11	0.00	0.00		-91 -2178 -2179 -196
126	64	11	0.00	0.00		-303 -2186 -2187 -395
126	75	11	0.00	0.00		-47 -33 -146 -158
126	64	11	0.00	0.00		-186 -164 -219 -225
126	68	11	0.00	0.00		-451 -447 -561 -567
126	68	11	0.00	0.00		-131 -117 -316 -330
127	75	11	0.00	0.00		-30 -31 -144 -143
127	75	11	0.00	0.00		-145 -146 -343 -342
127	75	11	0.00	0.00		-454 -455 -571 -570
127	75	11	0.00	0.00		-453 -454 -570 -569
127	75	11	0.00	0.00		-456 -457 -573 -572
127	75	11	0.00	0.00		-455 -456 -572 -571
127	75	11	0.00	0.00		-342 -343 -457 -456
127	75	11	0.00	0.00		-143 -144 -341 -340
127	75	11	0.00	0.00		-340 -341 -454 -453
127	75	11	0.00	0.00		-32 -33 -146 -145
128	68	11	0.00	0.00		-1942 -1953 -1954 -1939
128	85	11	0.04	0.04		-462 -461 -577 -578
128	68	11	0.00	0.00		-527 -467 -583 -584
128	85	11	0.04	0.04		-348 -347 -461 -462
128	68	11	0.00	0.00		-148 -1938 -1941 -345
128	85	11	0.04	0.04		-153 -152 -256 -257
128	68	11	0.00	0.00		-467 -466 -582 -583
128	68	11	0.00	0.00		-352 -351 -465 -466
128	85	11	0.04	0.04		-464 -463 -579 -580
128	85	11	0.04	0.04		-350 -349 -463 -464
128	68	11	0.00	0.00		-1958 -34 -147 -1956
128	85	11	0.04	0.04		-463 -462 -578 -579
128	68	11	0.00	0.00		-466 -465 -581 -582
128	68	11	0.00	0.00		-155 -1993 -260 -261
128	85	11	0.04	0.04		-150 -149 -346 -347
128	85	11	0.04	0.04		-347 -346 -460 -461
128	68	11	0.00	0.00		-1956 -147 -344 -1955
128	68	11	0.00	0.00		-1993 -1992 -259 -260
128	68	11	0.00	0.00		-459 -1942 -1939 -575
128	68	11	0.00	0.00		-1937 -1958 -1956 -1938
128	66	11	0.04	0.04		-460 -459 -575 -576
128	68	11	0.00	0.00		-417 -353 -467 -527
128	68	11	0.00	0.00		-1941 -1955 -1953 -1942
128	85	11	0.04	0.04		-40 -39 -152 -153
128	85	11	0.04	0.04		-349 -348 -462 -463
128	85	11	0.04	0.04		-257 -256 -349 -350
128	68	11	0.00	0.00		-261 -260 -353 -417
128	85	11	0.04	0.04		-461 -460 -576 -577
128	68	11	0.00	0.00		-353 -352 -466 -467
128	68	11	0.00	0.00		-43 -42 -1992 -1993
128	68	11	0.00	0.00		-351 -350 -464 -465
128	68	11	0.00	0.00		-1955 -344 -458 -1953
128	68	11	0.00	0.00		-260 -259 -352 -353
128	68	11	0.00	0.00		-1953 -458 -574 -1954
128	85	11	0.04	0.04		-152 -151 -255 -256
128	68	11	0.00	0.00		-44 -43 -1993 -155
128	68	11	0.00	0.00		-345 -1941 -1942 -459
128	68	11	0.00	0.00		-1938 -1956 -1955 -1941
128	85	11	0.04	0.04		-37 -36 -149 -150
128	85	11	0.04	0.04		-256 -255 -348 -349
128	85	11	0.04	0.04		-39 -38 -151 -152
128	68	11	0.00	0.00		-35 -1937 -1938 -148
128	68	11	0.00	0.00		-465 -464 -580 -581
129	68	11	0.00	0.00		-293 -294 -360 -359
129	68	11	0.00	0.00		-53 -54 -165 -164
129	68	11	0.00	0.00		-473 -474 -592 -591
129	68	11	0.00	0.00		-359 -360 -474 -473
129	68	11	0.00	0.00		-164 -165 -220 -219
129	68	11	0.00	0.00		-219 -220 -294 -293
130	91	11	0.00	0.00		-2064 -2066 -2068 -2067
130	91	11	0.00	0.00		-346 -2067 -2069 -460
130	75	11	0.00	0.00		-271 -267 -365 -371
130	91	11	0.00	0.00		-2069 -2070 -2072 -2071

130	91	11	0.00	0.00		-2068 -322 -435 -2070
130	91	11	0.00	0.00		-460 -2069 -2071 -576
130	91	11	0.00	0.00		-2066 -123 -322 -2068
130	91	11	0.00	0.00		-2065 -10 -123 -2066
130	91	11	0.00	0.00		-149 -2064 -2067 -346
130	75	11	0.00	0.00		-64 -59 -168 -173
130	91	11	0.00	0.00		-2067 -2068 -2070 -2069
130	91	11	0.00	0.00		-2070 -435 -549 -2072
130	65	11	0.00	0.00		-479 -460 -576 -597
130	91	11	0.00	0.00		-2063 -2065 -2066 -2064
130	75	11	0.00	0.00		-173 -168 -267 -271
130	75	11	0.00	0.00		-485 -479 -597 -603
130	91	11	0.00	0.00		-36 -2063 -2064 -149
130	75	11	0.00	0.00		-371 -365 -479 -485
131	68	11	0.00	0.00		-521 -494 -614 -642
131	68	11	0.00	0.00		-207 -182 -281 -285
131	68	11	0.00	0.00		-102 -75 -182 -207
131	68	11	0.00	0.00		-285 -281 -380 -407
131	68	11	0.00	0.00		-407 -380 -494 -521
132	75	11	0.00	0.00		-168 -169 -268 -267
132	68	11	0.00	0.00		-368 -369 -483 -482
132	68	11	0.00	0.00		-480 -481 -599 -598
132	68	11	0.00	0.00		-481 -482 -600 -599
132	68	11	0.00	0.00		-60 -61 -170 -169
132	75	11	0.00	0.00		-365 -366 -480 -479
132	75	11	0.00	0.00		-59 -60 -169 -168
132	68	11	0.00	0.00		-366 -367 -481 -480
132	68	11	0.00	0.00		-268 -269 -367 -366
132	68	11	0.00	0.00		-482 -483 -601 -600
132	68	11	0.00	0.00		-367 -368 -482 -481
132	75	11	0.00	0.00		-267 -268 -366 -365
132	68	11	0.00	0.00		-169 -170 -269 -268
132	75	11	0.00	0.00		-479 -480 -598 -597
132	68	11	0.00	0.00		-478 -479 -597 -596
133	75	11	0.00	0.00		-472 -483 -601 -589
133	68	11	0.00	0.00		-23 -29 -142 -136
133	75	11	0.00	0.00		-483 -487 -605 -601
133	75	11	0.00	0.00		-270 -272 -373 -369
133	75	11	0.00	0.00		-265 -270 -369 -358
133	68	11	0.00	0.00		-40 -45 -156 -153
133	75	11	0.00	0.00		-358 -369 -483 -472
133	68	11	0.00	0.00		-251 -254 -339 -335
133	68	11	0.00	0.00		-29 -40 -153 -142
133	68	11	0.00	0.00		-335 -339 -452 -448
133	75	11	0.00	0.00		-171 -175 -272 -270
133	68	11	0.00	0.00		-153 -156 -262 -257
133	68	11	0.00	0.00		-339 -350 -464 -452
133	75	11	0.00	0.00		-162 -171 -270 -265
133	68	11	0.00	0.00		-136 -142 -254 -251
133	75	11	0.00	0.00		-62 -66 -175 -171
133	75	11	0.00	0.00		-51 -62 -171 -162
133	68	11	0.00	0.00		-452 -464 -580 -568
133	68	11	0.00	0.00		-257 -262 -354 -350
133	68	11	0.00	0.00		-464 -468 -585 -580
133	68	11	0.00	0.00		-254 -257 -350 -339
133	68	11	0.00	0.00		-142 -153 -257 -254
133	68	11	0.00	0.00		-468 -472 -589 -585
133	75	11	0.00	0.00		-369 -373 -487 -483
133	68	11	0.00	0.00		-448 -452 -568 -562
133	68	11	0.00	0.00		-350 -354 -468 -464
134	68	11	0.00	0.00		-2020 -2022 -2026 -2025
134	68	11	0.00	0.00		-2017 -2019 -2020 -2018
134	68	11	0.00	0.00		-283 -288 -410 -390
134	68	11	0.00	0.00		-191 -210 -288 -283
134	68	11	0.00	0.00		-2033 -390 -504 -2034
134	68	11	0.00	0.00		-2019 -2021 -2022 -2020
134	68	11	0.00	0.00		-2022 -191 -283 -2026
134	68	11	0.00	0.00		-2018 -2020 -2025 -2024
134	68	11	0.00	0.00		-2021 -86 -191 -2022
134	68	11	0.00	0.00		-2030 -2032 -2037 -2036
134	68	11	0.00	0.00		-390 -410 -524 -504
134	68	11	0.00	0.00		-2025 -2026 -2033 -2031
134	68	11	0.00	0.00		-2034 -504 -625 -2038
134	68	11	0.00	0.00		-2029 -2031 -2032 -2030
134	68	11	0.00	0.00		-2024 -2025 -2031 -2029
134	68	11	0.00	0.00		-504 -524 -645 -625
134	68	11	0.00	0.00		-86 -105 -210 -191
134	68	11	0.00	0.00		-2026 -283 -390 -2033
134	68	11	0.00	0.00		-2031 -2033 -2034 -2032

134	68	11	0.00	0.00		-2032 -2034 -2038 -2037
135	75	11	0.00	0.00		-126 -130 -250 -246
135	75	11	0.00	0.00		-438 -442 -556 -552
135	75	11	0.00	0.00		-246 -250 -329 -325
135	75	11	0.00	0.00		-13 -17 -130 -126
135	75	11	0.00	0.00		-325 -329 -442 -438
136	65	11	0.00	0.00		-376 -375 -489 -490
136	65	11	0.00	0.00		-375 -374 -488 -489
136	65	11	0.00	0.00		-421 -376 -490 -531
136	65	11	0.00	0.00		-374 -373 -487 -488
136	65	11	0.00	0.00		-488 -487 -605 -606
136	65	11	0.00	0.00		-1991 -1990 -274 -275
136	65	11	0.00	0.00		-490 -489 -607 -608
136	65	11	0.00	0.00		-70 -69 -1991 -177
136	65	11	0.00	0.00		-531 -490 -608 -609
136	65	11	0.00	0.00		-69 -68 -1990 -1991
136	65	11	0.00	0.00		-177 -1991 -275 -276
136	65	11	0.00	0.00		-276 -275 -376 -421
136	65	11	0.00	0.00		-275 -274 -375 -376
136	65	11	0.00	0.00		-489 -488 -606 -607
137	25	11	0.00	0.00		-1953 -474 -592 -1954
137	65	11	0.06	0.06		-81 -2157 -2158 -187
137	85	11	0.06	0.06		-474 -486 -604 -592
137	65	11	0.06	0.06		-226 -2164 -2165 -299
137	85	11	0.06	0.06		-54 -65 -174 -165
137	65	11	0.06	0.06		-499 -2167 -2159 -620
137	65	11	0.06	0.06		-389 -399 -513 -503
137	65	11	0.06	0.06		-385 -2166 -2167 -499
137	65	11	0.06	0.06		-503 -513 -634 -624
137	85	11	0.06	0.06		-360 -372 -486 -474
137	85	11	0.06	0.06		-294 -296 -372 -360
137	65	11	0.06	0.06		-299 -2165 -2166 -385
137	65	11	0.06	0.06		-495 -499 -620 -615
137	65	11	0.06	0.06		-296 -297 -381 -372
137	85	11	0.06	0.06		-220 -223 -296 -294
137	65	11	0.06	0.06		-187 -2158 -2164 -226
137	65	11	0.06	0.06		-224 -226 -299 -297
137	65	11	0.06	0.06		-183 -187 -226 -224
137	65	11	0.06	0.06		-2158 -190 -228 -2164
137	85	11	0.06	0.06		-165 -174 -223 -220
137	65	11	0.06	0.06		-2166 -389 -503 -2167
137	65	11	0.06	0.06		-300 -306 -399 -389
137	65	11	0.06	0.06		-297 -299 -385 -381
137	65	11	0.06	0.06		-190 -199 -234 -228
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137	65	11	0.06	0.06		-2157 -85 -190 -2158
137	65	11	0.06	0.06		-372 -381 -495 -486
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137	65	11	0.06	0.06		-76 -81 -187 -183
137	65	11	0.06	0.06		-85 -94 -199 -190
137	65	11	0.06	0.06		-2167 -503 -624 -2159
137	65	11	0.06	0.06		-228 -234 -306 -300
138	59	11	0.00	0.00		-496 -501 -622 -616
138	59	11	0.00	0.00		-363 -382 -496 -477
138	59	11	0.00	0.00		-77 -83 -113 -112
138	59	11	0.00	0.00		-112 -113 -218 -217
138	59	11	0.00	0.00		-57 -77 -112 -111
138	59	11	0.00	0.00		-111 -112 -217 -216
138	59	11	0.00	0.00		-242 -243 -382 -363
138	59	11	0.00	0.00		-477 -496 -616 -595
138	59	11	0.00	0.00		-243 -244 -387 -382
138	59	11	0.00	0.00		-217 -218 -244 -243
138	59	11	0.00	0.00		-216 -217 -243 -242
138	59	11	0.00	0.00		-382 -387 -501 -496
139	60	11	0.00	0.00		-175 -178 -277 -272
139	60	11	0.00	0.00		-492 -2028 -2035 -612
139	60	11	0.00	0.00		-2027 -2029 -2030 -2028
139	60	11	0.00	0.00		-279 -2023 -2027 -378
139	60	11	0.00	0.00		-178 -180 -279 -277
139	60	11	0.00	0.00		-373 -377 -491 -487
139	60	11	0.00	0.00		-2016 -2018 -2024 -2023
139	60	11	0.00	0.00		-180 -2016 -2023 -279
139	60	11	0.00	0.00		-377 -378 -492 -491
139	60	11	0.00	0.00		-277 -279 -378 -377
139	60	11	0.00	0.00		-487 -491 -610 -605
139	60	11	0.00	0.00		-73 -2015 -2016 -180
139	60	11	0.00	0.00		-272 -277 -377 -373

139	60	11	0.00	0.00		-2015 -2017 -2018 -2016
139	60	11	0.00	0.00		-378 -2027 -2028 -492
139	60	11	0.00	0.00		-2028 -2030 -2036 -2035
139	60	11	0.00	0.00		-491 -492 -612 -610
139	60	11	0.00	0.00		-71 -73 -180 -178
139	60	11	0.00	0.00		-66 -71 -178 -175
139	60	11	0.00	0.00		-2023 -2024 -2029 -2027
140	10	11	0.00	0.00		-474 -475 -593 -592
140	10	11	0.00	0.00		-54 -55 -166 -165
140	10	11	0.00	0.00		-475 -476 -594 -593
140	10	11	0.00	0.00		-362 -363 -477 -476
140	10	11	0.00	0.00		-110 -111 -216 -215
140	10	11	0.00	0.00		-294 -295 -361 -360
140	10	11	0.00	0.00		-360 -361 -475 -474
140	10	11	0.00	0.00		-56 -57 -111 -110
140	10	11	0.00	0.00		-220 -221 -295 -294
140	10	11	0.00	0.00		-215 -216 -242 -241
140	10	11	0.00	0.00		-476 -477 -595 -594
140	10	11	0.00	0.00		-241 -242 -363 -362
140	10	11	0.00	0.00		-165 -166 -221 -220
141	76	11	0.00	0.00		-63 -49 -160 -172
141	76	11	0.00	0.00		-172 -160 -357 -370
141	76	11	0.00	0.00		-370 -357 -471 -484
141	76	11	0.00	0.00		-484 -471 -588 -602
142	60	11	0.00	0.00		-493 -485 -603 -613
142	60	11	0.00	0.00		-380 -379 -493 -494
142	60	11	0.00	0.00		-281 -280 -379 -380
142	60	11	0.00	0.00		-74 -64 -173 -181
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142	60	11	0.00	0.00		-75 -74 -181 -182
142	60	11	0.00	0.00		-182 -181 -280 -281
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143	60	11	0.00	0.00		-442 -448 -562 -556
143	60	11	0.00	0.00		-250 -251 -335 -329
143	60	11	0.00	0.00		-17 -23 -136 -130
143	60	11	0.00	0.00		-329 -335 -448 -442
143	60	11	0.00	0.00		-130 -136 -251 -250
144	25	11	0.00	0.00		-1942 -477 -595 -1939
145	10	11	0.07	0.00		-477 -478 -596 -595
209	73	11	0.00	0.00		-2097 -826 -932 -2098
209	73	11	0.00	0.00		-540 -541 -658 -657
209	73	11	0.00	0.00		-825 -2097 -2098 -931
209	73	11	0.00	0.00		-2091 -661 -826 -2097
209	73	11	0.00	0.00		-668 -669 -834 -833
209	73	11	0.00	0.00		-544 -545 -662 -661
209	73	11	0.00	0.00		-660 -2091 -2097 -825
209	73	11	0.00	0.00		-834 -835 -941 -940
209	73	11	0.00	0.00		-823 -824 -930 -929
209	73	11	0.00	0.00		-2090 -544 -661 -2091
209	73	11	0.00	0.00		-833 -834 -940 -939
209	73	11	0.00	0.00		-828 -829 -935 -934
209	73	11	0.00	0.00		-2075 -550 -667 -2076
209	73	11	0.00	0.00		-551 -552 -669 -668
209	73	11	0.00	0.00		-541 -542 -659 -658
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209	73	11	0.00	0.00		-821 -822 -928 -927
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209	73	11	0.00	0.00		-657 -658 -1995 -1998
209	73	11	0.00	0.00		-824 -825 -931 -930
209	73	11	0.00	0.00		-538 -539 -656 -655
209	73	11	0.00	0.00		-666 -2076 -2082 -831
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209	73	11	0.00	0.00		-936 -937 -1042 -1041
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209	73	11	0.00	0.00		-750 -751 -837 -836
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209	73	11	0.00	0.00		-658 -659 -1997 -1995
209	73	11	0.00	0.00		-941 -942 -1047 -1046
209	77	11	0.00	0.00		-542 -543 -660 -659
209	77	11	0.00	0.00		-550 -551 -668 -667
209	73	11	0.00	0.00		-836 -837 -943 -942
209	73	11	0.00	0.00		-830 -831 -937 -936

209	73	11	0.00	0.00		-748 -749 -821 -820
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209	73	11	0.00	0.00		-1998 -1995 -823 -822
209	73	11	0.00	0.00		-545 -546 -663 -662
209	73	11	0.00	0.00		-935 -936 -1041 -1040
209	73	11	0.00	0.00		-832 -833 -939 -938
209	73	11	0.00	0.00		-655 -656 -749 -748
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209	73	11	0.00	0.00		-554 -555 -681 -680
209	73	11	0.00	0.00		-931 -2098 -2092 -1036
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209	73	11	0.00	0.00		-934 -935 -1040 -1039
209	73	11	0.00	0.00		-933 -934 -1039 -1038
209	73	11	0.00	0.00		-829 -830 -936 -935
209	73	11	0.00	0.00		-552 -553 -670 -669
209	73	11	0.00	0.00		-929 -930 -1035 -1034
209	73	11	0.00	0.00		-1995 -1997 -824 -823
209	73	11	0.00	0.00		-2082 -832 -938 -2083
209	73	11	0.00	0.00		-928 -929 -1034 -1033
209	73	11	0.00	0.00		-539 -540 -657 -656
209	73	11	0.00	0.00		-926 -927 -1032 -1031
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209	73	11	0.00	0.00		-543 -2090 -2091 -660
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209	73	11	0.00	0.00		-820 -821 -927 -926
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209	73	11	0.00	0.00		-680 -681 -751 -750
209	73	11	0.00	0.00		-2076 -667 -832 -2082
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210	73	11	0.00	0.00		-698 -699 -780 -779
210	73	11	0.00	0.00		-691 -698 -779 -768
210	73	11	0.00	0.00		-780 -785 -892 -885
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210	73	11	0.00	0.00		-684 -690 -765 -756
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210	73	11	0.00	0.00		-555 -564 -683 -681
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211	74	11	0.00	0.00		-642 -641 -721 -722
211	77	11	0.00	0.00		-629 -628 -707 -708
211	73	11	0.00	0.00		-715 -714 -801 -802
211	73	11	0.00	0.00		-920 -919 -1024 -1025
211	73	11	0.00	0.00		-2143 -1011 -1120 -2134
211	73	11	0.00	0.00		-649 -648 -728 -729

211	73	11	0.00	0.00		-1021 -1020 -1129 -1130
211	77	11	0.00	0.00		-632 -631 -710 -711
211	73	11	0.00	0.00		-645 -644 -724 -725
211	73	11	0.00	0.00		-1025 -1024 -1133 -1134
211	73	11	0.00	0.00		-641 -640 -720 -721
211	73	11	0.00	0.00		-908 -907 -1013 -1014
211	73	11	0.00	0.00		-1029 -1028 -1137 -1138
211	73	11	0.00	0.00		-801 -800 -909 -910
211	74	11	0.00	0.00		-643 -642 -722 -723
211	73	11	0.00	0.00		-709 -708 -795 -796
211	73	11	0.00	0.00		-2142 -905 -1011 -2143
211	73	11	0.00	0.00		-805 -804 -913 -914
211	73	11	0.00	0.00		-717 -716 -803 -804
211	64	11	0.00	0.00		-904 -903 -1009 -1010
211	73	11	0.00	0.00		-640 -639 -719 -720
211	73	11	0.00	0.00		-647 -646 -726 -727
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211	73	11	0.00	0.00		-905 -904 -1010 -1011
211	73	11	0.00	0.00		-910 -909 -1015 -1016
211	73	11	0.00	0.00		-1028 -1027 -1136 -1137
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211	73	11	0.00	0.00		-712 -711 -798 -799
211	73	11	0.00	0.00		-812 -811 -920 -921
211	73	11	0.00	0.00		-714 -713 -800 -801
211	73	11	0.00	0.00		-916 -915 -1020 -1021
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211	73	11	0.00	0.00		-803 -802 -911 -912
211	73	11	0.00	0.00		-906 -2142 -2143 -1012
211	84	11	0.00	0.00		-794 -793 -2150 -2151
211	84	11	0.00	0.00		-2151 -2150 -902 -903
211	84	11	0.00	0.00		-903 -902 -1008 -1009
211	73	11	0.00	0.00		-2132 -630 -709 -2133
211	84	11	0.00	0.00		-707 -706 -793 -794
211	74	11	0.00	0.00		-1024 -1023 -1132 -1133
211	73	11	0.00	0.00		-2133 -709 -796 -2141
211	73	11	0.00	0.00		-909 -908 -1014 -1015
211	73	11	0.00	0.00		-1027 -1026 -1135 -1136
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211	73	11	0.00	0.00		-922 -921 -1026 -1027
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211	73	11	0.00	0.00		-718 -717 -804 -805
211	73	11	0.00	0.00		-806 -805 -914 -915
211	73	11	0.00	0.00		-914 -913 -1018 -1019
211	73	11	0.00	0.00		-716 -715 -802 -803
211	73	11	0.00	0.00		-913 -912 -1017 -1018
211	73	11	0.00	0.00		-804 -803 -912 -913
211	73	11	0.00	0.00		-798 -797 -906 -907
211	73	11	0.00	0.00		-727 -726 -813 -814
211	73	11	0.00	0.00		-725 -724 -811 -812
211	73	11	0.00	0.00		-726 -725 -812 -813
211	73	11	0.00	0.00		-1030 -1029 -1138 -1139
211	73	11	0.00	0.00		-1019 -1018 -1127 -1128
211	77	11	0.00	0.00		-644 -643 -723 -724
211	73	11	0.00	0.00		-1020 -1019 -1128 -1129
211	73	11	0.00	0.00		-799 -798 -907 -908
211	73	11	0.00	0.00		-710 -2133 -2141 -797
211	73	11	0.00	0.00		-729 -728 -815 -816
211	73	11	0.00	0.00		-797 -2141 -2142 -906
211	73	11	0.00	0.00		-816 -815 -924 -925
211	73	11	0.00	0.00		-907 -906 -1012 -1013
211	73	11	0.00	0.00		-1022 -1021 -1130 -1131
211	77	11	0.00	0.00		-648 -647 -727 -728
211	74	11	0.00	0.00		-918 -917 -1022 -1023
211	73	11	0.00	0.00		-802 -801 -910 -911
211	73	11	0.00	0.00		-925 -924 -1029 -1030
211	73	11	0.00	0.00		-921 -920 -1025 -1026
211	74	11	0.00	0.00		-1023 -1022 -1131 -1132
211	84	11	0.00	0.00		-1009 -1008 -1117 -1118
211	74	11	0.00	0.00		-810 -809 -918 -919
211	73	11	0.00	0.00		-924 -923 -1028 -1029
211	73	11	0.00	0.00		-915 -914 -1019 -1020
211	73	11	0.00	0.00		-719 -718 -805 -806
211	73	11	0.00	0.00		-630 -629 -708 -709
211	73	11	0.00	0.00		-917 -916 -1021 -1022
211	74	11	0.00	0.00		-919 -918 -1023 -1024
211	73	11	0.00	0.00		-1012 -2143 -2134 -1121
211	74	11	0.00	0.00		-723 -722 -809 -810

211	73	11	0.00	0.00		-713 -712 -799 -800
211	73	11	0.00	0.00		-800 -799 -908 -909
211	73	11	0.00	0.00		-808 -807 -916 -917
211	73	11	0.00	0.00		-923 -922 -1027 -1028
211	73	11	0.00	0.00		-639 -638 -718 -719
211	64	11	0.00	0.00		-1010 -1009 -1118 -1119
211	74	11	0.00	0.00		-722 -721 -808 -809
211	73	11	0.00	0.00		-814 -813 -922 -923
211	73	11	0.00	0.00		-721 -720 -807 -808
211	74	11	0.00	0.00		-809 -808 -917 -918
211	84	11	0.00	0.00		-628 -627 -706 -707
211	73	11	0.00	0.00		-631 -2132 -2133 -710
211	73	11	0.00	0.00		-1014 -1013 -1122 -1123
211	73	11	0.00	0.00		-633 -632 -711 -712
211	73	11	0.00	0.00		-1011 -1010 -1119 -1120
211	73	11	0.00	0.00		-637 -636 -716 -717
211	73	11	0.00	0.00		-1016 -1015 -1124 -1125
211	73	11	0.00	0.00		-1015 -1014 -1123 -1124
211	73	11	0.00	0.00		-635 -634 -713 -714
211	73	11	0.00	0.00		-634 -633 -712 -713
211	73	11	0.00	0.00		-1013 -1012 -1121 -1122
212	68	11	0.00	0.00		-703 -705 -792 -788
212	68	11	0.00	0.00		-771 -788 -896 -870
212	75	11	0.00	0.00		-901 -913 -1018 -1007
212	68	11	0.00	0.00		-788 -792 -901 -896
212	68	11	0.00	0.00		-2114 -747 -856 -2115
212	68	11	0.00	0.00		-563 -2110 -2111 -675
212	68	11	0.00	0.00		-896 -901 -1007 -1002
212	68	11	0.00	0.00		-2111 -679 -747 -2114
212	75	11	0.00	0.00		-705 -717 -804 -792
212	68	11	0.00	0.00		-1002 -1007 -1116 -1110
212	68	11	0.00	0.00		-856 -870 -976 -962
212	68	11	0.00	0.00		-2110 -575 -679 -2111
212	68	11	0.00	0.00		-845 -2115 -2123 -951
212	68	11	0.00	0.00		-2123 -962 -1067 -2112
212	68	11	0.00	0.00		-675 -2111 -2114 -743
212	68	11	0.00	0.00		-870 -896 -1002 -976
212	68	11	0.00	0.00		-976 -1002 -1110 -1082
212	68	11	0.00	0.00		-2115 -856 -962 -2123
212	68	11	0.00	0.00		-962 -976 -1082 -1067
212	68	11	0.00	0.00		-596 -621 -703 -694
212	68	11	0.00	0.00		-951 -2123 -2112 -1056
212	68	11	0.00	0.00		-621 -626 -705 -703
212	75	11	0.00	0.00		-792 -804 -913 -901
212	75	11	0.00	0.00		-626 -637 -717 -705
212	75	11	0.00	0.00		-1007 -1018 -1127 -1116
212	68	11	0.00	0.00		-743 -2114 -2115 -845
212	68	11	0.00	0.00		-694 -703 -788 -771
213	68	11	0.00	0.00		-826 -840 -946 -932
213	68	11	0.00	0.00		-932 -946 -1051 -1037
213	68	11	0.00	0.00		-661 -673 -840 -826
213	68	11	0.00	0.00		-544 -558 -673 -661
214	73	11	0.00	0.00		-733 -730 -752 -755
214	73	11	0.00	0.00		-617 -602 -740 -734
214	73	11	0.00	0.00		-565 -560 -730 -733
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214	73	11	0.00	0.00		-891 -876 -982 -997
214	73	11	0.00	0.00		-755 -752 -842 -847
214	73	11	0.00	0.00		-560 -538 -655 -730
214	73	11	0.00	0.00		-1008 -1004 -1113 -1117
214	73	11	0.00	0.00		-851 -847 -953 -957
214	73	11	0.00	0.00		-2150 -2152 -898 -902
214	73	11	0.00	0.00		-735 -733 -755 -758
214	73	11	0.00	0.00		-569 -565 -733 -735
214	73	11	0.00	0.00		-758 -755 -847 -851
214	73	11	0.00	0.00		-865 -863 -969 -971
214	73	11	0.00	0.00		-957 -953 -1058 -1062
214	73	11	0.00	0.00		-847 -842 -948 -953
214	73	11	0.00	0.00		-739 -738 -766 -767
214	73	11	0.00	0.00		-969 -957 -1062 -1074
214	73	11	0.00	0.00		-1004 -997 -1105 -1113
214	73	11	0.00	0.00		-731 -734 -784 -789
214	73	11	0.00	0.00		-730 -655 -748 -752
214	73	11	0.00	0.00		-2152 -2153 -891 -898
214	73	11	0.00	0.00		-738 -735 -758 -766
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214	73	11	0.00	0.00		-588 -587 -738 -739
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214	73	11	0.00	0.00		-842 -820 -926 -948
214	73	11	0.00	0.00		-863 -851 -957 -969
214	73	11	0.00	0.00		-902 -898 -1004 -1008
214	73	11	0.00	0.00		-752 -748 -820 -842
214	73	11	0.00	0.00		-789 -784 -2153 -2152
214	73	11	0.00	0.00		-587 -569 -735 -738
214	73	11	0.00	0.00		-767 -766 -863 -865
214	73	11	0.00	0.00		-734 -740 -774 -784
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215	68	11	0.00	0.00		-744 -742 -843 -849
215	68	11	0.00	0.00		-1999 -672 -1996 -2000
215	68	11	0.00	0.00		-843 -841 -947 -949
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215	68	11	0.00	0.00		-672 -658 -1995 -1996
215	68	11	0.00	0.00		-567 -561 -674 -676
215	68	11	0.00	0.00		-702 -692 -769 -786
215	68	11	0.00	0.00		-786 -769 -868 -894
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215	68	11	0.00	0.00		-854 -849 -955 -960
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215	68	11	0.00	0.00		-559 -557 -672 -1999
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215	68	11	0.00	0.00		-709 -2181 -2189 -796
215	68	11	0.00	0.00		-868 -862 -968 -974
215	68	11	0.00	0.00		-894 -868 -974 -1000
215	68	11	0.00	0.00		-676 -674 -742 -744
215	68	11	0.00	0.00		-905 -2190 -2191 -1011
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215	68	11	0.00	0.00		-2191 -1000 -1108 -2182
215	68	11	0.00	0.00		-561 -559 -1999 -674
215	68	11	0.00	0.00		-619 -591 -692 -702
215	68	11	0.00	0.00		-945 -929 -1034 -1050
215	68	11	0.00	0.00		-745 -744 -849 -854
215	68	11	0.00	0.00		-968 -960 -1065 -1073
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215	68	11	0.00	0.00		-2180 -619 -702 -2181
215	68	11	0.00	0.00		-949 -947 -1052 -1054
215	68	11	0.00	0.00		-1011 -2191 -2182 -1120
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215	68	11	0.00	0.00		-960 -955 -1060 -1065
215	68	11	0.00	0.00		-573 -567 -676 -677
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216	68	11	0.00	0.00		-959 -960 -1065 -1064
216	68	11	0.00	0.00		-759 -760 -853 -852
216	68	11	0.00	0.00		-570 -571 -737 -736
216	68	11	0.00	0.00		-758 -759 -852 -851
216	68	11	0.00	0.00		-852 -853 -959 -958
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216	68	11	0.00	0.00		-735 -736 -759 -758
216	68	11	0.00	0.00		-569 -570 -736 -735
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216	68	11	0.00	0.00		-958 -959 -1064 -1063
216	68	11	0.00	0.00		-957 -958 -1063 -1062
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217	68	11	-0.03	-0.03		-764 -763 -859 -860
217	68	11	-0.03	-0.03		-689 -688 -763 -764
217	68	11	-0.03	-0.03		-860 -859 -965 -966
217	68	11	-0.03	-0.03		-763 -762 -858 -859

217	68	11	-0.03	-0.03		-858 -857 -963 -964
217	68	11	-0.03	-0.03		-687 -686 -761 -762
217	68	11	-0.03	-0.03		-688 -687 -762 -763
217	68	11	-0.03	-0.03		-965 -964 -1069 -1070
217	68	11	-0.03	-0.03		-861 -860 -966 -967
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217	68	11	-0.03	-0.03		-859 -858 -964 -965
217	68	11	-0.03	-0.03		-583 -582 -688 -689
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217	68	11	-0.03	-0.03		-967 -966 -1071 -1072
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217	68	11	-0.03	-0.03		-582 -581 -687 -688
217	68	11	-0.03	-0.03		-690 -689 -764 -765
217	68	11	-0.03	-0.03		-581 -580 -686 -687
217	68	11	-0.03	-0.03		-964 -963 -1068 -1069
218	65	11	0.00	0.00		-1945 -1961 -1962 -1946
218	65	11	0.00	0.00		-679 -1940 -1943 -747
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218	65	11	0.00	0.00		-1957 -678 -746 -1959
218	65	11	0.00	0.00		-856 -1944 -1945 -962
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218	65	11	0.00	0.00		-1954 -574 -678 -1957
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218	65	11	0.00	0.00		-1959 -746 -855 -1960
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218	65	11	0.00	0.00		-575 -1939 -1940 -679
219	68	11	0.00	0.00		-603 -597 -650 -652
219	68	11	0.00	0.00		-1023 -994 -1101 -1132
219	68	11	0.00	0.00		-642 -614 -654 -722
219	68	11	0.00	0.00		-877 -871 -977 -983
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219	68	11	0.00	0.00		-652 -650 -772 -775
219	68	11	0.00	0.00		-809 -782 -888 -918
219	68	11	0.00	0.00		-888 -887 -993 -994
219	68	11	0.00	0.00		-887 -883 -989 -993
219	68	11	0.00	0.00		-994 -993 -1100 -1101
219	68	11	0.00	0.00		-775 -772 -871 -877
219	68	11	0.00	0.00		-993 -989 -1096 -1100
219	68	11	0.00	0.00		-983 -977 -1084 -1090
219	68	11	0.00	0.00		-989 -983 -1090 -1096
219	68	11	0.00	0.00		-918 -888 -994 -1023
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220	68	11	0.00	0.00		-599 -600 -2059 -2061
220	68	11	0.00	0.00		-872 -873 -979 -978
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220	68	11	0.00	0.00		-772 -773 -872 -871
220	68	11	0.00	0.00		-2060 -2045 -875 -874
220	68	11	0.00	0.00		-977 -978 -1085 -1084
220	68	11	0.00	0.00		-650 -651 -773 -772
220	68	11	0.00	0.00		-873 -874 -980 -979
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221	68	11	0.00	0.00		-844 -850 -956 -950
221	90	11	0.00	0.00		-2203 -2054 -1921 -889
221	75	11	0.00	0.00		-601 -605 -2039 -2040
221	75	11	0.00	0.00		-589 -601 -2040 -2042
221	68	11	0.00	0.00		-857 -864 -970 -963
221	68	11	0.00	0.00		-669 -671 -838 -834
221	68	11	0.00	0.00		-2036 -2037 -2052 -2053
221	68	11	0.00	0.00		-864 -866 -972 -970
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221	90	11	0.00	0.00		-2202 -2203 -889 -886
221	68	11	0.00	0.00		-834 -838 -944 -940
221	68	11	0.00	0.00		-2054 -2051 -893 -1921
221	90	11	0.00	0.00		-2198 -2199 -2202 -2201
221	68	11	0.00	0.00		-886 -889 -995 -992
221	68	11	0.00	0.00		-685 -686 -761 -757

221	75	11	0.00	0.00		-875 -879 -985 -981
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221	75	11	0.00	0.00		-972 -981 -1088 -1077
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221	75	11	0.00	0.00		-981 -985 -1092 -1088
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221	68	11	0.00	0.00		-963 -970 -1075 -1068
221	68	11	0.00	0.00		-605 -610 -2198 -2039
221	68	11	0.00	0.00		-2037 -2038 -2049 -2052
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221	68	11	0.00	0.00		-893 -897 -1003 -999
221	68	11	0.00	0.00		-985 -990 -1097 -1092
221	68	11	0.00	0.00		-950 -956 -1061 -1055
221	68	11	0.00	0.00		-944 -950 -1055 -1049
221	75	11	0.00	0.00		-866 -875 -981 -972
221	68	11	0.00	0.00		-1003 -1006 -1115 -1112
221	68	11	0.00	0.00		-889 -1921 -1922 -995
221	75	11	0.00	0.00		-2045 -2044 -879 -875
221	90	11	0.00	0.00		-2035 -2036 -2053 -2200
221	90	11	0.00	0.00		-612 -2035 -2200 -2199
221	68	11	0.00	0.00		-704 -725 -812 -791
221	68	11	0.00	0.00		-552 -556 -671 -669
221	68	11	0.00	0.00		-568 -580 -686 -685
221	90	11	0.00	0.00		-2201 -2202 -886 -884
221	68	11	0.00	0.00		-897 -900 -1006 -1003
221	90	11	0.00	0.00		-610 -612 -2199 -2198
221	75	11	0.00	0.00		-2042 -2040 -2045 -2047
221	68	11	0.00	0.00		-625 -645 -725 -704
221	68	11	0.00	0.00		-940 -944 -1049 -1045
221	68	11	0.00	0.00		-1922 -999 -1107 -1918
221	68	11	0.00	0.00		-995 -1922 -1918 -1102
221	68	11	0.00	0.00		-879 -884 -990 -985
221	68	11	0.00	0.00		-900 -921 -1026 -1006
221	75	11	0.00	0.00		-2047 -2045 -875 -866
221	90	11	0.00	0.00		-2200 -2053 -2054 -2203
222	65	11	0.03	0.03		-608 -607 -696 -697
222	65	11	0.03	0.03		-882 -881 -987 -988
222	65	11	0.03	0.03		-609 -608 -697 -698
222	65	11	0.03	0.03		-778 -777 -880 -881
222	65	11	0.03	0.03		-987 -986 -1093 -1094
222	65	11	0.03	0.03		-697 -696 -777 -778
222	65	11	0.03	0.03		-881 -880 -986 -987
222	65	11	0.03	0.03		-698 -697 -778 -779
222	65	11	0.03	0.03		-779 -778 -881 -882
222	65	11	0.03	0.03		-988 -987 -1094 -1095
223	65	11	0.06	0.06		-890 -895 -1001 -996
223	65	11	0.06	0.06		-878 -890 -996 -984
223	65	11	0.06	0.06		-783 -787 -895 -890
223	65	11	0.06	0.06		-732 -713 -800 -790
223	65	11	0.06	0.06		-2168 -790 -899 -2169
223	65	11	0.06	0.06		-1005 -1015 -1124 -1114
223	65	11	0.06	0.06		-787 -2168 -2169 -895
223	65	11	0.06	0.06		-741 -2160 -2168 -787
223	65	11	0.06	0.06		-2169 -899 -1005 -2170
223	65	11	0.06	0.06		-776 -783 -890 -878
223	65	11	0.06	0.06		-700 -741 -787 -783
223	65	11	0.06	0.06		-620 -2159 -2160 -741
223	65	11	0.06	0.06		-975 -984 -1091 -1080
223	65	11	0.06	0.06		-770 -776 -878 -869

223	65	11	0.06	0.06		-604 -615 -700 -695
223	65	11	0.06	0.06		-592 -604 -695 -693
223	65	11	0.06	0.06		-2159 -624 -732 -2160
223	65	11	0.06	0.06		-1001 -2170 -2161 -1109
223	65	11	0.06	0.06		-2160 -732 -790 -2168
223	65	11	0.06	0.06		-624 -634 -713 -732
223	65	11	0.06	0.06		-869 -878 -984 -975
223	65	11	0.06	0.06		-984 -996 -1103 -1091
223	65	11	0.06	0.06		-895 -2169 -2170 -1001
223	65	11	0.06	0.06		-996 -1001 -1109 -1103
223	65	11	0.06	0.06		-695 -700 -783 -776
223	65	11	0.06	0.06		-693 -695 -776 -770
223	25	11	0.00	0.00		-1961 -975 -1080 -1962
223	65	11	0.06	0.06		-790 -800 -909 -899
223	65	11	0.06	0.06		-615 -620 -741 -700
223	65	11	0.06	0.06		-2170 -1005 -1114 -2161
223	65	11	0.06	0.06		-899 -909 -1015 -1005
224	59	11	0.00	0.00		-595 -616 -818 -817
224	10	11	0.00	0.00		-1945 -1970 -1081 -1946
224	59	11	0.00	0.00		-1969 -1971 -1111 -1104
224	59	11	0.00	0.00		-818 -819 -1971 -1969
224	59	11	0.00	0.00		-1970 -1969 -1104 -1081
224	59	11	0.00	0.00		-817 -818 -1969 -1970
224	59	11	0.00	0.00		-616 -622 -819 -818
225	65	11	0.00	-0.10		-746 -745 -854 -855
225	65	11	0.00	-0.10		-961 -960 -1065 -1066
225	65	11	0.00	-0.10		-855 -854 -960 -961
225	65	11	0.00	-0.10		-678 -677 -745 -746
225	65	11	0.00	-0.10		-574 -573 -677 -678
228	10	11	0.07	0.00		-1970 -976 -1082 -1081
229	10	11	0.00	0.00		-974 -975 -1080 -1079
229	10	11	0.00	0.00		-975 -1970 -1081 -1080
309	73	11	0.00	0.00		-1485 -1486 -1590 -1589
309	73	11	0.00	0.00		-1257 -1258 -2106 -2107
309	73	11	0.00	0.00		-1254 -1255 -1343 -1342
309	73	11	0.00	0.00		-1152 -1153 -1254 -1253
309	73	11	0.00	0.00		-1255 -1256 -1344 -1343
309	73	11	0.00	0.00		-1149 -1150 -1251 -1250
309	77	11	0.00	0.00		-1141 -1142 -1243 -1242
309	73	11	0.00	0.00		-1147 -1148 -1249 -1248
309	88	11	0.00	0.00		-2005 -2057 -2058 -2008
309	77	11	0.00	0.00		-1046 -1047 -1156 -1155
309	73	11	0.00	0.00		-1040 -1041 -1150 -1149
309	88	11	0.00	0.00		-2008 -2058 -1475 -1474
309	73	11	0.00	0.00		-1484 -1485 -1589 -1588
309	88	11	0.00	0.00		-2093 -1146 -1247 -2094
309	88	11	0.00	0.00		-1037 -1038 -1147 -1146
309	77	11	0.00	0.00		-1155 -1156 -1257 -1256
309	88	11	0.00	0.00		-2056 -2008 -1474 -1473
309	77	11	0.00	0.00		-1032 -1033 -1142 -1141
309	77	11	0.00	0.00		-1035 -1036 -1145 -1144
309	73	11	0.00	0.00		-1342 -1343 -1399 -1398
309	88	11	0.00	0.00		-1034 -1035 -1144 -1143
309	73	11	0.00	0.00		-1150 -1151 -1252 -1251
309	73	11	0.00	0.00		-2107 -2106 -1488 -1487
309	73	11	0.00	0.00		-1041 -1042 -1151 -1150
309	73	11	0.00	0.00		-1047 -1048 -1157 -1156
309	73	11	0.00	0.00		-1252 -2079 -2084 -1482
309	73	11	0.00	0.00		-1038 -1039 -1148 -1147
309	88	11	0.00	0.00		-1145 -2093 -2094 -1246
309	88	11	0.00	0.00		-2055 -2005 -2008 -2056
309	73	11	0.00	0.00		-1482 -2084 -2085 -1586
309	73	11	0.00	0.00		-1045 -1046 -1155 -1154
309	73	11	0.00	0.00		-1481 -1482 -1586 -1585
309	73	11	0.00	0.00		-1480 -1481 -1585 -1584
309	67	11	0.00	0.00		-1472 -1473 -1577 -1576
309	73	11	0.00	0.00		-1148 -1149 -1250 -1249
309	88	11	0.00	0.00		-1477 -1478 -1582 -1581
309	73	11	0.00	0.00		-2086 -1683 -1788 -2087
309	88	11	0.00	0.00		-2092 -1037 -1146 -2093
309	88	11	0.00	0.00		-2099 -1477 -1581 -2100
309	73	11	0.00	0.00		-1486 -1487 -1591 -1590
309	67	11	0.00	0.00		-1031 -1032 -1141 -1140
309	88	11	0.00	0.00		-1143 -1144 -1245 -1244
309	88	11	0.00	0.00		-1036 -2092 -2093 -1145
309	73	11	0.00	0.00		-2079 -1253 -1483 -2084
309	88	11	0.00	0.00		-2100 -1581 -1677 -2101
309	88	11	0.00	0.00		-1033 -1034 -1143 -1142
309	67	11	0.00	0.00		-1672 -1673 -1778 -1777

309	73	11	0.00	0.00		-1478 -1479 -1583 -1582
309	88	11	0.00	0.00		-1675 -1676 -1781 -1780
309	73	11	0.00	0.00		-1042 -2077 -2078 -1151
309	67	11	0.00	0.00		-1671 -1672 -1777 -1776
309	67	11	0.00	0.00		-1471 -1472 -1576 -1575
309	88	11	0.00	0.00		-1473 -1474 -1578 -1577
309	88	11	0.00	0.00		-1676 -2101 -2102 -1781
309	88	11	0.00	0.00		-1674 -1675 -1780 -1779
309	67	11	0.00	0.00		-1575 -1576 -1672 -1671
309	73	11	0.00	0.00		-1043 -1044 -1153 -1152
309	67	11	0.00	0.00		-1140 -1141 -1242 -1241
309	88	11	0.00	0.00		-1476 -2099 -2100 -1580
309	73	11	0.00	0.00		-2085 -1587 -1683 -2086
309	88	11	0.00	0.00		-1146 -1147 -1248 -1247
309	88	11	0.00	0.00		-1142 -1143 -1244 -1243
309	73	11	0.00	0.00		-1584 -1585 -1681 -1680
309	73	11	0.00	0.00		-1687 -1688 -1793 -1792
309	73	11	0.00	0.00		-1591 -1592 -1688 -1687
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309	73	11	0.00	0.00		-1343 -1344 -1400 -1399
309	73	11	0.00	0.00		-1399 -1400 -1486 -1485
309	73	11	0.00	0.00		-1483 -1484 -1588 -1587
309	73	11	0.00	0.00		-1156 -1157 -1258 -1257
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309	73	11	0.00	0.00		-1039 -1040 -1149 -1148
309	73	11	0.00	0.00		-1398 -1399 -1485 -1484
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309	73	11	0.00	0.00		-2078 -1152 -1253 -2079
309	73	11	0.00	0.00		-1248 -1249 -1479 -1478
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309	73	11	0.00	0.00		-1589 -1590 -1686 -1685
309	73	11	0.00	0.00		-1586 -2085 -2086 -1682
309	73	11	0.00	0.00		-1679 -1680 -1785 -1784
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309	88	11	0.00	0.00		-1673 -1674 -1779 -1778
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309	73	11	0.00	0.00		-1479 -1480 -1584 -1583
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309	88	11	0.00	0.00		-1247 -1248 -1478 -1477
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309	73	11	0.00	0.00		-1682 -2086 -2087 -1787
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309	73	11	0.00	0.00		-1681 -1682 -1787 -1786
309	88	11	0.00	0.00		-1578 -1579 -1675 -1674
309	73	11	0.00	0.00		-1582 -1583 -1679 -1678
309	73	11	0.00	0.00		-1685 -1686 -1791 -1790
309	73	11	0.00	0.00		-1588 -1589 -1685 -1684
309	88	11	0.00	0.00		-1243 -1244 -2005 -2055
309	73	11	0.00	0.00		-1686 -1687 -1792 -1791
309	73	11	0.00	0.00		-1683 -1684 -1789 -1788
309	67	11	0.00	0.00		-1576 -1577 -1673 -1672
309	73	11	0.00	0.00		-1583 -1584 -1680 -1679
309	88	11	0.00	0.00		-1246 -2094 -2099 -1476
309	73	11	0.00	0.00		-1153 -1154 -1255 -1254
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309	88	11	0.00	0.00		-2101 -1677 -1782 -2102
309	73	11	0.00	0.00		-1251 -1252 -1482 -1481
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309	88	11	0.00	0.00		-1581 -1582 -1678 -1677
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309	73	11	0.00	0.00		-1590 -1591 -1687 -1686
309	73	11	0.00	0.00		-1585 -1586 -1682 -1681
309	88	11	0.00	0.00		-1577 -1578 -1674 -1673
309	88	11	0.00	0.00		-1244 -1245 -2057 -2005
309	73	11	0.00	0.00		-1151 -2078 -2079 -1252
309	67	11	0.00	0.00		-1241 -1242 -1472 -1471
309	73	11	0.00	0.00		-1587 -1588 -1684 -1683
310	88	11	0.00	0.00		-1203 -1208 -1309 -1304
310	88	11	0.00	0.00		-1304 -1309 -1438 -1433
310	88	11	0.00	0.00		-1268 -1279 -1410 -1403
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310	88	11	0.00	0.00		-1178 -1184 -1285 -1279
310	88	11	0.00	0.00		-1498 -1509 -1613 -1602
310	88	11	0.00	0.00		-1715 -1718 -1823 -1820
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310	88	11	0.00	0.00		-1208 -1240 -1341 -1309
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310	88	11	0.00	0.00		-1285 -1301 -1430 -1414
310	88	11	0.00	0.00		-1537 -1542 -1644 -1640
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310	88	11	0.00	0.00		-1534 -1537 -1640 -1637
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310	88	11	0.00	0.00		-1258 -1266 -2105 -2106
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310	88	11	0.00	0.00		-1514 -1517 -1622 -1619
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311	88	11	0.00	0.00		-1556 -2144 -2145 -1656
311	88	11	0.00	0.00		-2145 -1655 -1756 -2148
311	88	11	0.00	0.00		-1335 -1334 -1392 -1393
311	87	11	0.00	0.00		-1759 -1758 -1863 -1864
311	88	11	0.00	0.00		-1466 -1465 -1569 -1570
311	88	11	0.00	0.00		-1766 -1765 -1870 -1871
311	88	11	0.00	0.00		-1669 -1668 -1773 -1774
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311	88	11	0.00	0.00		-1234 -1233 -1334 -1335
311	88	11	0.00	0.00		-1337 -1336 -1394 -1395
311	88	11	0.00	0.00		-1555 -1554 -1654 -1655
311	88	11	0.00	0.00		-1774 -1773 -1878 -1879
311	88	11	0.00	0.00		-1770 -1769 -1874 -1875
311	67	11	0.00	0.00		-1654 -1653 -1754 -1755
311	87	11	0.00	0.00		-1327 -1326 -1384 -1385
311	88	11	0.00	0.00		-1656 -2145 -2148 -1757
311	87	11	0.00	0.00		-1760 -1759 -1864 -1865
311	87	11	0.00	0.00		-1385 -1384 -1455 -1456
311	87	11	0.00	0.00		-1329 -1328 -1386 -1387
311	88	11	0.00	0.00		-1334 -1333 -1391 -1392
311	88	11	0.00	0.00		-1388 -1387 -1458 -1459
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311	88	11	0.00	0.00		-1565 -1564 -1660 -1661
311	88	11	0.00	0.00		-1661 -1660 -1765 -1766
311	88	11	0.00	0.00		-1757 -2148 -2149 -1862
311	67	11	0.00	0.00		-1553 -1552 -1652 -1653
311	87	11	0.00	0.00		-1560 -1559 -1981 -1982
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311	67	11	0.00	0.00		-1320 -1319 -1448 -1449
311	88	11	0.00	0.00		-1571 -1570 -1666 -1667

311	88	11	0.00	0.00		-2148 -1756 -1861 -2149
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314	65	11	0.00	0.00		-1406 -1404 -1499 -1504
314	65	11	0.00	0.00		-1756 -2196 -2197 -1861
314	65	11	0.00	0.00		-1710 -1704 -1809 -1815
314	65	11	0.00	0.00		-1311 -1286 -1354 -1372
314	65	11	0.00	0.00		-1108 -1079 -1185 -1210
314	65	11	0.00	0.00		-2194 -1544 -1646 -2195
314	65	11	0.00	0.00		-2196 -1745 -1850 -2197
314	65	11	0.00	0.00		-1861 -2197 -1899
314	65	11	0.00	0.00		-1745 -1719 -1824 -1850
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314	65	11	0.00	0.00		-1351 -1349 -1406 -1411
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314	65	11	0.00	0.00		-1699 -2001 -2002 -1804
314	65	11	0.00	0.00		-1221 -2183 -2184 -1322
314	65	11	0.00	0.00		-2193 -1440 -1544 -2194
314	65	11	0.00	0.00		-2182 -1108 -1210 -2183
314	65	11	0.00	0.00		-1120 -2182 -2183 -1221
314	65	11	0.00	0.00		-1161 -1159 -1260 -1262
314	65	11	0.00	0.00		-1518 -1512 -1616 -1623
314	65	11	0.00	0.00		-1260 -1244 -2005 -2006
314	65	11	0.00	0.00		-1616 -1614 -1710 -1712
314	65	11	0.00	0.00		-1274 -1269 -1347 -1349
314	65	11	0.00	0.00		-1349 -1347 -1404 -1406
314	65	11	0.00	0.00		-1608 -1603 -1699 -1704
314	65	11	0.00	0.00		-1704 -1699 -1804 -1809

314	65	11	0.00	0.00		-2184 -1311 -1372 -2192
314	65	11	0.00	0.00		-1499 -2004 -2003 -1603
314	65	11	0.00	0.00		-1555 -2194 -2195 -1655
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314	65	11	0.00	0.00		-1692 -1690 -1795 -1797
314	65	11	0.00	0.00		-2192 -1372 -1440 -2193
314	65	11	0.00	0.00		-1073 -1065 -1173 -1179
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314	65	11	0.00	0.00		-1054 -1052 -1161 -2011
314	65	11	0.00	0.00		-1159 -1143 -1244 -1260
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314	65	11	0.00	0.00		-1512 -1510 -1614 -1616
314	65	11	0.00	0.00		-2002 -1797 -1898
314	65	11	0.00	0.00		-1809 -1804 -1898
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314	65	11	0.00	0.00		-1262 -1260 -2006 -2007
314	65	11	0.00	0.00		-1804 -2002 -1898
314	65	11	0.00	0.00		-1380 -2192 -2193 -1451
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314	65	11	0.00	0.00		-1322 -2184 -2192 -1380
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315	68	11	0.00	0.00		-1272 -1273 -1503 -1502
315	68	11	0.00	0.00		-1607 -1608 -1704 -1703
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315	68	11	0.00	0.00		-1702 -1703 -1808 -1807
315	68	11	0.00	0.00		-1503 -1504 -1608 -1607
315	68	11	0.00	0.00		-1501 -1502 -1606 -1605
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316	68	11	0.00	0.00		-1278 -1277 -1408 -1409
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316	68	11	0.00	0.00		-1177 -1176 -1277 -1278
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316	68	11	0.00	0.00		-1410 -1409 -1508 -1509
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317	65	11	0.00	0.00		-1949 -1965 -1968 -1952
317	65	11	0.00	0.00		-1966 -1912 -1911 -1964
317	65	11	0.00	0.00		-1946 -1962 -1963 -1947
317	65	11	0.00	0.00		-1965 -1910 -1909 -1968
317	65	11	0.00	0.00		-1967 -1916 -1912 -1966
317	65	11	0.00	0.00		-1950 -1966 -1964 -1948
317	65	11	0.00	0.00		-1963 -1917 -1916 -1967
317	65	11	0.00	0.00		-1964 -1911 -1910 -1965
317	65	11	0.00	0.00		-1275 -1951 -1950 -1505
317	65	11	0.00	0.00		-1609 -1948 -1949 -1705
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317	65	11	0.00	0.00		-1505 -1950 -1948 -1609
317	65	11	0.00	0.00		-1174 -1947 -1951 -1275
317	65	11	0.00	0.00		-1962 -1066 -1917 -1963

317	65	11	0.00	0.00		-1067 -1946 -1947 -1174
317	65	11	0.00	0.00		-1705 -1949 -1952 -1810
318	68	11	0.00	0.00		-1363 -1358 -1419 -1425
318	68	11	0.00	0.00		-1641 -1638 -1736 -1739
318	68	11	0.00	0.00		-1296 -1290 -1358 -1363
318	65	11	0.00	0.00		-1834 -1828 -1890
318	68	11	0.00	0.00		-1739 -1736 -1841 -1844
318	68	11	0.00	0.00		-1638 -1632 -1729 -1736
318	68	11	0.00	0.00		-1463 -1434 -1538 -1567
318	65	11	0.00	0.00		-1873 -1844 -1881
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318	68	11	0.00	0.00		-1632 -1626 -1723 -1729
318	68	11	0.00	0.00		-1663 -1641 -1739 -1768
318	68	11	0.00	0.00		-1334 -1305 -1368 -1392
318	68	11	0.00	0.00		-1302 -1296 -1363 -1366
318	68	11	0.00	0.00		-1425 -1419 -1522 -1528
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320	68	11	0.00	0.00		-1216 -1236 -1337 -1317
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320	7	11	0.00	0.00		-1175 -1181 -1282 -1276
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320	68	11	0.00	0.00		-1700 -1706 -1811 -1805
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320	75	11	0.00	0.00		-1630 -1633 -1731 -1727
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320	68	11	0.00	0.00		-1399 -1401 -1489 -1485
320	68	11	0.00	0.00		-1685 -1689 -1794 -1790
320	68	11	0.00	0.00		-1259 -1264 -1346 -1345
320	68	11	0.00	0.00		-1154 -1158 -1259 -1255
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320	75	11	0.00	0.00		-1621 -1630 -1727 -1717
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320	68	11	0.00	0.00		-1255 -1259 -1345 -1343
320	75	11	0.00	0.00		-1077 -1088 -1193 -1183
320	75	11	0.00	0.00		-1427 -1432 -1536 -1530
320	68	11	0.00	0.00		-1107 -1112 -1213 -1209
320	68	11	0.00	0.00		-1536 -1929 -1930 -1639
320	75	11	0.00	0.00		-1516 -1526 -1630 -1621
320	68	11	0.00	0.00		-1642 -1926 -1927 -1740
320	68	11	0.00	0.00		-1648 -1650 -1751 -1748
320	68	11	0.00	0.00		-1401 -1402 -1494 -1489
320	68	11	0.00	0.00		-1547 -1550 -1650 -1648
320	75	11	0.00	0.00		-1530 -1536 -1639 -1633
320	68	11	0.00	0.00		-1348 -1350 -1407 -1405
320	68	11	0.00	0.00		-1920 -1310 -1371 -1923
320	68	11	0.00	0.00		-1931 -1740 -1845 -1932
320	68	11	0.00	0.00		-1610 -1618 -1714 -1706
320	68	11	0.00	0.00		-1618 -1621 -1717 -1714
320	75	11	0.00	0.00		-1365 -1367 -1432 -1427
320	68	11	0.00	0.00		-1543 -1547 -1648 -1645
320	68	11	0.00	0.00		-1919 -1209 -1310 -1920
320	68	11	0.00	0.00		-1539 -1925 -1926 -1642
320	75	11	0.00	0.00		-1731 -1737 -1842 -1836
320	68	11	0.00	0.00		-1918 -1107 -1209 -1919
321	65	11	0.00	0.00		-1199 -1198 -1299 -1300
321	65	11	0.00	0.00		-1732 -1731 -1836 -1837
321	65	11	0.00	0.00		-1531 -1530 -1633 -1634
321	65	11	0.00	0.00		-1635 -1634 -1732 -1733
321	65	11	0.00	0.00		-1300 -1299 -1428 -1429
321	65	11	0.00	0.00		-1095 -1094 -1199 -1200
321	65	11	0.00	0.00		-1734 -1733 -1838 -1839
321	65	11	0.00	0.00		-1533 -1532 -1635 -1636
321	65	11	0.00	0.00		-1636 -1635 -1733 -1734
321	65	11	0.00	0.00		-1534 -1533 -1636 -1637
321	65	11	0.00	0.00		-1733 -1732 -1837 -1838
321	65	11	0.00	0.00		-1735 -1734 -1839 -1840
321	65	11	0.00	0.00		-1094 -1093 -1198 -1199
321	65	11	0.00	0.00		-1200 -1199 -1300 -1301
321	65	11	0.00	0.00		-1532 -1531 -1634 -1635
321	65	11	0.00	0.00		-1430 -1429 -1533 -1534
321	65	11	0.00	0.00		-1301 -1300 -1429 -1430
321	65	11	0.00	0.00		-1887 -1839 -1838
321	65	11	0.00	0.00		-1637 -1636 -1734 -1735
321	65	11	0.00	0.00		-1887 -1838 -1886
321	65	11	0.00	0.00		-1634 -1633 -1731 -1732
321	65	11	0.00	0.00		-1429 -1428 -1532 -1533
321	65	11	0.00	0.00		-1840 -1839 -1887
322	65	11	0.06	0.06		-1986 -2174 -2175 -1746
322	65	11	0.06	0.06		-1746 -2175 -2176 -1851
322	65	11	0.06	0.06		-1720 -1730 -1835 -1825
322	65	11	0.06	0.06		-1355 -1364 -1426 -1416
322	65	11	0.06	0.06		-1988 -1987 -1741 -1730
322	65	11	0.06	0.06		-1287 -1297 -1364 -1355
322	65	11	0.06	0.06		-1312 -2163 -2171 -1373
322	65	11	0.06	0.06		-1091 -1103 -1206 -1196
322	65	11	0.06	0.06		-1519 -1529 -1988 -1989
322	65	11	0.06	0.06		-1080 -1091 -1196 -1186
322	65	11	0.06	0.06		-1376 -1384 -1455 -1445
322	65	11	0.06	0.06		-1730 -1741 -1846 -1835
322	65	11	0.06	0.06		-1370 -1373 -1441 -1436
322	65	11	0.06	0.06		-1436 -1441 -1545 -1540
322	65	11	0.06	0.06		-1987 -1986 -1746 -1741
322	65	11	0.06	0.06		-1989 -1988 -1730 -1720
322	65	11	0.06	0.06		-1297 -1307 -1370 -1364
322	65	11	0.06	0.06		-1364 -1370 -1436 -1426

322	65	11	0.06	0.06		-1307 -1312 -1373 -1370
322	65	11	0.06	0.06		-1529 -1540 -1987 -1988
322	29	11	0.06	0.06		-1900 -1855 -1865
322	29	11	0.06	0.06		-1851 -2176 -1900
322	65	11	0.06	0.06		-1373 -2171 -2172 -1441
322	65	11	0.06	0.06		-1416 -1426 -1529 -1519
322	65	11	0.06	0.06		-1206 -1211 -1312 -1307
322	65	11	0.06	0.06		-1545 -2173 -2174 -1986
322	65	11	0.06	0.06		-2163 -1316 -1376 -2171
322	65	11	0.06	0.06		-1196 -1206 -1307 -1297
322	65	11	0.06	0.06		-1186 -1196 -1297 -1287
322	65	11	0.06	0.06		-2173 -1549 -1985 -2174
322	65	11	0.06	0.06		-2175 -1750 -1855 -2176
322	65	11	0.06	0.06		-2161 -1114 -1215 -2162
322	65	11	0.06	0.06		-2162 -1215 -1316 -2163
322	65	11	0.06	0.06		-1426 -1436 -1540 -1529
322	65	11	0.06	0.06		-1109 -2161 -2162 -1211
322	65	11	0.06	0.06		-1211 -2162 -2163 -1312
322	25	11	0.00	0.00		-1964 -1989 -1720 -1965
322	65	11	0.06	0.06		-1316 -1326 -1384 -1376
322	65	11	0.06	0.06		-1441 -2172 -2173 -1545
322	65	11	0.06	0.06		-1103 -1109 -1211 -1206
322	65	11	0.06	0.06		-2174 -1985 -1750 -2175
322	29	11	0.06	0.06		-2176 -1855 -1900
322	65	11	0.06	0.06		-2171 -1376 -1445 -2172
322	65	11	0.06	0.06		-2172 -1445 -1549 -2173
322	65	11	0.06	0.06		-1985 -1981 -1760 -1750
322	65	11	0.06	0.06		-1445 -1455 -1559 -1549
322	65	11	0.06	0.06		-1741 -1746 -1851 -1846
322	65	11	0.06	0.06		-1549 -1559 -1981 -1985
322	65	11	0.06	0.06		-1750 -1760 -1865 -1855
322	25	11	0.00	0.00		-1965 -1720 -1825 -1968
322	29	11	0.06	0.06		-1846 -1851 -1900
322	29	11	0.06	0.06		-1825 -1835 -1900
322	29	11	0.06	0.06		-1835 -1846 -1900
322	65	11	0.06	0.06		-1114 -1124 -1225 -1215
322	65	11	0.06	0.06		-1215 -1225 -1326 -1316
322	65	11	0.06	0.06		-1540 -1545 -1986 -1987
323	59	11	0.00	0.00		-1975 -1979 -1980 -1977
323	10	11	0.00	0.00		-1949 -1978 -1972 -1952
323	10	11	0.00	0.00		-1948 -1976 -1978 -1949
323	59	11	0.00	0.00		-1978 -1977 -1973 -1972
323	59	11	0.00	0.00		-1104 -1111 -1979 -1975
323	59	11	0.00	0.00		-1976 -1975 -1977 -1978
323	59	11	0.00	0.00		-1977 -1980 -1994 -1973
323	59	11	0.00	0.00		-1081 -1104 -1975 -1976
324	36	11	0.00	0.00		-1082 -1083 -1188 -1187
324	36	11	0.00	0.00		-1624 -1625 -1722 -1721
324	36	11	0.00	0.00		-1721 -1722 -1827 -1826
324	36	11	0.00	0.00		-1722 -1723 -1828 -1827
324	36	11	0.00	0.00		-1083 -1084 -1189 -1188
324	36	11	0.00	0.00		-1625 -1626 -1723 -1722
324	36	11	0.00	0.00		-1521 -1522 -1626 -1625
324	36	11	0.00	0.00		-1289 -1290 -1358 -1357
324	36	11	0.00	0.00		-1418 -1419 -1522 -1521
324	36	11	0.00	0.00		-1188 -1189 -1290 -1289
324	36	11	0.00	0.00		-1357 -1358 -1419 -1418
325	65	11	0.00	-0.10		-1910 -1704 -1809 -1909
325	65	11	0.00	-0.10		-1911 -1608 -1704 -1910
325	65	11	0.00	-0.10		-1912 -1504 -1608 -1911
330	10	11	0.00	0.00		-1989 -1976 -1978 -1720
330	10	11	0.00	0.00		-1719 -1720 -1825 -1824
330	10	11	0.00	0.00		-1720 -1978 -1972 -1825
330	10	11	0.00	0.00		-1623 -1989 -1720 -1719
331	10	11	0.07	0.00		-1976 -1624 -1721 -1978
331	10	11	0.07	0.00		-1978 -1721 -1826 -1972

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)	0.78	0.67	0.50	0.00	0.00	50.00	50.00	1.00	0.25	0.00	1
6	Controsoffitto cannicciato	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
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 tavolato+soletta post	1.60	1.30	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.04	1
11	Solaio in legno_ tavolato+tavolato_ex archivio post	1.20	1.12	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.00	1
12	Solaio copertura_doppio tavolato	1.32	0.67	0.93	0.52	0.00	50.00	50.00	1.00	0.30	0.00	1
13	Solaio travetti+tavelle_soffitto sala sindaco	1.70	1.51	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.04	1
14	Solaio fronte ascensore_doppio tavolato	0.53	1.30	3.00	0.00	0.00	50.00	50.00	1.00	0.30	0.00	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	-538 -539 -540 -541 -557 -559 -561 -567 -573 -572 -571 -570 -569 -565 -560
101	1	45.00	-569 -570 -571 -572 -573 -586 -591 -619 -2180 -630 -629 -628 -627 -623 -617 -602 -588 -587
102	1	45.00	-541 -542 -543 -2090 -544 -558 -563 -2110 -575 -1939 -1954 -574 -573 -567 -561 -559 -557
103	1	45.00	-549 -2075 -550 -551 -552 -556 -562 -568 -580 -579 -578 -577 -576 -2071 -2072
104	1	45.00	-552 -553 -554 -555 -564 -566 -584 -583 -582 -581 -580 -568 -562 -556
105	1	315.00	-597 -598 -599 -600 -601 -605 -610 -612 -2035 -2036 -2037 -2038 -625 -645 -644 -643 -642 -614 -613 -603
106	2	90.00	-577 -578 -579 -580 -585 -589 -601 -600 -599 -598 -597 -576
107	2	0.00	-544 -545 -546 -547 -548 -549 -2072 -2071 -576 -575 -2110 -563 -558
108	2	0.00	-596 -597 -603 -613 -614 -642 -641 -640 -639 -638 -637 -626 -621
109	7	0.00	-586 -591 -592 -1954 -574 -573
110	2	90.00	-576 -597 -596 -575
111	1	45.00	-645 -646 -647 -648 -649 -618 -611 -609 -608 -607 -606 -605 -610 -612 -2035 -2036 -2037 -2038 -625
112	14	0.00	-591 -592 -604 -615 -620 -619
113	1	315.00	-569 -570 -571 -572 -573 -586 -591 -619 -2180 -630 -629 -628 -627 -623 -617 -602 -588 -587
114	1	315.00	-538 -539 -540 -541 -557 -559 -561 -567 -573 -572 -571 -570 -569 -565 -560
115	1	315.00	-541 -542 -543 -2090 -544 -558 -563 -2110 -575 -1939 -1954 -574 -573 -567 -561 -559 -557
116	1	315.00	-549 -2075 -550 -551 -552 -556 -562 -568 -580 -579 -578 -577 -576 -2071 -2072
117	1	45.00	-597 -598 -599 -600 -601 -605 -610 -612 -2035 -2036 -2037 -2038 -625 -645 -644 -643 -642 -614 -613 -603
118	1	315.00	-610 -612 -2035 -2036 -2037 -2038 -625 -645 -646 -647 -648 -649 -618 -611 -609 -608 -607 -606 -605
119	1	315.00	-552 -553 -554 -555 -564 -566 -584 -583 -582 -581 -580 -568 -562 -556
120	7	0.00	-592 -593 -594 -595 -1939 -1954
121	7	0.00	-595 -596 -575 -1939
122	7	90.00	-586 -591 -592 -1954 -574 -573
123	7	90.00	-592 -593 -594 -595 -1939 -1954
124	7	90.00	-595 -596 -575 -1939
125	8	90.00	-2103 -2104 -2075 -549 -548 -547 -546 -545 -544 -2090
200	9	0.00	-1031 -1032 -1033 -1034 -1050 -1052 -1054 -1060 -1065 -1064 -1063 -1062 -1058 -1053
201	9	0.00	-1034 -1035 -1036 -2092 -1037 -1051 -1056 -2112 -1067 -1946 -1962 -1066 -1065 -1060 -1054 -1052 -1050
202	9	0.00	-1062 -1063 -1064 -1065 -1073 -1079 -1108 -2182 -1120 -1119 -1118 -1117 -1113 -1105 -1089 -1076 -1074
203	13	90.00	-1045 -1046 -1047 -1048 -1057 -1059 -1072 -1071 -1070 -1069 -1068 -1061 -1055 -1049
204	9	0.00	-1099 -1102 -1918 -1107 -1112 -1115 -1135 -1136 -1137 -1138 -1139 -1106 -1098 -1095 -1094 -1093 -1092 -1097
205	9	0.00	-1084 -1085 -1086 -1087 -1088 -1092 -1097 -1099 -1102 -1918 -1107 -1112 -1115 -1135 -1134 -1133 -1132 -1101 -1100 -1096 -1090
206	9	0.00	-1082 -1083 -1084 -1090 -1096 -1100 -1101 -1132 -1131 -1130 -1129 -1128 -1127 -1116 -1110
207	14	0.00	-1079 -1080 -1091 -1103 -1109 -1108
208	7	90.00	-1073 -1079 -1080 -1962 -1066 -1065
209	7	90.00	-1080 -1081 -1946 -1962
210	7	90.00	-1081 -1082 -1067 -1946
211	7	0.00	-1073 -1079 -1080 -1962 -1066 -1065

212	7	0.00	-1080 -1081 -1946 -1962
213	7	0.00	-1081 -1082 -1067 -1946
300	4	0.00	-1776 -1777 -1778 -1779 -1795 -1797 -2002 -1804 -1809 -1808 -1807 -1806 -1802 -1798
301	4	0.00	-1779 -1780 -1781 -2102 -1782 -1796 -1800 -2120 -1810 -1952 -1968 -1909 -1809 -1804 -2002 -1797 -1795
302	4	0.00	-1806 -1807 -1808 -1809 -1815 -1817 -1824 -1850 -2197 -1861 -1860 -1859 -1858 -1854 -1847 -1833 -1821 -1816
303	4	0.00	-1824 -1825 -1835 -1846 -1851 -2176 -1855 -1865 -1864 -1863 -1862 -2149 -1861 -2197 -1850
304	4	0.00	-1826 -1827 -1828 -1834 -1841 -1844 -1873 -1872 -1871 -1870 -1869 -1868 -1857 -1852
305	6	90.00	-1828 -1829 -1830 -1831 -1832 -1836 -1842 -1932 -1845 -1928 -1849 -1853 -1856 -1876 -1875 -1874 -1873 -1844 -1841 -1834
306	6	90.00	-1842 -1932 -1845 -1928 -1849 -1853 -1856 -1876 -1877 -1878 -1879 -1880 -1848 -1843 -1840 -1839 -1838 -1837 -1836
307	6	0.00	-1790 -1791 -1792 -1793 -1801 -1803 -1814 -1813 -1812 -1811 -1805 -1799 -1794
308	7	0.00	-1809 -1909 -1968 -1825 -1824 -1817 -1815
309	7	0.00	-1968 -1952 -1972 -1825
310	7	0.00	-1952 -1810 -1818 -1826 -1972
311	7	90.00	-1809 -1909 -1968 -1825 -1824 -1817 -1815
312	7	90.00	-1968 -1952 -1972 -1825
313	7	90.00	-1952 -1810 -1818 -1826 -1972
400	12	0.00	-1904 -1895 -1896 -1897 -1898 -1905
401	12	0.00	-1895 -1776 -1777 -1778 -1779 -1898 -1897 -1896
402	12	0.00	-1861 -1860 -1859 -1858 -1904 -1905 -1899
403	12	0.00	-1865 -1864 -1863 -1862 -2149 -1861 -1899 -1905 -1906 -1900
404	12	0.00	-1905 -1898 -1779 -1780 -1781 -2102 -1782 -1901 -1907 -1906
405	12	0.00	-1868 -1867 -1866 -1865 -1900 -1906 -1907 -1888
406	12	0.00	-1782 -1783 -1784 -1785 -1786 -1787 -2087 -1788 -1789 -1790 -1902 -1908 -1907 -1901
407	12	0.00	-1790 -1791 -1792 -1793 -1903 -1908 -1902
408	12	0.00	-1894 -1885 -1883 -1882 -1876 -1875 -1874 -1873 -1881 -1884 -1890 -1891 -1892 -1893
409	12	0.00	-1873 -1872 -1871 -1870 -1869 -1868 -1888 -1889 -1890 -1884 -1881
410	12	0.00	-1908 -1894 -1893 -1892 -1891 -1890 -1889 -1888 -1907
411	12	90.00	-1793 -1801 -1803 -1814 -1903
412	12	90.00	-1814 -1820 -1823 -1840 -1887 -1908 -1903
413	12	90.00	-1840 -1843 -1848 -1880 -1887
414	12	0.00	-1880 -1879 -1878 -1877 -1876 -1882 -1883 -1885 -1886 -1887
415	12	0.00	-1887 -1886 -1885 -1894 -1908
600	11	90.00	-1146 -1147 -1148 -1149 -1150 -1151 -2078 -1152 -1153 -1154 -1158 -1163 -1169 -1175 -1181 -1183 -1193 -1192 -1191 -1190 -1189 -1188 -1187 -1174 -2113 -1164 -1160

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	Perm.Non Strut.: scale ascensore	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 concentrate

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>
-2151	3330.00	3330.00	0.00	0.00	0.00	0.00
-393	5660.00	5660.00	0.00	0.00	0.00	0.00

Nodo	Mx <kg>	My <kg>	Mz <kg>	Jx <m4>	Jy <m4>	Jz <m4>
-2150	3330.00	3330.00	0.00	0.00	0.00	0.00
-392	5660.00	5660.00	0.00	0.00	0.00	0.00

Elenco carichi nodi
Condizione di carico n. 7: Perm.Non Strut.: scale_ascensore
Masse concentrate

Nodo	Mx <kg>	My <kg>	Mz <kg>	Jx <m4>	Jy <m4>	Jz <m4>
-2182	175.00	175.00	0.00	0.00	0.00	0.00

Nodo	Mx <kg>	My <kg>	Mz <kg>	Jx <m4>	Jy <m4>	Jz <m4>
-1114	175.00	175.00	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 tab	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_tab	21.00	21.32
11	Fond 90x145	1.305000	Muratura in pietra_LC2_tab	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	-560	-538	S	100	QPS	ZG	0.00	3.72	0.15	3.87
0	-560	-538	S	100	QPS	ZG	1.41	5.13	1.86	5.13
0	-560	-538	S	100	QPS	ZG	0.15	3.87	1.03	4.75
0	-538	-539	S	114	QPS	ZG	1.86	1.86	3.24	3.24
0	-538	-539	S	100	QPS	ZG	3.04	2.08	3.24	1.89
0	-565	-560	S	114	QPS	ZG	0.48	3.24	1.86	1.86
0	-539	-540	S	100	QPS	ZG	0.00	1.89	1.28	0.61
0	-539	-540	S	114	QPS	ZG	0.00	3.24	0.48	3.72
0	-569	-565	S	114	QPS	ZG	1.06	4.52	1.86	3.72
0	-569	-565	S	114	QPS	ZG	0.00	5.13	0.46	5.13

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-560	-538	S	114	QPS	ZG	0.00	1.86	1.86	0.00
0	-560	-538	S	100	QPS	ZG	1.03	4.75	1.41	5.13
0	-538	-539	S	100	QPS	ZG	0.00	5.13	3.04	2.08
0	-538	-539	S	114	QPS	ZG	0.00	0.00	1.86	1.86
0	-565	-560	S	100	QPS	ZG	0.00	1.86	1.86	3.72
0	-565	-560	S	114	QPS	ZG	0.00	3.72	0.48	3.24
0	-539	-540	S	114	QPS	ZG	0.48	3.72	1.28	4.52
0	-569	-565	S	100	QPS	ZG	0.00	0.00	1.05	1.05
0	-569	-565	S	114	QPS	ZG	0.46	5.13	1.06	4.52
0	-569	-565	S	100	QPS	ZG	1.05	1.05	1.86	1.86

0	-1053	-1031	S	200	QPS	ZG	0.00	4.10	1.86	4.10
0	-540	-541	S	114	QPS	ZG	0.00	4.52	0.61	5.13
0	-557	-541	S	115	QPS	ZG	0.00	1.00	1.00	0.00
0	-557	-541	S	114	QPS	ZG	0.00	4.58	0.55	5.13
0	-569	-570	S	100	QPS	ZG	0.00	0.00	1.05	1.05
0	-569	-570	S	114	QPS	ZG	0.55	4.58	0.75	4.38
0	-569	-570	S	113	QPS	ZG	0.00	0.00	1.05	1.05
0	-569	-570	S	101	QPS	ZG	0.00	5.13	0.51	4.62
0	-559	-557	S	115	QPS	ZG	0.00	1.21	0.20	1.00
0	-559	-557	S	102	QPS	ZG	0.00	4.48	0.20	4.69
0	-541	-542	S	115	QPS	ZG	2.08	2.08	2.46	2.46
0	-541	-542	S	115	QPS	ZG	0.00	0.00	1.21	1.21
0	-541	-542	S	102	QPS	ZG	0.10	5.69	1.64	4.15
0	-542	-543	S	115	QPS	ZG	0.00	2.46	1.27	3.73
0	-1050	-1034	S	200	QPS	ZG	0.00	4.10	1.00	4.10
0	-587	-569	S	101	QPS	ZG	0.00	5.13	0.05	5.13
0	-587	-569	S	101	QPS	ZG	0.05	5.13	0.86	5.13
0	-588	-587	S	113	QPS	ZG	0.07	1.05	0.25	0.86
0	-602	-588	S	101	QPS	ZG	0.00	4.92	0.21	5.13
0	-602	-588	S	101	QPS	ZG	0.21	5.13	1.24	5.13
0	-570	-571	S	114	QPS	ZG	0.58	3.50	2.82	1.26
0	-570	-571	S	113	QPS	ZG	1.31	2.36	2.82	3.87
0	-570	-571	S	101	QPS	ZG	2.40	1.68	2.82	1.26
0	-570	-571	S	100	QPS	ZG	2.67	3.72	2.82	3.87
0	-571	-572	S	100	QPS	ZG	0.00	3.87	0.88	4.75
0	-571	-572	S	114	QPS	ZG	0.00	1.26	0.25	1.01
0	-571	-572	S	113	QPS	ZG	0.00	3.87	0.13	4.00
0	-571	-572	S	101	QPS	ZG	0.00	1.26	0.61	0.65
0	-1062	-1058	S	200	QPS	ZG	0.00	4.10	1.86	4.10
0	-561	-559	S	115	QPS	ZG	0.00	2.08	0.88	1.21
0	-561	-559	S	114	QPS	ZG	0.00	3.50	0.58	4.08
0	-561	-559	S	102	QPS	ZG	0.00	3.60	0.28	3.88
0	-1798	-1776	S	300	QPS	ZG	0.00	2.00	1.86	2.00
0	-623	-617	S	113	QPS	ZG	0.89	4.75	1.64	4.00
0	-623	-617	S	113	QPS	ZG	0.00	5.13	0.51	5.13
0	-1074	-1062	S	202	QPS	ZG	0.00	4.10	0.86	4.10
0	-1052	-1050	S	201	QPS	ZG	0.00	4.63	0.20	4.63
0	-1089	-1076	S	202	QPS	ZG	0.00	4.10	1.24	4.10
0	-567	-561	S	115	QPS	ZG	2.12	2.46	2.49	2.08
0	-567	-561	S	115	QPS	ZG	0.25	4.32	0.84	3.73
0	-567	-561	S	114	QPS	ZG	0.25	1.26	2.49	3.50
0	-567	-561	S	102	QPS	ZG	1.11	2.22	2.49	3.60
0	-567	-561	S	102	QPS	ZG	0.00	1.08	0.49	1.60
0	-543	-2090	S	102	QPS	ZG	0.00	2.06	0.59	1.47
0	-1054	-1052	S	200	QPS	ZG	0.00	4.10	0.88	4.10
0	-617	-602	S	101	QPS	ZG	0.00	3.28	1.14	4.42
0	-617	-602	S	113	QPS	ZG	0.00	4.00	0.13	3.87
0	-2090	-544	S	102	QPS	ZG	0.00	1.47	0.42	1.05
0	-2090	-544	S	115	QPS	ZG	0.25	4.58	1.26	5.58
0	-2090	-544	S	102	QPS	ZG	0.42	1.05	1.47	0.00
0	-573	-567	S	115	QPS	ZG	0.00	5.58	1.01	4.58
0	-573	-567	S	102	QPS	ZG	0.00	0.00	1.01	1.08
0	-572	-573	S	100	QPS	ZG	0.00	4.75	0.38	5.13
0	-572	-573	S	113	QPS	ZG	0.00	4.75	0.38	5.13
0	-586	-573	S	101	QPS	ZG	0.00	0.65	0.27	0.38
0	-586	-573	S	113	QPS	ZG	0.00	5.13	0.14	5.13
0	-586	-573	S	109	QPS	ZG	0.00	2.22	0.55	2.22
0	-544	-558	S	102	QPS	ZG	0.00	0.00	1.05	1.05
0	-544	-558	S	107	QPS	ZG	0.00	6.52	1.05	6.52
0	-591	-586	S	101	QPS	ZG	0.00	1.68	0.42	1.26
0	-591	-586	S	109	QPS	ZG	0.00	2.22	1.03	2.22
0	-1117	-1113	S	202	QPS	ZG	0.00	4.10	1.64	4.10
0	-574	-573	S	122	QPS	ZG	0.00	1.57	1.60	1.68
0	-574	-573	S	115	QPS	ZG	0.42	4.90	1.41	5.95
0	-574	-573	S	109	QPS	ZG	0.00	0.10	1.60	0.00
0	-1954	-574	S	102	QPS	ZG	0.00	2.22	0.62	1.60
0	-1954	-574	S	115	QPS	ZG	0.00	3.57	0.62	4.19
0	-591	-592	S	122	QPS	ZG	1.60	1.57	2.22	1.57
0	-619	-591	S	112	QPS	ZG	0.00	0.59	2.94	0.59
0	-619	-591	S	113	QPS	ZG	0.00	2.65	2.47	5.13
0	-1939	-1954	S	102	QPS	ZG	0.00	3.88	0.28	3.60
0	-1939	-1954	S	115	QPS	ZG	1.63	3.54	1.66	3.57
0	-1939	-1954	S	102	QPS	ZG	0.28	3.60	1.66	2.22
0	-592	-604	S	112	QPS	ZG	0.00	0.59	0.89	0.59
0	-1802	-1798	S	300	QPS	ZG	0.00	2.00	1.86	2.00
0	-1806	-1802	S	300	QPS	ZG	0.00	2.00	1.86	2.00
0	-1060	-1054	S	201	QPS	ZG	0.00	4.63	2.49	4.63
0	-558	-563	S	115	QPS	ZG	1.07	3.57	1.10	3.54
0	-558	-563	S	115	QPS	ZG	0.00	4.61	0.45	4.19

0	-540	-541	S	100	QPS	ZG	0.00	0.61	0.61	0.00
0	-557	-541	S	100	QPS	ZG	0.00	1.00	1.00	0.00
0	-557	-541	S	114	QPS	ZG	0.55	5.13	1.00	5.13
0	-557	-541	S	102	QPS	ZG	0.00	4.69	1.00	5.69
0	-569	-570	S	114	QPS	ZG	0.75	4.38	1.05	4.08
0	-569	-570	S	114	QPS	ZG	0.00	5.13	0.55	4.58
0	-569	-570	S	101	QPS	ZG	0.51	4.62	1.05	4.08
0	-559	-557	S	100	QPS	ZG	0.00	1.21	0.20	1.00
0	-559	-557	S	114	QPS	ZG	0.00	4.38	0.20	4.58
0	-541	-542	S	102	QPS	ZG	0.00	5.69	0.10	5.69
0	-541	-542	S	115	QPS	ZG	1.21	1.21	2.08	2.08
0	-541	-542	S	102	QPS	ZG	1.64	4.15	2.46	3.33
0	-542	-543	S	102	QPS	ZG	0.00	3.33	1.18	2.15
0	-542	-543	S	102	QPS	ZG	1.18	2.15	1.27	2.06
0	-1050	-1034	S	201	QPS	ZG	0.00	4.63	1.00	4.63
0	-587	-569	S	113	QPS	ZG	0.00	0.86	0.86	0.00
0	-588	-587	S	101	QPS	ZG	0.00	5.13	0.25	5.13
0	-588	-587	S	113	QPS	ZG	0.00	1.12	0.07	1.05
0	-602	-588	S	113	QPS	ZG	0.00	2.36	1.24	1.12
0	-570	-571	S	100	QPS	ZG	0.00	1.05	0.81	1.86
0	-570	-571	S	114	QPS	ZG	0.00	4.08	0.58	3.50
0	-570	-571	S	113	QPS	ZG	0.00	1.05	1.31	2.36
0	-570	-571	S	101	QPS	ZG	0.00	4.08	2.40	1.68
0	-570	-571	S	100	QPS	ZG	0.81	1.86	2.67	3.72
0	-571	-572	S	114	QPS	ZG	0.25	1.01	0.88	0.38
0	-571	-572	S	113	QPS	ZG	0.13	4.00	0.88	4.75
0	-571	-572	S	101	QPS	ZG	0.61	0.65	0.88	0.38
0	-1058	-1053	S	200	QPS	ZG	0.00	4.10	1.86	4.10
0	-561	-559	S	100	QPS	ZG	0.00	2.08	0.20	1.89
0	-561	-559	S	114	QPS	ZG	0.58	4.08	0.88	4.38
0	-561	-559	S	102	QPS	ZG	0.28	3.88	0.88	4.49
0	-561	-559	S	100	QPS	ZG	0.20	1.89	0.88	1.21
0	-623	-617	S	101	QPS	ZG	0.00	1.64	1.54	3.18
0	-623	-617	S	113	QPS	ZG	0.51	5.13	0.89	4.75
0	-623	-617	S	101	QPS	ZG	1.54	3.18	1.64	3.28
0	-1052	-1050	S	200	QPS	ZG	0.00	4.10	0.20	4.10
0	-1076	-1074	S	202	QPS	ZG	0.00	4.10	0.25	4.10
0	-567	-561	S	100	QPS	ZG	0.00	4.58	2.49	2.08
0	-567	-561	S	115	QPS	ZG	0.84	3.73	2.12	2.46
0	-567	-561	S	115	QPS	ZG	0.00	4.57	0.25	4.32
0	-567	-561	S	114	QPS	ZG	0.00	1.01	0.25	1.26
0	-567	-561	S	102	QPS	ZG	0.49	1.60	1.11	2.22
0	-1816	-1806	S	302	QPS	ZG	0.00	2.00	0.86	2.00
0	-543	-2090	S	115	QPS	ZG	0.00	3.73	0.59	4.32
0	-1054	-1052	S	201	QPS	ZG	0.00	4.63	0.88	4.63
0	-617	-602	S	113	QPS	ZG	0.13	3.87	1.64	2.36
0	-617	-602	S	101	QPS	ZG	1.14	4.42	1.64	4.92
0	-2090	-544	S	115	QPS	ZG	1.26	5.58	1.47	5.60
0	-2090	-544	S	115	QPS	ZG	0.00	4.32	0.25	4.58
0	-573	-567	S	100	QPS	ZG	0.00	5.13	0.46	5.13
0	-573	-567	S	114	QPS	ZG	0.00	0.00	1.01	1.01
0	-573	-567	S	100	QPS	ZG	0.46	5.13	1.01	4.58
0	-572	-573	S	114	QPS	ZG	0.00	0.38	0.38	0.00
0	-572	-573	S	101	QPS	ZG	0.00	0.38	0.38	0.00
0	-586	-573	S	113	QPS	ZG	0.14	5.13	0.65	5.13
0	-586	-573	S	109	QPS	ZG	0.55	1.60	0.65	0.00
0	-586	-573	S	101	QPS	ZG	0.27	0.38	0.65	0.00
0	-544	-558	S	115	QPS	ZG	0.00	5.60	1.05	4.61
0	-1037	-1051	S	201	QPS	ZG	0.00	4.63	1.05	4.63
0	-591	-586	S	113	QPS	ZG	0.00	5.13	1.03	5.13
0	-591	-586	S	101	QPS	ZG	0.42	1.26	1.03	0.65
0	-574	-573	S	102	QPS	ZG	0.00	1.49	0.52	1.01
0	-574	-573	S	115	QPS	ZG	1.41	5.95	1.60	5.94
0	-574	-573	S	115	QPS	ZG	0.00	4.46	0.42	4.90
0	-574	-573	S	102	QPS	ZG	0.52	1.01	1.60	0.00
0	-1954	-574	S	122	QPS	ZG	0.00	1.57	0.62	1.57
0	-591	-592	S	122	QPS	ZG	0.00	1.68	1.60	1.57
0	-619	-591	S	101	QPS	ZG	0.00	4.62	0.54	4.08
0	-619	-591	S	113	QPS	ZG	2.47	5.13	2.94	5.13
0	-619	-591	S	101	QPS	ZG	0.54	4.08	2.94	1.68
0	-1939	-1954	S	123	QPS	ZG	0.00	1.57	1.66	1.57
0	-1939	-1954	S	115	QPS	ZG	0.00	1.91	1.63	3.54
0	-592	-593	S	123	QPS	ZG	0.00	1.57	0.29	1.57
0	-593	-594	S	123	QPS	ZG	0.00	1.57	0.92	1.57
0	-1776	-1895	S	401	QPS	ZG	0.00	3.39	5.86	3.39
0	-1060	-1054	S	200	QPS	ZG	0.00	4.10	2.49	4.10
0	-558	-563	S	102	QPS	ZG	0.00	1.05	0.42	1.47
0	-558	-563	S	115	QPS	ZG	0.45	4.19	1.07	3.57
0	-558	-563	S	107	QPS	ZG	0.00	6.52	1.10	6.52

0	-558	-563	S	102	QPS	ZG	1.01	2.06	1.10	2.15
0	-563	-2110	S	102	QPS	ZG	0.00	2.15	1.18	3.33
0	-563	-2110	S	115	QPS	ZG	0.00	3.54	1.63	1.91
0	-563	-2110	S	102	QPS	ZG	1.18	3.33	2.00	4.15
0	-1795	-1779	S	301	QPS	ZG	0.00	2.26	1.00	2.26
0	-1797	-1795	S	301	QPS	ZG	0.00	2.26	0.20	2.26
0	-2002	-1797	S	301	QPS	ZG	0.00	2.26	0.88	2.26
0	-2071	-2072	S	116	QPS	ZG	0.00	4.15	1.80	2.35
0	-2071	-2072	S	103	QPS	ZG	0.46	2.00	1.80	3.34
0	-1105	-1089	S	202	QPS	ZG	0.00	4.10	1.64	4.10
0	-1065	-1060	S	201	QPS	ZG	0.00	4.63	1.01	4.63
0	-1073	-1065	S	202	QPS	ZG	0.00	4.10	0.65	4.10
0	-1073	-1065	S	211	QPS	ZG	0.00	2.22	0.55	2.22
0	-1066	-1065	S	201	QPS	ZG	0.00	0.22	1.60	0.30
0	-1066	-1065	S	208	QPS	ZG	0.00	1.57	1.60	1.68
0	-1809	-1804	S	301	QPS	ZG	0.00	2.26	1.01	2.26
0	-1147	-1148	S	600	QPS	ZG	0.00	4.40	0.28	4.40
0	-627	-623	S	113	QPS	ZG	0.00	5.13	1.64	5.13
0	-1962	-1080	S	212	QPS	ZG	0.00	1.66	1.57	1.66
0	-1804	-2002	S	301	QPS	ZG	0.00	2.26	2.49	2.26
0	-549	-2075	S	116	QPS	ZG	0.00	0.00	1.55	1.54
0	-1150	-1151	S	600	QPS	ZG	0.00	4.40	0.68	4.40
0	-2180	-619	S	113	QPS	ZG	0.00	1.33	1.33	2.65
0	-2075	-550	S	103	QPS	ZG	0.00	3.72	0.63	3.10
0	-629	-628	S	101	QPS	ZG	0.00	4.42	1.14	3.28
0	-629	-628	S	113	QPS	ZG	0.00	0.71	0.62	1.33
0	-1858	-1904	S	402	QPS	ZG	0.00	3.39	5.88	3.39
0	-1858	-1904	S	402	QPS	ZG	5.88	3.39	6.73	3.39
0	-1079	-1073	S	211	QPS	ZG	0.00	2.22	1.03	2.22
0	-1833	-1821	S	302	QPS	ZG	0.00	2.00	1.24	2.00
0	-1946	-1962	S	209	QPS	ZG	0.00	1.57	1.66	1.57
0	-2072	-549	S	116	QPS	ZG	0.80	1.55	2.35	0.00
0	-2072	-549	S	116	QPS	ZG	0.00	2.35	0.18	2.17
0	-2072	-549	S	103	QPS	ZG	1.93	5.27	2.35	5.27
0	-1051	-1056	S	201	QPS	ZG	0.00	4.63	1.10	4.63
0	-1149	-1150	S	600	QPS	ZG	0.00	4.40	0.28	4.40
0	-1954	-592	S	120	QPS	ZG	0.00	1.66	1.57	1.66
0	-1939	-595	S	120	QPS	ZG	0.00	1.66	1.57	1.66
0	-594	-595	S	123	QPS	ZG	0.00	1.57	0.45	1.57
0	-595	-596	S	124	QPS	ZG	0.00	1.57	1.91	1.65
0	-628	-627	S	113	QPS	ZG	0.71	2.65	3.18	5.13
0	-628	-627	S	101	QPS	ZG	1.54	1.64	3.18	0.00
0	-630	-2180	S	113	QPS	ZG	0.00	0.00	1.33	1.33
0	-630	-2180	S	101	QPS	ZG	1.03	5.13	1.28	5.13
0	-1821	-1816	S	302	QPS	ZG	0.00	2.00	0.25	2.00
0	-1782	-1796	S	301	QPS	ZG	0.00	2.26	1.05	2.26
0	-2150	-2151	S	--	M	ZG	0.00	1.50	3.18	1.50
0	-575	-1939	S	102	QPS	ZG	0.00	5.69	0.10	5.69
0	-575	-1939	S	115	QPS	ZG	1.54	1.54	1.91	1.91
0	-575	-1939	S	102	QPS	ZG	1.30	4.49	1.91	3.88
0	-575	-1939	S	102	QPS	ZG	0.10	5.69	1.10	4.69
0	-1108	-1079	S	202	QPS	ZG	0.00	4.10	2.94	4.10
0	-1859	-1858	S	402	QPS	ZG	0.00	0.00	3.18	0.00
0	-2110	-575	S	115	QPS	ZG	0.00	1.54	1.54	0.00
0	-615	-620	S	112	QPS	ZG	0.00	0.59	0.97	0.59
0	-1079	-1080	S	208	QPS	ZG	1.60	1.57	2.22	1.57
0	-1946	-1081	S	212	QPS	ZG	0.00	1.66	1.57	1.66
0	-1067	-1946	S	210	QPS	ZG	0.00	1.65	1.91	1.57
0	-630	-629	S	113	QPS	ZG	0.00	0.00	0.71	0.71
0	-1815	-1809	S	302	QPS	ZG	0.00	2.00	0.65	2.00
0	-1815	-1809	S	308	QPS	ZG	0.00	2.22	0.55	2.22
0	-575	-596	S	121	QPS	ZG	0.00	1.91	1.57	1.91
0	-1817	-1815	S	302	QPS	ZG	0.00	2.00	0.21	2.00
0	-596	-621	S	108	QPS	ZG	0.00	6.52	3.31	6.52
0	-1898	-1779	S	401	QPS	ZG	0.00	3.39	5.86	3.39
0	-1898	-1779	S	404	QPS	ZG	0.00	3.82	5.86	3.82
0	-550	-551	S	116	QPS	ZG	0.18	2.35	1.28	3.45
0	-1824	-1825	S	311	QPS	ZG	0.00	1.68	1.60	1.57
0	-1782	-1901	S	404	QPS	ZG	0.00	3.82	5.86	3.82
0	-1782	-1901	S	404	QPS	ZG	5.86	3.82	5.97	3.82
0	-603	-597	S	105	QPS	ZG	0.00	0.81	0.81	0.00
0	-603	-597	S	117	QPS	ZG	0.00	4.71	0.56	5.27
0	-613	-603	S	105	QPS	ZG	0.00	0.99	0.18	0.81
0	-613	-603	S	108	QPS	ZG	0.00	6.52	0.18	6.52
0	-1809	-1909	S	311	QPS	ZG	0.00	1.68	1.60	1.57
0	-577	-576	S	103	QPS	ZG	0.00	0.88	0.88	0.00
0	-577	-576	S	116	QPS	ZG	0.00	4.39	0.25	4.64
0	-1056	-2112	S	201	QPS	ZG	0.00	4.63	2.00	4.63
0	-2112	-1067	S	201	QPS	ZG	1.44	4.63	1.54	3.35

0	-558	-563	S	102	QPS	ZG	0.42	1.47	1.01	2.06
0	-563	-2110	S	115	QPS	ZG	1.63	1.91	2.00	1.54
0	-563	-2110	S	107	QPS	ZG	0.00	6.52	2.00	6.52
0	-1795	-1779	S	300	QPS	ZG	0.00	2.00	1.00	2.00
0	-1797	-1795	S	300	QPS	ZG	0.00	2.00	0.20	2.00
0	-2002	-1797	S	300	QPS	ZG	0.00	2.00	0.88	2.00
0	-2071	-2072	S	103	QPS	ZG	0.00	1.54	0.46	2.00
0	-2071	-2072	S	107	QPS	ZG	0.00	6.52	1.80	6.52
0	-1780	-1781	S	404	QPS	ZG	0.00	0.00	1.27	0.00
0	-1065	-1060	S	200	QPS	ZG	0.00	4.10	1.01	4.10
0	-1113	-1105	S	202	QPS	ZG	0.00	4.10	1.64	4.10
0	-1073	-1065	S	211	QPS	ZG	0.55	1.60	0.65	0.00
0	-1895	-1904	S	400	QPS	ZG	0.00	3.39	0.91	3.39
0	-1066	-1065	S	211	QPS	ZG	0.00	0.10	1.60	0.00
0	-1809	-1804	S	300	QPS	ZG	0.00	2.00	1.01	2.00
0	-1146	-1147	S	600	QPS	ZG	0.00	4.40	0.71	4.40
0	-627	-623	S	101	QPS	ZG	0.00	0.00	1.64	1.64
0	-1962	-1080	S	211	QPS	ZG	0.00	2.22	1.57	2.22
0	-1804	-2002	S	300	QPS	ZG	0.00	2.00	2.49	2.00
0	-549	-2075	S	103	QPS	ZG	0.00	5.27	0.03	5.24
0	-549	-2075	S	103	QPS	ZG	0.03	5.24	1.55	3.72
0	-2180	-619	S	101	QPS	ZG	0.00	5.13	0.82	5.13
0	-2180	-619	S	101	QPS	ZG	0.82	5.13	1.33	4.62
0	-2075	-550	S	116	QPS	ZG	0.00	1.54	0.63	2.17
0	-629	-628	S	113	QPS	ZG	0.62	1.33	1.24	1.95
0	-629	-628	S	101	QPS	ZG	1.14	3.28	1.24	3.18
0	-1858	-1904	S	402	QPS	ZG	6.73	3.39	6.73	0.00
0	-1079	-1073	S	202	QPS	ZG	0.00	4.10	1.03	4.10
0	-392	-393	S	--	M	ZG	0.00	2.40	3.18	2.40
0	-1858	-1854	S	302	QPS	ZG	0.00	2.00	1.64	2.00
0	-2072	-549	S	103	QPS	ZG	0.00	3.34	1.51	4.85
0	-2072	-549	S	116	QPS	ZG	0.18	2.17	0.80	1.55
0	-2072	-549	S	107	QPS	ZG	0.00	6.52	2.35	6.52
0	-2072	-549	S	103	QPS	ZG	1.51	4.85	1.93	5.27
0	-1148	-1149	S	600	QPS	ZG	0.00	4.40	1.33	4.40
0	-1954	-592	S	109	QPS	ZG	0.00	2.22	1.57	2.22
0	-1151	-2078	S	600	QPS	ZG	0.00	4.40	1.55	4.40
0	-1939	-595	S	121	QPS	ZG	0.00	1.91	1.57	1.91
0	-595	-596	S	121	QPS	ZG	0.00	0.07	1.91	0.00
0	-628	-627	S	101	QPS	ZG	0.00	3.18	1.54	1.64
0	-628	-627	S	113	QPS	ZG	0.00	1.95	0.71	2.65
0	-630	-2180	S	101	QPS	ZG	0.00	5.13	1.03	5.13
0	-630	-2180	S	101	QPS	ZG	1.28	5.13	1.33	5.13
0	-1962	-1066	S	208	QPS	ZG	0.00	1.57	0.62	1.57
0	-1854	-1847	S	302	QPS	ZG	0.00	2.00	1.64	2.00
0	-2150	-2151	S	--	M	ZG	0.00	1.50	3.18	1.50
0	-1847	-1833	S	302	QPS	ZG	0.00	2.00	1.64	2.00
0	-575	-1939	S	124	QPS	ZG	0.00	1.65	1.91	1.57
0	-575	-1939	S	115	QPS	ZG	0.00	0.00	1.54	1.54
0	-575	-1939	S	102	QPS	ZG	1.10	4.69	1.30	4.49
0	-604	-615	S	112	QPS	ZG	0.00	0.59	1.08	0.59
0	-1108	-1079	S	207	QPS	ZG	0.00	0.59	2.94	0.59
0	-2110	-575	S	102	QPS	ZG	0.00	4.15	1.54	5.69
0	-2110	-575	S	107	QPS	ZG	0.00	6.52	1.54	6.52
0	-1079	-1080	S	208	QPS	ZG	0.00	1.68	1.60	1.57
0	-1080	-1091	S	207	QPS	ZG	0.00	0.59	0.89	0.59
0	-1946	-1081	S	213	QPS	ZG	0.00	1.91	1.57	1.91
0	-630	-629	S	101	QPS	ZG	0.00	5.13	0.21	4.92
0	-630	-629	S	101	QPS	ZG	0.21	4.92	0.71	4.42
0	-1815	-1809	S	308	QPS	ZG	0.55	1.60	0.65	0.00
0	-2078	-1152	S	600	QPS	ZG	0.00	4.40	0.63	4.40
0	-575	-596	S	121	QPS	ZG	1.57	1.91	1.65	0.00
0	-1817	-1815	S	308	QPS	ZG	0.00	2.22	0.21	2.22
0	-1080	-1081	S	209	QPS	ZG	0.00	1.57	1.66	1.57
0	-1898	-1779	S	404	QPS	ZG	5.86	2.46	5.86	1.62
0	-550	-551	S	103	QPS	ZG	0.00	3.10	1.28	1.82
0	-550	-551	S	116	QPS	ZG	0.00	2.17	0.18	2.35
0	-1824	-1825	S	311	QPS	ZG	1.60	1.57	2.22	1.57
0	-1782	-1901	S	406	QPS	ZG	0.00	5.63	5.97	5.63
0	-575	-576	S	110	QPS	ZG	0.00	3.30	3.26	3.30
0	-603	-597	S	117	QPS	ZG	0.56	5.27	0.81	5.27
0	-603	-597	S	108	QPS	ZG	0.00	6.52	0.81	6.52
0	-613	-603	S	117	QPS	ZG	0.00	4.53	0.18	4.71
0	-1809	-1909	S	301	QPS	ZG	0.00	0.15	1.60	0.11
0	-1809	-1909	S	308	QPS	ZG	0.00	0.00	1.60	0.10
0	-577	-576	S	116	QPS	ZG	0.25	4.64	0.88	5.27
0	-577	-576	S	106	QPS	ZG	0.00	3.30	0.88	3.30
0	-2112	-1067	S	201	QPS	ZG	0.00	4.63	1.44	4.63
0	-1796	-1800	S	301	QPS	ZG	0.00	2.26	1.10	2.26

0	-576	-2071	S	103	QPS	ZG	0.00	0.00	0.88	0.88
0	-576	-2071	S	116	QPS	ZG	0.00	5.27	0.42	5.27
0	-576	-2071	S	103	QPS	ZG	0.88	0.88	1.54	1.54
0	-614	-613	S	105	QPS	ZG	0.00	1.96	0.97	0.99
0	-614	-613	S	108	QPS	ZG	0.00	6.52	0.97	6.52
0	-1081	-1082	S	213	QPS	ZG	0.00	0.07	1.91	0.00
0	-1824	-1817	S	302	QPS	ZG	0.00	2.00	0.81	2.00
0	-1909	-1968	S	311	QPS	ZG	0.00	1.57	0.62	1.57
0	-1850	-1824	S	303	QPS	ZG	0.00	0.87	2.94	0.87
0	-1067	-1082	S	213	QPS	ZG	1.57	1.91	1.65	0.00
0	-1968	-1825	S	309	QPS	ZG	0.00	1.66	1.57	1.66
0	-2120	-1810	S	301	QPS	ZG	1.44	2.26	1.54	1.63
0	-1091	-1103	S	207	QPS	ZG	0.00	0.59	1.08	0.59
0	-1861	-1899	S	403	QPS	ZG	0.00	1.47	5.88	1.47
0	-1861	-1899	S	402	QPS	ZG	0.00	0.47	0.00	1.29
0	-1835	-1846	S	303	QPS	ZG	0.00	0.87	1.08	0.87
0	-551	-552	S	116	QPS	ZG	0.70	4.15	1.82	5.27
0	-551	-552	S	103	QPS	ZG	0.77	1.05	1.82	0.00
0	-1120	-2182	S	202	QPS	ZG	0.00	4.10	1.33	4.10
0	-556	-562	S	119	QPS	ZG	0.21	1.26	1.05	2.10
0	-556	-562	S	116	QPS	ZG	0.25	4.39	1.05	3.59
0	-556	-562	S	104	QPS	ZG	0.55	4.09	1.05	3.59
0	-556	-562	S	103	QPS	ZG	0.77	1.82	1.05	2.10
0	-553	-554	S	104	QPS	ZG	0.00	4.44	0.15	4.29
0	-553	-554	S	119	QPS	ZG	0.00	1.26	0.84	2.10
0	-553	-554	S	104	QPS	ZG	0.15	4.29	1.27	3.17
0	-596	-597	S	110	QPS	ZG	0.00	3.30	3.26	3.30
0	-577	-578	S	116	QPS	ZG	0.80	3.59	1.12	3.27
0	-577	-578	S	106	QPS	ZG	0.00	3.30	1.12	3.30
0	-621	-626	S	108	QPS	ZG	0.00	6.52	1.02	6.52
0	-1968	-1952	S	312	QPS	ZG	0.00	1.57	1.66	1.57
0	-1952	-1972	S	309	QPS	ZG	0.00	1.66	1.57	1.66
0	-2176	-1855	S	303	QPS	ZG	0.00	0.87	0.88	0.87
0	-1952	-1810	S	313	QPS	ZG	0.00	1.57	1.91	1.65
0	-1152	-1153	S	600	QPS	ZG	0.00	4.40	1.28	4.40
0	-2197	-1850	S	302	QPS	ZG	0.00	2.00	1.33	2.00
0	-1900	-1865	S	403	QPS	ZG	0.00	1.47	5.88	1.47
0	-1900	-1865	S	405	QPS	ZG	5.88	1.41	5.88	0.51
0	-1900	-1865	S	405	QPS	ZG	0.08	2.36	5.87	2.36
0	-1188	-1189	S	600	QPS	ZG	0.00	4.40	2.36	4.40
0	-552	-556	S	103	QPS	ZG	0.00	0.00	1.05	1.05
0	-552	-556	S	116	QPS	ZG	0.42	5.27	1.05	4.64
0	-552	-556	S	104	QPS	ZG	0.00	5.69	1.05	4.64
0	-600	-601	S	105	QPS	ZG	0.00	3.76	1.51	5.27
0	-600	-601	S	117	QPS	ZG	0.23	1.28	0.52	0.99
0	-600	-601	S	106	QPS	ZG	0.00	3.30	1.51	3.30
0	-1972	-1826	S	310	QPS	ZG	0.00	0.07	1.91	0.00
0	-605	-610	S	105	QPS	ZG	0.00	4.71	0.18	4.53
0	-605	-610	S	117	QPS	ZG	0.00	0.81	0.18	0.99
0	-1901	-1907	S	404	QPS	ZG	0.00	3.82	0.80	3.82
0	-1901	-1907	S	404	QPS	ZG	0.80	1.45	0.80	0.00
0	-1861	-2197	S	303	QPS	ZG	0.00	0.87	1.33	0.87
0	-1826	-1852	S	304	QPS	ZG	0.00	1.27	3.31	1.27
0	-552	-553	S	119	QPS	ZG	1.05	1.05	1.26	1.26
0	-552	-553	S	104	QPS	ZG	0.01	5.69	1.26	4.44
0	-1046	-1047	S	203	QPS	ZG	0.00	4.84	1.30	4.84
0	-568	-580	S	119	QPS	ZG	0.00	5.24	0.45	5.69
0	-568	-580	S	116	QPS	ZG	0.00	0.45	0.03	0.42
0	-568	-580	S	103	QPS	ZG	0.03	5.27	0.45	5.27
0	-580	-579	S	116	QPS	ZG	0.00	0.00	0.42	0.42
0	-597	-598	S	105	QPS	ZG	0.00	0.00	0.81	0.81
0	-597	-598	S	117	QPS	ZG	0.00	5.27	1.80	3.47
0	-597	-598	S	105	QPS	ZG	1.96	1.96	2.54	2.54
0	-597	-598	S	105	QPS	ZG	0.81	0.81	0.99	0.99
0	-642	-614	S	117	QPS	ZG	1.55	1.55	3.56	3.56
0	-642	-614	S	108	QPS	ZG	0.00	6.52	3.56	6.52
0	-642	-614	S	105	QPS	ZG	1.76	3.76	1.88	3.64
0	-1846	-1851	S	303	QPS	ZG	0.00	0.87	0.97	0.87
0	-562	-568	S	103	QPS	ZG	0.00	2.10	1.00	3.10
0	-562	-568	S	119	QPS	ZG	0.00	2.10	0.46	2.56
0	-562	-568	S	116	QPS	ZG	0.00	3.59	0.32	3.27
0	-562	-568	S	104	QPS	ZG	0.00	3.59	2.57	1.02
0	-562	-568	S	103	QPS	ZG	1.00	3.10	1.62	3.72
0	-579	-578	S	116	QPS	ZG	0.03	0.45	2.85	3.27
0	-579	-578	S	106	QPS	ZG	0.00	3.30	2.85	3.30
0	-598	-599	S	105	QPS	ZG	0.00	2.54	1.10	3.64
0	-598	-599	S	117	QPS	ZG	0.77	1.96	0.89	1.84
0	-598	-599	S	117	QPS	ZG	0.00	2.73	0.12	2.61
0	-599	-600	S	105	QPS	ZG	0.00	3.64	0.12	3.76

0	-576	-2071	S	116	QPS	ZG	0.42	5.27	1.54	4.15
0	-576	-2071	S	107	QPS	ZG	0.00	6.52	1.54	6.52
0	-1800	-2120	S	301	QPS	ZG	0.00	2.26	2.00	2.26
0	-614	-613	S	117	QPS	ZG	0.00	3.56	0.97	4.53
0	-1081	-1082	S	210	QPS	ZG	0.00	1.57	1.91	1.65
0	-1103	-1109	S	207	QPS	ZG	0.00	0.59	0.97	0.59
0	-1824	-1817	S	308	QPS	ZG	0.00	2.22	0.81	2.22
0	-1850	-1824	S	302	QPS	ZG	0.00	2.00	2.94	2.00
0	-1067	-1082	S	213	QPS	ZG	0.00	1.91	1.57	1.91
0	-1968	-1825	S	308	QPS	ZG	0.00	2.22	1.57	2.22
0	-2120	-1810	S	301	QPS	ZG	0.00	2.26	1.44	2.26
0	-2182	-1108	S	202	QPS	ZG	0.00	4.10	1.33	4.10
0	-1861	-1899	S	402	QPS	ZG	0.00	3.39	5.88	3.39
0	-1861	-1899	S	402	QPS	ZG	0.00	1.29	0.00	3.39
0	-1861	-1899	S	402	QPS	ZG	0.00	0.00	0.00	0.47
0	-551	-552	S	103	QPS	ZG	0.00	1.82	0.77	1.05
0	-551	-552	S	116	QPS	ZG	0.00	3.45	0.70	4.15
0	-1825	-1835	S	303	QPS	ZG	0.00	0.87	0.89	0.87
0	-556	-562	S	103	QPS	ZG	0.00	1.05	0.77	1.82
0	-556	-562	S	119	QPS	ZG	0.00	1.05	0.21	1.26
0	-556	-562	S	116	QPS	ZG	0.00	4.64	0.25	4.39
0	-556	-562	S	104	QPS	ZG	0.00	4.64	0.55	4.09
0	-1861	-1860	S	402	QPS	ZG	0.00	0.00	0.71	0.00
0	-553	-554	S	119	QPS	ZG	0.84	2.10	1.30	2.56
0	-553	-554	S	104	QPS	ZG	1.27	3.17	1.30	3.14
0	-1045	-1046	S	203	QPS	ZG	0.00	4.84	1.26	4.84
0	-577	-578	S	103	QPS	ZG	0.00	0.88	0.66	1.54
0	-577	-578	S	116	QPS	ZG	0.00	4.39	0.80	3.59
0	-577	-578	S	103	QPS	ZG	0.66	1.54	1.12	2.00
0	-626	-637	S	108	QPS	ZG	0.00	6.52	1.19	6.52
0	-1082	-1110	S	206	QPS	ZG	0.00	2.61	3.31	2.61
0	-1952	-1972	S	310	QPS	ZG	0.00	1.91	1.57	1.91
0	-1187	-1188	S	600	QPS	ZG	0.00	4.40	0.90	4.40
0	-1860	-1859	S	402	QPS	ZG	0.00	0.00	1.24	0.00
0	-1851	-2176	S	303	QPS	ZG	0.00	0.87	0.45	0.87
0	-2197	-1850	S	303	QPS	ZG	0.00	0.87	1.33	0.87
0	-1900	-1865	S	405	QPS	ZG	5.88	0.51	5.88	0.00
0	-1900	-1865	S	405	QPS	ZG	5.87	2.36	5.88	1.41
0	-1900	-1865	S	405	QPS	ZG	0.00	2.36	0.08	2.36
0	-1825	-1972	S	312	QPS	ZG	0.00	1.57	1.66	1.57
0	-552	-556	S	119	QPS	ZG	0.00	0.00	1.05	1.05
0	-552	-556	S	116	QPS	ZG	0.00	5.27	0.42	5.27
0	-1153	-1154	S	600	QPS	ZG	0.00	4.40	1.82	4.40
0	-600	-601	S	117	QPS	ZG	0.52	0.99	1.51	0.00
0	-600	-601	S	117	QPS	ZG	0.00	1.51	0.23	1.28
0	-1810	-1818	S	310	QPS	ZG	0.00	1.91	0.76	1.91
0	-1972	-1826	S	313	QPS	ZG	0.00	1.57	1.91	1.65
0	-605	-610	S	118	QPS	ZG	0.00	0.00	0.18	0.18
0	-605	-610	S	111	QPS	ZG	0.00	4.71	0.18	4.53
0	-1901	-1907	S	406	QPS	ZG	0.00	5.63	0.80	5.63
0	-1861	-2197	S	302	QPS	ZG	0.00	2.00	1.33	2.00
0	-1110	-1116	S	206	QPS	ZG	0.00	2.61	1.02	2.61
0	-552	-553	S	104	QPS	ZG	0.00	5.69	0.01	5.69
0	-552	-553	S	119	QPS	ZG	0.00	0.00	1.05	1.05
0	-1866	-1865	S	405	QPS	ZG	0.00	0.00	0.77	0.00
0	-568	-580	S	103	QPS	ZG	0.00	5.24	0.03	5.27
0	-568	-580	S	116	QPS	ZG	0.03	0.42	0.45	0.00
0	-568	-580	S	104	QPS	ZG	0.00	0.45	0.45	0.00
0	-580	-579	S	103	QPS	ZG	0.00	5.27	0.42	4.85
0	-580	-579	S	106	QPS	ZG	0.00	3.30	0.42	3.30
0	-597	-598	S	117	QPS	ZG	1.80	3.47	2.54	2.73
0	-597	-598	S	106	QPS	ZG	0.00	3.30	2.54	3.30
0	-597	-598	S	105	QPS	ZG	0.99	0.99	1.96	1.96
0	-642	-614	S	105	QPS	ZG	0.00	5.27	0.25	5.27
0	-642	-614	S	117	QPS	ZG	0.00	0.00	1.55	1.55
0	-642	-614	S	105	QPS	ZG	1.88	3.64	3.56	1.96
0	-642	-614	S	105	QPS	ZG	0.25	5.27	1.76	3.76
0	-1855	-1865	S	303	QPS	ZG	0.00	0.87	1.33	0.87
0	-562	-568	S	119	QPS	ZG	0.46	2.56	3.14	5.24
0	-562	-568	S	116	QPS	ZG	0.32	3.27	3.14	0.45
0	-562	-568	S	104	QPS	ZG	2.57	1.02	3.14	0.45
0	-562	-568	S	103	QPS	ZG	1.62	3.72	3.14	5.24
0	-579	-578	S	103	QPS	ZG	0.00	4.85	1.51	3.34
0	-579	-578	S	116	QPS	ZG	0.00	0.42	0.03	0.45
0	-579	-578	S	103	QPS	ZG	1.51	3.34	2.85	2.00
0	-598	-599	S	117	QPS	ZG	0.89	1.84	1.10	1.63
0	-598	-599	S	117	QPS	ZG	0.12	2.61	0.77	1.96
0	-598	-599	S	106	QPS	ZG	0.00	3.30	1.10	3.30
0	-599	-600	S	117	QPS	ZG	0.00	1.63	0.12	1.51

0	-599	-600	S	106	QPS	ZG	0.00	3.30	0.12	3.30
0	-1090	-1084	S	206	QPS	ZG	0.00	2.61	0.81	2.61
0	-1096	-1090	S	206	QPS	ZG	0.00	2.61	0.18	2.61
0	-1100	-1096	S	206	QPS	ZG	0.00	2.61	0.41	2.61
0	-1818	-1826	S	310	QPS	ZG	0.81	1.91	0.89	0.00
0	-1888	-1868	S	409	QPS	ZG	5.80	0.49	5.80	0.00
0	-1888	-1868	S	409	QPS	ZG	5.79	1.72	5.79	1.47
0	-1867	-1866	S	405	QPS	ZG	0.00	0.00	1.37	0.00
0	-581	-580	S	104	QPS	ZG	0.00	0.20	0.20	0.00
0	-581	-580	S	119	QPS	ZG	0.00	5.50	0.19	5.69
0	-582	-581	S	119	QPS	ZG	0.00	4.68	0.82	5.50
0	-601	-605	S	105	QPS	ZG	0.00	5.27	0.25	5.27
0	-601	-605	S	105	QPS	ZG	0.25	5.27	0.81	4.71
0	-1101	-1100	S	205	QPS	ZG	0.00	4.22	0.56	4.22
0	-1116	-1127	S	206	QPS	ZG	0.00	2.61	1.19	2.61
0	-1132	-1101	S	206	QPS	ZG	0.00	2.61	3.56	2.61
0	-554	-555	S	104	QPS	ZG	0.00	3.14	3.14	0.00
0	-554	-555	S	119	QPS	ZG	2.68	5.24	3.13	5.69
0	-606	-605	S	111	QPS	ZG	0.00	4.71	0.23	4.71
0	-606	-605	S	118	QPS	ZG	0.00	0.23	0.05	0.18
0	-610	-612	S	118	QPS	ZG	0.05	0.23	0.29	0.47
0	-610	-612	S	117	QPS	ZG	0.00	0.99	0.29	1.28
0	-606	-607	S	111	QPS	ZG	0.00	4.71	0.76	4.71
0	-606	-607	S	118	QPS	ZG	0.24	0.47	0.80	1.03
0	-606	-607	S	111	QPS	ZG	0.76	4.71	0.85	4.62
0	-612	-2035	S	118	QPS	ZG	0.00	0.47	0.56	1.03
0	-612	-2035	S	117	QPS	ZG	0.00	1.28	0.35	1.63
0	-612	-2035	S	105	QPS	ZG	0.51	3.72	0.56	3.68
0	-2035	-2036	S	118	QPS	ZG	0.05	1.08	0.12	1.15
0	-2035	-2036	S	117	QPS	ZG	0.00	1.84	0.12	1.96
0	-2037	-2038	S	105	QPS	ZG	0.00	2.91	0.43	2.48
0	-2037	-2038	S	117	QPS	ZG	0.12	2.73	0.86	3.47
0	-2037	-2038	S	111	QPS	ZG	0.30	2.61	0.86	2.05
0	-2037	-2038	S	105	QPS	ZG	0.43	2.48	0.86	2.05
0	-1907	-1888	S	410	QPS	ZG	0.00	5.63	0.93	5.63
0	-1907	-1888	S	405	QPS	ZG	0.00	4.71	0.85	4.71
0	-1852	-1857	S	304	QPS	ZG	0.00	1.27	1.02	1.27
0	-1844	-1841	S	304	QPS	ZG	0.00	1.27	0.97	1.27
0	-583	-582	S	119	QPS	ZG	0.91	2.52	3.07	4.68
0	-583	-582	S	104	QPS	ZG	0.50	3.59	3.07	1.02
0	-2036	-2037	S	118	QPS	ZG	0.00	1.15	0.65	1.80
0	-2036	-2037	S	111	QPS	ZG	0.00	3.56	0.65	2.91
0	-608	-607	S	118	QPS	ZG	2.94	1.15	3.01	1.08
0	-608	-607	S	118	QPS	ZG	1.43	2.66	2.29	1.80
0	-608	-607	S	118	QPS	ZG	0.00	4.09	0.83	3.26
0	-1889	-1890	S	409	QPS	ZG	0.00	0.00	2.36	0.00
0	-1191	-1192	S	600	QPS	ZG	0.00	4.40	0.12	4.40
0	-1070	-1069	S	203	QPS	ZG	0.00	4.84	0.82	4.84
0	-584	-583	S	119	QPS	ZG	1.40	1.40	1.61	1.61
0	-584	-583	S	104	QPS	ZG	1.06	4.64	1.61	4.09
0	-555	-564	S	104	QPS	ZG	0.00	0.00	3.14	3.14
0	-555	-564	S	119	QPS	ZG	0.19	5.50	1.01	4.68
0	-555	-564	S	104	QPS	ZG	3.14	3.14	3.17	3.17
0	-2038	-625	S	118	QPS	ZG	0.00	2.66	0.60	3.26
0	-2038	-625	S	111	QPS	ZG	0.00	2.05	0.60	1.45
0	-625	-645	S	105	QPS	ZG	0.00	1.45	1.45	0.00
0	-625	-645	S	117	QPS	ZG	1.20	5.27	1.45	5.27
0	-625	-645	S	111	QPS	ZG	0.13	1.32	1.45	0.00
0	-1869	-1868	S	409	QPS	ZG	0.00	0.00	0.74	0.00
0	-1873	-1881	S	409	QPS	ZG	0.00	2.15	3.81	2.15
0	-1088	-1092	S	205	QPS	ZG	0.00	4.22	0.81	4.22
0	-643	-642	S	117	QPS	ZG	0.00	1.55	1.55	0.00
0	-643	-642	S	105	QPS	ZG	0.81	4.53	0.99	4.71
0	-644	-643	S	105	QPS	ZG	0.00	2.48	0.43	2.91
0	-644	-643	S	105	QPS	ZG	1.20	3.68	1.25	3.72
0	-644	-643	S	105	QPS	ZG	0.43	2.91	1.08	3.56
0	-1871	-1870	S	409	QPS	ZG	0.00	0.00	1.28	0.00
0	-1092	-1097	S	204	QPS	ZG	0.00	4.56	0.18	4.56
0	-1071	-1070	S	203	QPS	ZG	0.00	4.84	3.07	4.84
0	-564	-566	S	119	QPS	ZG	0.91	1.61	1.12	1.40
0	-645	-644	S	105	QPS	ZG	0.00	0.00	1.45	1.45
0	-645	-644	S	117	QPS	ZG	0.56	4.71	1.71	3.56
0	-645	-644	S	105	QPS	ZG	2.05	2.05	2.48	2.48
0	-646	-645	S	111	QPS	ZG	0.00	0.82	0.82	0.00
0	-1874	-1873	S	408	QPS	ZG	0.00	0.00	1.55	0.00
0	-1099	-1102	S	205	QPS	ZG	0.00	4.22	0.56	4.22
0	-566	-584	S	119	QPS	ZG	0.00	1.40	1.40	0.00
0	-647	-646	S	111	QPS	ZG	0.00	1.32	0.50	0.82
0	-647	-646	S	118	QPS	ZG	0.01	4.39	0.33	4.71

0	-1090	-1084	S	205	QPS	ZG	0.00	4.22	0.81	4.22
0	-1096	-1090	S	205	QPS	ZG	0.00	4.22	0.18	4.22
0	-1100	-1096	S	205	QPS	ZG	0.00	4.22	0.41	4.22
0	-1818	-1826	S	310	QPS	ZG	0.00	1.91	0.81	1.91
0	-1888	-1868	S	405	QPS	ZG	0.00	2.36	5.80	2.36
0	-1888	-1868	S	409	QPS	ZG	5.79	1.47	5.80	0.63
0	-1888	-1868	S	409	QPS	ZG	0.00	2.15	5.80	2.15
0	-1047	-1048	S	203	QPS	ZG	0.00	4.84	3.14	4.84
0	-581	-580	S	119	QPS	ZG	0.19	5.69	0.20	5.69
0	-582	-581	S	104	QPS	ZG	0.00	1.02	0.57	0.45
0	-582	-581	S	104	QPS	ZG	0.57	0.45	0.82	0.20
0	-601	-605	S	117	QPS	ZG	0.00	0.00	0.81	0.81
0	-1189	-1190	S	600	QPS	ZG	0.00	4.40	2.54	4.40
0	-1101	-1100	S	206	QPS	ZG	0.00	2.61	0.56	2.61
0	-1132	-1101	S	205	QPS	ZG	0.00	4.22	3.56	4.22
0	-1868	-1867	S	405	QPS	ZG	0.00	0.00	1.43	0.00
0	-554	-555	S	119	QPS	ZG	3.13	5.69	3.14	5.69
0	-554	-555	S	119	QPS	ZG	0.00	2.56	2.68	5.24
0	-606	-605	S	118	QPS	ZG	0.05	0.18	0.23	0.00
0	-610	-612	S	105	QPS	ZG	0.00	4.53	0.29	4.24
0	-610	-612	S	118	QPS	ZG	0.00	0.18	0.05	0.23
0	-610	-612	S	111	QPS	ZG	0.00	4.53	0.29	4.24
0	-606	-607	S	118	QPS	ZG	0.80	1.03	0.85	1.08
0	-606	-607	S	118	QPS	ZG	0.00	0.23	0.24	0.47
0	-612	-2035	S	105	QPS	ZG	0.00	4.24	0.51	3.72
0	-612	-2035	S	117	QPS	ZG	0.35	1.63	0.56	1.84
0	-612	-2035	S	111	QPS	ZG	0.00	4.24	0.56	3.68
0	-2035	-2036	S	105	QPS	ZG	0.00	3.68	0.12	3.56
0	-2035	-2036	S	118	QPS	ZG	0.00	1.03	0.05	1.08
0	-2035	-2036	S	111	QPS	ZG	0.00	3.68	0.12	3.56
0	-2037	-2038	S	118	QPS	ZG	0.00	1.80	0.86	2.66
0	-2037	-2038	S	117	QPS	ZG	0.00	2.61	0.12	2.73
0	-2037	-2038	S	111	QPS	ZG	0.00	2.91	0.30	2.61
0	-1907	-1888	S	405	QPS	ZG	0.00	0.00	0.00	2.36
0	-1907	-1888	S	405	QPS	ZG	0.85	2.36	0.93	2.36
0	-1888	-1889	S	409	QPS	ZG	0.00	0.00	0.90	0.00
0	-1841	-1834	S	304	QPS	ZG	0.00	1.27	0.18	1.27
0	-583	-582	S	104	QPS	ZG	0.00	4.09	0.50	3.59
0	-583	-582	S	119	QPS	ZG	0.00	1.61	0.91	2.52
0	-2036	-2037	S	105	QPS	ZG	0.00	3.56	0.65	2.91
0	-2036	-2037	S	117	QPS	ZG	0.00	1.96	0.65	2.61
0	-608	-607	S	111	QPS	ZG	0.00	1.61	3.01	4.62
0	-608	-607	S	118	QPS	ZG	2.29	1.80	2.94	1.15
0	-608	-607	S	118	QPS	ZG	0.83	3.26	1.43	2.66
0	-1834	-1828	S	304	QPS	ZG	0.00	1.27	0.81	1.27
0	-1857	-1868	S	304	QPS	ZG	0.00	1.27	1.19	1.27
0	-1069	-1068	S	203	QPS	ZG	0.00	4.84	0.20	4.84
0	-584	-583	S	104	QPS	ZG	0.00	5.69	0.01	5.69
0	-584	-583	S	119	QPS	ZG	0.00	0.00	1.40	1.40
0	-584	-583	S	104	QPS	ZG	0.01	5.69	1.06	4.64
0	-555	-564	S	119	QPS	ZG	1.01	4.68	3.17	2.52
0	-555	-564	S	119	QPS	ZG	0.00	5.69	0.19	5.50
0	-2038	-625	S	105	QPS	ZG	0.00	2.05	0.60	1.45
0	-2038	-625	S	117	QPS	ZG	0.00	3.47	0.60	4.07
0	-1190	-1191	S	600	QPS	ZG	0.00	4.40	1.10	4.40
0	-625	-645	S	118	QPS	ZG	0.00	3.26	1.45	4.71
0	-625	-645	S	117	QPS	ZG	0.00	4.07	1.20	5.27
0	-625	-645	S	111	QPS	ZG	0.00	1.45	0.13	1.32
0	-1873	-1881	S	408	QPS	ZG	0.00	3.48	3.81	3.48
0	-1873	-1881	S	408	QPS	ZG	3.81	3.48	3.81	3.48
0	-643	-642	S	105	QPS	ZG	0.00	3.72	0.51	4.24
0	-643	-642	S	105	QPS	ZG	0.99	4.71	1.55	5.27
0	-643	-642	S	105	QPS	ZG	0.51	4.24	0.81	4.53
0	-644	-643	S	117	QPS	ZG	0.00	2.79	1.25	1.55
0	-644	-643	S	105	QPS	ZG	1.08	3.56	1.20	3.68
0	-1873	-1844	S	304	QPS	ZG	0.00	1.27	3.56	1.27
0	-1192	-1193	S	600	QPS	ZG	0.00	4.40	1.51	4.40
0	-1092	-1097	S	205	QPS	ZG	0.00	4.22	0.18	4.22
0	-564	-566	S	104	QPS	ZG	0.00	3.17	1.12	4.29
0	-564	-566	S	119	QPS	ZG	0.00	2.52	0.91	1.61
0	-645	-644	S	117	QPS	ZG	1.71	3.56	2.48	2.79
0	-645	-644	S	117	QPS	ZG	0.00	5.27	0.56	4.71
0	-645	-644	S	105	QPS	ZG	1.45	1.45	2.05	2.05
0	-646	-645	S	118	QPS	ZG	0.00	4.71	0.82	4.71
0	-1099	-1102	S	204	QPS	ZG	0.00	4.56	0.56	4.56
0	-566	-584	S	104	QPS	ZG	0.00	4.29	0.15	4.44
0	-566	-584	S	104	QPS	ZG	0.15	4.44	1.40	5.69
0	-647	-646	S	118	QPS	ZG	0.33	4.71	0.50	4.71
0	-647	-646	S	118	QPS	ZG	0.00	4.38	0.01	4.39

0	-1097	-1099	S	204	QPS	ZG	0.00	4.56	0.29	4.56
0	-1872	-1871	S	409	QPS	ZG	0.00	0.00	0.37	0.00
0	-1102	-1918	S	205	QPS	ZG	0.00	4.22	0.12	4.22
0	-1918	-1107	S	205	QPS	ZG	0.00	4.22	0.65	4.22
0	-1107	-1112	S	205	QPS	ZG	0.00	4.22	0.86	4.22
0	-1884	-1890	S	409	QPS	ZG	0.96	1.56	0.96	0.00
0	-1884	-1890	S	409	QPS	ZG	0.00	2.15	0.96	2.15
0	-1884	-1890	S	408	QPS	ZG	0.96	2.48	0.96	2.40
0	-1884	-1890	S	408	QPS	ZG	0.11	3.48	0.96	3.48
0	-609	-608	S	118	QPS	ZG	0.99	4.71	1.61	4.09
0	-609	-608	S	118	QPS	ZG	0.00	4.71	0.17	4.71
0	-609	-608	S	111	QPS	ZG	0.32	0.32	1.60	1.60
0	-609	-611	S	118	QPS	ZG	0.00	4.71	0.32	4.39
0	-611	-618	S	118	QPS	ZG	0.01	4.38	1.28	3.10
0	-618	-649	S	111	QPS	ZG	0.00	1.60	0.00	1.61
0	-618	-649	S	118	QPS	ZG	0.00	3.11	0.02	3.09
0	-618	-649	S	111	QPS	ZG	0.00	1.61	3.01	4.62
0	-1790	-1902	S	406	QPS	ZG	0.00	5.63	5.97	5.63
0	-1112	-1115	S	204	QPS	ZG	0.00	4.56	0.60	4.56
0	-648	-647	S	111	QPS	ZG	0.00	2.61	0.56	2.05
0	-648	-647	S	118	QPS	ZG	0.00	3.09	0.02	3.10
0	-648	-647	S	111	QPS	ZG	0.56	2.05	1.16	1.45
0	-649	-648	S	118	QPS	ZG	0.00	0.00	3.09	3.09
0	-649	-648	S	111	QPS	ZG	2.14	3.56	2.79	2.91
0	-649	-648	S	111	QPS	ZG	1.17	4.53	2.02	3.68
0	-649	-648	S	111	QPS	ZG	0.76	4.71	0.99	4.71
0	-1814	-1903	S	412	QPS	ZG	4.47	1.62	5.35	1.01
0	-1814	-1903	S	412	QPS	ZG	0.00	0.96	0.00	1.62
0	-1814	-1903	S	412	QPS	ZG	0.00	0.00	0.00	0.50
0	-1902	-1908	S	406	QPS	ZG	0.00	5.63	0.80	5.63
0	-1885	-1883	S	408	QPS	ZG	0.00	3.48	0.11	3.48
0	-1885	-1883	S	408	QPS	ZG	0.11	3.48	0.19	3.48
0	-1098	-1106	S	204	QPS	ZG	0.00	4.56	1.28	4.56
0	-1115	-1135	S	204	QPS	ZG	0.00	4.56	1.45	4.56
0	-1893	-1894	S	408	QPS	ZG	0.00	0.00	1.51	0.00
0	-1892	-1893	S	408	QPS	ZG	0.00	0.00	0.12	0.00
0	-1908	-1894	S	415	QPS	ZG	0.00	0.00	0.93	0.51
0	-1894	-1885	S	415	QPS	ZG	0.00	0.51	0.85	0.98
0	-1820	-1823	S	412	QPS	ZG	0.00	0.00	0.69	0.00
0	-1840	-1887	S	412	QPS	ZG	0.00	1.62	4.47	1.62
0	-1823	-1840	S	412	QPS	ZG	0.00	0.00	1.01	0.00
0	-1882	-1876	S	414	QPS	ZG	0.00	1.62	3.81	3.76
0	-1882	-1876	S	408	QPS	ZG	3.81	2.46	3.81	1.64
0	-1879	-1878	S	414	QPS	ZG	0.00	0.00	1.29	0.00
402	-1906	-1907	S	404	QPS	ZG	0.00	0.00	3.57	0.00
403	-1886	-1885	S	415	QPS	ZG	0.00	0.00	1.08	0.00
406	-1905	-1898	S	404	QPS	ZG	0.80	3.82	0.91	3.82
409	-1881	-1884	S	408	QPS	ZG	0.00	3.48	0.94	3.48
409	-1881	-1884	S	408	QPS	ZG	0.94	3.48	1.02	3.48
410	-1883	-1882	S	414	QPS	ZG	0.00	1.09	0.94	1.62
412	-1793	-1903	S	407	QPS	ZG	0.00	2.88	7.81	0.34
412	-1903	-1908	S	407	QPS	ZG	0.00	0.34	1.04	0.00
415	-1887	-1908	S	412	QPS	ZG	0.00	1.11	1.28	0.69
415	-1887	-1908	S	415	QPS	ZG	0.00	0.21	0.00	0.75
415	-1880	-1887	S	413	QPS	ZG	0.00	2.14	6.49	0.00
415	-1880	-1887	S	414	QPS	ZG	0.00	2.86	6.25	0.83
422	-1899	-1905	S	402	QPS	ZG	0.00	3.39	0.85	3.39

0	-1097	-1099	S	205	QPS	ZG	0.00	4.22	0.29	4.22
0	-1102	-1918	S	204	QPS	ZG	0.00	4.56	0.12	4.56
0	-1918	-1107	S	204	QPS	ZG	0.00	4.56	0.65	4.56
0	-1107	-1112	S	204	QPS	ZG	0.00	4.56	0.86	4.56
0	-1884	-1890	S	408	QPS	ZG	0.00	3.48	0.11	3.48
0	-1884	-1890	S	409	QPS	ZG	0.96	2.15	0.96	1.56
0	-1884	-1890	S	408	QPS	ZG	0.96	1.56	0.96	0.00
0	-1884	-1890	S	408	QPS	ZG	0.96	3.48	0.96	2.48
0	-609	-608	S	111	QPS	ZG	0.00	0.00	0.32	0.32
0	-609	-608	S	118	QPS	ZG	0.17	4.71	0.99	4.71
0	-609	-608	S	111	QPS	ZG	1.60	1.60	1.61	1.61
0	-609	-611	S	111	QPS	ZG	0.00	0.00	0.32	0.32
0	-611	-618	S	111	QPS	ZG	0.00	0.32	1.28	1.60
0	-611	-618	S	118	QPS	ZG	0.00	4.39	0.01	4.38
0	-618	-649	S	118	QPS	ZG	0.02	3.09	3.10	0.00
0	-618	-649	S	111	QPS	ZG	3.01	4.62	3.10	4.71
0	-1890	-1891	S	408	QPS	ZG	0.00	0.00	2.54	0.00
0	-1790	-1902	S	407	QPS	ZG	0.00	3.76	5.97	0.44
0	-1112	-1115	S	205	QPS	ZG	0.00	4.22	0.60	4.22
0	-648	-647	S	118	QPS	ZG	0.02	3.10	1.29	4.38
0	-648	-647	S	111	QPS	ZG	1.16	1.45	1.29	1.32
0	-649	-648	S	111	QPS	ZG	0.00	4.71	0.76	4.71
0	-649	-648	S	111	QPS	ZG	2.79	2.91	3.09	2.61
0	-649	-648	S	111	QPS	ZG	2.02	3.68	2.14	3.56
0	-649	-648	S	111	QPS	ZG	0.99	4.71	1.17	4.53
0	-1814	-1903	S	411	QPS	ZG	0.00	3.76	5.35	0.00
0	-1814	-1903	S	412	QPS	ZG	0.00	1.62	4.47	1.62
0	-1814	-1903	S	412	QPS	ZG	0.00	0.50	0.00	0.96
0	-1072	-1071	S	203	QPS	ZG	0.00	4.84	1.61	4.84
0	-1902	-1908	S	407	QPS	ZG	0.00	0.44	0.80	0.00
0	-1885	-1883	S	414	QPS	ZG	0.00	0.98	0.19	1.09
0	-1875	-1874	S	408	QPS	ZG	0.00	0.00	1.25	0.00
0	-1814	-1820	S	412	QPS	ZG	0.00	0.00	0.76	0.00
0	-1115	-1135	S	205	QPS	ZG	0.00	4.22	1.45	4.22
0	-1095	-1098	S	204	QPS	ZG	0.00	4.56	0.32	4.56
0	-1908	-1894	S	410	QPS	ZG	0.00	5.63	0.93	5.63
0	-1894	-1885	S	408	QPS	ZG	0.00	3.48	0.85	3.48
0	-1876	-1875	S	408	QPS	ZG	0.00	0.00	2.48	0.00
0	-1106	-1139	S	204	QPS	ZG	0.00	4.56	3.10	4.56
0	-1840	-1887	S	413	QPS	ZG	0.00	3.11	4.47	0.00
0	-1882	-1876	S	408	QPS	ZG	0.00	3.48	3.81	3.48
0	-1882	-1876	S	408	QPS	ZG	3.81	1.64	3.81	0.00
0	-1882	-1876	S	408	QPS	ZG	3.81	3.48	3.81	2.46
402	-1904	-1905	S	402	QPS	ZG	0.00	0.00	5.13	0.00
402	-1906	-1907	S	405	QPS	ZG	0.00	0.00	3.57	0.00
406	-1905	-1898	S	400	QPS	ZG	0.00	3.39	0.91	3.39
406	-1905	-1898	S	404	QPS	ZG	0.00	3.82	0.80	3.82
409	-1881	-1884	S	409	QPS	ZG	0.00	2.15	1.02	2.15
410	-1883	-1882	S	408	QPS	ZG	0.00	3.48	0.94	3.48
410	-1883	-1882	S	408	QPS	ZG	0.94	3.48	0.94	3.48
412	-1793	-1903	S	411	QPS	ZG	0.00	2.57	7.81	0.00
412	-1903	-1908	S	412	QPS	ZG	0.00	0.69	1.04	0.00
415	-1887	-1908	S	415	QPS	ZG	0.00	0.75	2.32	0.00
415	-1887	-1908	S	412	QPS	ZG	1.28	0.69	2.32	0.00
415	-1880	-1887	S	414	QPS	ZG	6.25	0.83	6.49	0.75
415	-1880	-1887	S	414	QPS	ZG	0.00	1.56	0.00	2.20
422	-1899	-1905	S	403	QPS	ZG	0.00	2.93	0.85	2.93

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>
0	-560	-538	S	100	QPN	ZG	0.00	1.86	0.15	1.94
0	-560	-538	S	100	QPN	ZG	1.41	2.56	1.86	2.56
0	-560	-538	S	100	QPN	ZG	0.15	1.94	1.03	2.38
0	-538	-539	S	114	QPN	ZG	1.86	0.93	3.24	1.62
0	-565	-560	S	100	QPN	ZG	0.00	0.93	1.86	1.86
0	-565	-560	S	114	QPN	ZG	0.00	1.86	0.48	1.62
0	-539	-540	S	114	QPN	ZG	0.48	1.86	1.28	2.26
0	-569	-565	S	100	QPN	ZG	0.00	0.00	1.86	0.93
0	-569	-565	S	114	QPN	ZG	0.46	2.56	1.06	2.26
0	-1053	-1031	S	200	QPN	ZG	0.00	3.33	1.86	3.33
0	-540	-541	S	114	QPN	ZG	0.00	2.26	0.61	2.56
0	-557	-541	S	115	QPN	ZG	0.00	0.50	1.00	0.00
0	-557	-541	S	114	QPN	ZG	0.00	2.29	0.55	2.56
0	-569	-570	S	100	QPN	ZG	0.00	0.00	1.05	0.53
0	-569	-570	S	114	QPN	ZG	0.55	2.29	0.75	2.19

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-560	-538	S	114	QPN	ZG	0.00	0.93	1.86	0.00
0	-560	-538	S	100	QPN	ZG	1.03	2.38	1.41	2.56
0	-538	-539	S	100	QPN	ZG	0.00	2.56	3.24	0.94
0	-538	-539	S	114	QPN	ZG	0.00	0.00	1.86	0.93
0	-565	-560	S	114	QPN	ZG	0.48	1.62	1.86	0.93
0	-539	-540	S	100	QPN	ZG	0.00	0.94	1.28	0.30
0	-539	-540	S	114	QPN	ZG	0.00	1.62	0.48	1.86
0	-569	-565	S	114	QPN	ZG	1.06	2.26	1.86	1.86
0	-569	-565	S	114	QPN	ZG	0.00	2.56	0.46	2.56
0	-540	-541	S	100	QPN	ZG	0.00	0.30	0.61	0.00
0	-557	-541	S	100	QPN	ZG	0.00	0.50	1.00	0.00
0	-557	-541	S	114	QPN	ZG	0.55	2.56	1.00	2.56
0	-557	-541	S	102	QPN	ZG	0.00	2.34	1.00	2.85
0	-569	-570	S	114	QPN	ZG	0.75	2.19	1.05	2.04
0	-569	-570	S	114	QPN	ZG	0.00	2.56	0.55	2.29

0	-569	-570	S	113	QPN	ZG	0.00	0.00	1.05	0.53
0	-569	-570	S	101	QPN	ZG	0.00	2.56	0.51	2.31
0	-559	-557	S	115	QPN	ZG	0.00	0.60	0.20	0.50
0	-559	-557	S	102	QPN	ZG	0.00	2.24	0.20	2.34
0	-541	-542	S	115	QPN	ZG	2.08	1.04	2.46	1.23
0	-541	-542	S	102	QPN	ZG	1.64	2.08	2.46	1.67
0	-542	-543	S	102	QPN	ZG	0.00	1.67	1.18	1.07
0	-542	-543	S	102	QPN	ZG	1.18	1.07	1.27	1.03
0	-1050	-1034	S	201	QPN	ZG	0.00	3.76	1.00	3.76
0	-587	-569	S	113	QPN	ZG	0.00	0.43	0.86	0.00
0	-588	-587	S	101	QPN	ZG	0.00	2.56	0.25	2.56
0	-588	-587	S	113	QPN	ZG	0.00	0.56	0.07	0.53
0	-602	-588	S	113	QPN	ZG	0.00	1.18	1.24	0.56
0	-570	-571	S	100	QPN	ZG	0.00	0.53	2.67	1.86
0	-570	-571	S	114	QPN	ZG	0.00	2.04	0.58	1.75
0	-570	-571	S	113	QPN	ZG	0.00	0.53	1.31	1.18
0	-570	-571	S	100	QPN	ZG	2.67	1.86	2.82	1.94
0	-571	-572	S	114	QPN	ZG	0.25	0.51	0.88	0.19
0	-571	-572	S	113	QPN	ZG	0.13	2.00	0.88	2.38
0	-571	-572	S	101	QPN	ZG	0.61	0.33	0.88	0.19
0	-1058	-1053	S	200	QPN	ZG	0.00	3.33	1.86	3.33
0	-561	-559	S	100	QPN	ZG	0.00	1.04	0.20	0.94
0	-561	-559	S	114	QPN	ZG	0.58	2.04	0.88	2.19
0	-561	-559	S	102	QPN	ZG	0.28	1.94	0.88	2.24
0	-561	-559	S	100	QPN	ZG	0.20	0.94	0.88	0.60
0	-623	-617	S	101	QPN	ZG	0.00	0.82	1.54	1.59
0	-623	-617	S	113	QPN	ZG	0.51	2.56	0.89	2.38
0	-623	-617	S	101	QPN	ZG	1.54	1.59	1.64	1.64
0	-1052	-1050	S	200	QPN	ZG	0.00	3.33	0.20	3.33
0	-1076	-1074	S	202	QPN	ZG	0.00	3.33	0.25	3.33
0	-567	-561	S	100	QPN	ZG	0.00	2.29	2.49	1.04
0	-567	-561	S	115	QPN	ZG	0.84	1.87	2.12	1.23
0	-567	-561	S	115	QPN	ZG	0.00	2.29	0.25	2.16
0	-567	-561	S	114	QPN	ZG	0.00	0.51	0.25	0.63
0	-567	-561	S	102	QPN	ZG	0.00	0.54	0.49	0.80
0	-543	-2090	S	102	QPN	ZG	0.00	1.03	0.59	0.73
0	-1054	-1052	S	200	QPN	ZG	0.00	3.33	0.88	3.33
0	-617	-602	S	101	QPN	ZG	0.00	1.64	1.14	2.21
0	-617	-602	S	113	QPN	ZG	0.00	2.00	0.13	1.94
0	-2090	-544	S	102	QPN	ZG	0.00	0.73	0.42	0.53
0	-2090	-544	S	115	QPN	ZG	1.26	2.79	1.47	2.80
0	-2090	-544	S	115	QPN	ZG	0.00	2.16	0.25	2.29
0	-573	-567	S	100	QPN	ZG	0.00	2.56	0.46	2.56
0	-573	-567	S	114	QPN	ZG	0.00	0.00	1.01	0.51
0	-573	-567	S	100	QPN	ZG	0.46	2.56	1.01	2.29
0	-572	-573	S	114	QPN	ZG	0.00	0.19	0.38	0.00
0	-572	-573	S	101	QPN	ZG	0.00	0.19	0.38	0.00
0	-586	-573	S	113	QPN	ZG	0.14	2.56	0.65	2.56
0	-586	-573	S	109	QPN	ZG	0.55	0.80	0.65	0.00
0	-544	-545	S	125	QPN	ZG	0.00	2.00	0.71	2.00
0	-544	-558	S	115	QPN	ZG	0.00	2.80	1.05	2.31
0	-545	-546	S	125	QPN	ZG	0.00	2.00	0.28	2.00
0	-591	-586	S	101	QPN	ZG	0.00	0.84	0.42	0.63
0	-591	-586	S	109	QPN	ZG	0.00	1.11	1.03	1.11
0	-1117	-1113	S	202	QPN	ZG	0.00	3.33	1.64	3.33
0	-574	-573	S	102	QPN	ZG	0.00	0.75	0.52	0.50
0	-574	-573	S	115	QPN	ZG	1.41	2.98	1.60	2.97
0	-574	-573	S	115	QPN	ZG	0.00	2.23	0.42	2.45
0	-574	-573	S	102	QPN	ZG	0.52	0.50	1.60	0.00
0	-1954	-574	S	122	QPN	ZG	0.00	0.79	0.62	0.79
0	-591	-592	S	122	QPN	ZG	0.00	0.84	1.60	0.79
0	-619	-591	S	101	QPN	ZG	0.00	2.31	0.54	2.04
0	-619	-591	S	113	QPN	ZG	2.47	2.56	2.94	2.56
0	-619	-591	S	101	QPN	ZG	0.54	2.04	2.94	0.84
0	-1939	-1954	S	123	QPN	ZG	0.00	0.79	1.66	0.79
0	-1939	-1954	S	115	QPN	ZG	0.00	0.95	1.63	1.77
0	-592	-593	S	123	QPN	ZG	0.00	0.79	0.29	0.79
0	-593	-594	S	123	QPN	ZG	0.00	0.79	0.92	0.79
0	-1776	-1895	S	401	QPN	ZG	0.00	1.72	5.86	1.72
0	-1060	-1054	S	200	QPN	ZG	0.00	3.33	2.49	3.33
0	-558	-563	S	102	QPN	ZG	0.00	0.53	0.42	0.73
0	-558	-563	S	115	QPN	ZG	0.45	2.09	1.07	1.78
0	-558	-563	S	107	QPN	ZG	0.00	3.26	1.10	3.26
0	-558	-563	S	102	QPN	ZG	0.42	0.73	1.01	1.03
0	-563	-2110	S	115	QPN	ZG	1.63	0.95	2.00	0.77
0	-563	-2110	S	107	QPN	ZG	0.00	3.26	2.00	3.26
0	-1795	-1779	S	300	QPN	ZG	0.00	1.72	1.00	1.72
0	-1797	-1795	S	300	QPN	ZG	0.00	1.72	0.20	1.72
0	-2002	-1797	S	300	QPN	ZG	0.00	1.72	0.88	1.72

0	-569	-570	S	101	QPN	ZG	0.51	2.31	1.05	2.04
0	-559	-557	S	100	QPN	ZG	0.00	0.60	0.20	0.50
0	-559	-557	S	114	QPN	ZG	0.00	2.19	0.20	2.29
0	-541	-542	S	102	QPN	ZG	0.00	2.85	0.10	2.85
0	-541	-542	S	115	QPN	ZG	0.00	0.00	2.08	1.04
0	-541	-542	S	102	QPN	ZG	0.10	2.85	1.64	2.08
0	-542	-543	S	115	QPN	ZG	0.00	1.23	1.27	1.87
0	-1050	-1034	S	200	QPN	ZG	0.00	3.33	1.00	3.33
0	-587	-569	S	101	QPN	ZG	0.00	2.56	0.05	2.56
0	-587	-569	S	101	QPN	ZG	0.05	2.56	0.86	2.56
0	-588	-587	S	113	QPN	ZG	0.07	0.53	0.25	0.43
0	-602	-588	S	101	QPN	ZG	0.00	2.46	0.21	2.56
0	-602	-588	S	101	QPN	ZG	0.21	2.56	1.24	2.56
0	-570	-571	S	114	QPN	ZG	0.58	1.75	2.82	0.63
0	-570	-571	S	113	QPN	ZG	1.31	1.18	2.82	1.94
0	-570	-571	S	101	QPN	ZG	0.00	2.04	2.82	0.63
0	-571	-572	S	100	QPN	ZG	0.00	1.94	0.88	2.38
0	-571	-572	S	114	QPN	ZG	0.00	0.63	0.25	0.51
0	-571	-572	S	113	QPN	ZG	0.00	1.94	0.13	2.00
0	-571	-572	S	101	QPN	ZG	0.00	0.63	0.61	0.33
0	-1062	-1058	S	200	QPN	ZG	0.00	3.33	1.86	3.33
0	-561	-559	S	115	QPN	ZG	0.00	1.04	0.88	0.60
0	-561	-559	S	114	QPN	ZG	0.00	1.75	0.58	2.04
0	-561	-559	S	102	QPN	ZG	0.00	1.80	0.28	1.94
0	-1798	-1776	S	300	QPN	ZG	0.00	1.72	1.86	1.72
0	-623	-617	S	113	QPN	ZG	0.89	2.38	1.64	2.00
0	-623	-617	S	113	QPN	ZG	0.00	2.56	0.51	2.56
0	-1074	-1062	S	202	QPN	ZG	0.00	3.33	0.86	3.33
0	-1052	-1050	S	201	QPN	ZG	0.00	3.76	0.20	3.76
0	-1089	-1076	S	202	QPN	ZG	0.00	3.33	1.24	3.33
0	-567	-561	S	115	QPN	ZG	2.12	1.23	2.49	1.04
0	-567	-561	S	115	QPN	ZG	0.25	2.16	0.84	1.86
0	-567	-561	S	114	QPN	ZG	0.25	0.63	2.49	1.75
0	-567	-561	S	102	QPN	ZG	0.49	0.80	2.49	1.80
0	-1816	-1806	S	302	QPN	ZG	0.00	1.72	0.86	1.72
0	-543	-2090	S	115	QPN	ZG	0.00	1.87	0.59	2.16
0	-1054	-1052	S	201	QPN	ZG	0.00	3.76	0.88	3.76
0	-617	-602	S	113	QPN	ZG	0.13	1.94	1.64	1.18
0	-617	-602	S	101	QPN	ZG	1.14	2.21	1.64	2.46
0	-2090	-544	S	125	QPN	ZG	0.00	2.00	1.47	2.00
0	-2090	-544	S	115	QPN	ZG	0.25	2.29	1.26	2.79
0	-2090	-544	S	102	QPN	ZG	0.42	0.53	1.47	0.00
0	-573	-567	S	115	QPN	ZG	0.00	2.79	1.01	2.29
0	-573	-567	S	102	QPN	ZG	0.00	0.00	1.01	0.54
0	-572	-573	S	100	QPN	ZG	0.00	2.38	0.38	2.56
0	-572	-573	S	113	QPN	ZG	0.00	2.38	0.38	2.56
0	-586	-573	S	101	QPN	ZG	0.00	0.33	0.65	0.00
0	-586	-573	S	113	QPN	ZG	0.00	2.56	0.14	2.56
0	-586	-573	S	109	QPN	ZG	0.00	1.11	0.55	1.11
0	-544	-558	S	102	QPN	ZG	0.00	0.00	1.05	0.53
0	-544	-558	S	107	QPN	ZG	0.00	3.26	1.05	3.26
0	-1037	-1051	S	201	QPN	ZG	0.00	3.76	1.05	3.76
0	-591	-586	S	113	QPN	ZG	0.00	2.56	1.03	2.56
0	-591	-586	S	101	QPN	ZG	0.42	0.63	1.03	0.33
0	-546	-547	S	125	QPN	ZG	0.00	2.00	1.33	2.00
0	-574	-573	S	122	QPN	ZG	0.00	0.79	1.60	0.84
0	-574	-573	S	115	QPN	ZG	0.42	2.45	1.41	2.98
0	-574	-573	S	109	QPN	ZG	0.00	0.05	1.60	0.00
0	-1954	-574	S	102	QPN	ZG	0.00	1.11	0.62	0.80
0	-1954	-574	S	115	QPN	ZG	0.00	1.78	0.62	2.09
0	-591	-592	S	122	QPN	ZG	1.60	0.79	2.22	0.79
0	-619	-591	S	112	QPN	ZG	0.00	1.44	2.94	1.44
0	-619	-591	S	113	QPN	ZG	0.00	1.33	2.47	2.56
0	-1939	-1954	S	102	QPN	ZG	0.00	1.94	0.28	1.80
0	-1939	-1954	S	115	QPN	ZG	1.63	1.77	1.66	1.78
0	-1939	-1954	S	102	QPN	ZG	0.28	1.80	1.66	1.11
0	-592	-604	S	112	QPN	ZG	0.00	1.44	0.89	1.44
0	-1802	-1798	S	300	QPN	ZG	0.00	1.72	1.86	1.72
0	-1806	-1802	S	300	QPN	ZG	0.00	1.72	1.86	1.72
0	-1060	-1054	S	201	QPN	ZG	0.00	3.76	2.49	3.76
0	-558	-563	S	115	QPN	ZG	1.07	1.78	1.10	1.77
0	-558	-563	S	115	QPN	ZG	0.00	2.31	0.45	2.09
0	-558	-563	S	102	QPN	ZG	1.01	1.03	1.10	1.07
0	-563	-2110	S	102	QPN	ZG	0.00	1.07	1.18	1.67
0	-563	-2110	S	115	QPN	ZG	0.00	1.77	1.63	0.95
0	-563	-2110	S	102	QPN	ZG	1.18	1.67	2.00	2.08
0	-1795	-1779	S	301	QPN	ZG	0.00	1.94	1.00	1.94
0	-1797	-1795	S	301	QPN	ZG	0.00	1.94	0.20	1.94
0	-2002	-1797	S	301	QPN	ZG	0.00	1.94	0.88	1.94

0	-2071	-2072	S	103	QPN	ZG	0.00	0.77	0.46	1.00
0	-2071	-2072	S	107	QPN	ZG	0.00	3.26	1.80	3.26
0	-1780	-1781	S	404	QPN	ZG	0.00	0.00	1.27	0.00
0	-1065	-1060	S	200	QPN	ZG	0.00	3.33	1.01	3.33
0	-1113	-1105	S	202	QPN	ZG	0.00	3.33	1.64	3.33
0	-1073	-1065	S	211	QPN	ZG	0.55	0.80	0.65	0.00
0	-1895	-1904	S	400	QPN	ZG	0.00	1.72	0.91	1.72
0	-1066	-1065	S	211	QPN	ZG	0.00	0.05	1.60	0.00
0	-547	-548	S	125	QPN	ZG	0.00	2.00	0.28	2.00
0	-1809	-1804	S	301	QPN	ZG	0.00	1.94	1.01	1.94
0	-1147	-1148	S	600	QPN	ZG	0.00	4.11	0.28	4.11
0	-627	-623	S	113	QPN	ZG	0.00	2.56	1.64	2.56
0	-1962	-1080	S	212	QPN	ZG	0.00	0.83	1.57	0.83
0	-1804	-2002	S	301	QPN	ZG	0.00	1.94	2.49	1.94
0	-549	-2075	S	103	QPN	ZG	0.00	2.63	0.03	2.62
0	-549	-2075	S	116	QPN	ZG	0.00	0.00	1.55	0.77
0	-1150	-1151	S	600	QPN	ZG	0.00	4.11	0.68	4.11
0	-2180	-619	S	113	QPN	ZG	0.00	0.66	1.33	1.33
0	-2075	-550	S	103	QPN	ZG	0.00	1.86	0.63	1.55
0	-629	-628	S	101	QPN	ZG	0.00	2.21	1.14	1.64
0	-629	-628	S	113	QPN	ZG	0.00	0.35	0.62	0.66
0	-1858	-1904	S	402	QPN	ZG	0.00	1.72	5.88	1.72
0	-1858	-1904	S	402	QPN	ZG	5.88	1.72	6.73	1.72
0	-1079	-1073	S	211	QPN	ZG	0.00	1.11	1.03	1.11
0	-1833	-1821	S	302	QPN	ZG	0.00	1.72	1.24	1.72
0	-1946	-1962	S	209	QPN	ZG	0.00	0.79	1.66	0.79
0	-2072	-549	S	116	QPN	ZG	0.80	0.77	2.35	0.00
0	-2072	-549	S	116	QPN	ZG	0.00	1.18	0.18	1.09
0	-2072	-549	S	103	QPN	ZG	1.93	2.63	2.35	2.63
0	-1051	-1056	S	201	QPN	ZG	0.00	3.76	1.10	3.76
0	-1149	-1150	S	600	QPN	ZG	0.00	4.11	0.28	4.11
0	-1954	-592	S	120	QPN	ZG	0.00	0.83	1.57	0.83
0	-1939	-595	S	120	QPN	ZG	0.00	0.83	1.57	0.83
0	-594	-595	S	123	QPN	ZG	0.00	0.79	0.45	0.79
0	-595	-596	S	124	QPN	ZG	0.00	0.79	1.91	0.82
0	-628	-627	S	113	QPN	ZG	0.71	1.33	3.18	2.56
0	-628	-627	S	101	QPN	ZG	1.54	0.82	3.18	0.00
0	-630	-2180	S	113	QPN	ZG	0.00	0.00	1.33	0.66
0	-630	-2180	S	101	QPN	ZG	1.03	2.56	1.28	2.56
0	-1821	-1816	S	302	QPN	ZG	0.00	1.72	0.25	1.72
0	-1782	-1796	S	301	QPN	ZG	0.00	1.94	1.05	1.94
0	-2150	-2151	S	--	M	ZG	0.00	1.05	3.18	1.05
0	-575	-1939	S	102	QPN	ZG	0.00	2.85	0.10	2.85
0	-575	-1939	S	115	QPN	ZG	1.54	0.77	1.91	0.95
0	-575	-1939	S	102	QPN	ZG	1.30	2.24	1.91	1.94
0	-575	-1939	S	102	QPN	ZG	0.10	2.85	1.10	2.34
0	-1108	-1079	S	202	QPN	ZG	0.00	3.33	2.94	3.33
0	-1859	-1858	S	402	QPN	ZG	0.00	0.00	3.18	0.00
0	-2110	-575	S	115	QPN	ZG	0.00	0.77	1.54	0.00
0	-615	-620	S	112	QPN	ZG	0.00	1.44	0.97	1.44
0	-1079	-1080	S	208	QPN	ZG	1.60	0.79	2.22	0.79
0	-1946	-1081	S	212	QPN	ZG	0.00	0.83	1.57	0.83
0	-1067	-1946	S	210	QPN	ZG	0.00	0.82	1.91	0.79
0	-630	-629	S	113	QPN	ZG	0.00	0.00	0.71	0.35
0	-1815	-1809	S	302	QPN	ZG	0.00	1.72	0.65	1.72
0	-1815	-1809	S	308	QPN	ZG	0.00	1.11	0.55	1.11
0	-575	-596	S	121	QPN	ZG	0.00	0.95	1.57	0.95
0	-1817	-1815	S	302	QPN	ZG	0.00	1.72	0.21	1.72
0	-596	-621	S	108	QPN	ZG	0.00	3.26	3.31	3.26
0	-1898	-1779	S	401	QPN	ZG	0.00	1.72	5.86	1.72
0	-1898	-1779	S	404	QPN	ZG	0.00	1.94	5.86	1.94
0	-550	-551	S	116	QPN	ZG	0.18	1.18	1.28	1.73
0	-1824	-1825	S	311	QPN	ZG	0.00	0.84	1.60	0.79
0	-1782	-1901	S	404	QPN	ZG	0.00	1.94	5.86	1.94
0	-1782	-1901	S	404	QPN	ZG	5.86	1.94	5.97	1.94
0	-603	-597	S	105	QPN	ZG	0.00	0.41	0.81	0.00
0	-603	-597	S	117	QPN	ZG	0.00	2.35	0.56	2.63
0	-613	-603	S	105	QPN	ZG	0.00	0.49	0.18	0.41
0	-613	-603	S	108	QPN	ZG	0.00	3.26	0.18	3.26
0	-1809	-1909	S	311	QPN	ZG	0.00	0.84	1.60	0.79
0	-577	-576	S	103	QPN	ZG	0.00	0.44	0.88	0.00
0	-577	-576	S	116	QPN	ZG	0.00	2.19	0.25	2.32
0	-1056	-2112	S	201	QPN	ZG	0.00	3.76	2.00	3.76
0	-2112	-1067	S	201	QPN	ZG	1.44	3.76	1.54	2.72
0	-576	-2071	S	103	QPN	ZG	0.00	0.00	0.88	0.44
0	-576	-2071	S	116	QPN	ZG	0.00	2.63	0.42	2.63
0	-576	-2071	S	103	QPN	ZG	0.88	0.44	1.54	0.77
0	-614	-613	S	105	QPN	ZG	0.00	0.98	0.97	0.49
0	-614	-613	S	108	QPN	ZG	0.00	3.26	0.97	3.26

0	-2071	-2072	S	116	QPN	ZG	0.00	2.08	1.80	1.18
0	-2071	-2072	S	103	QPN	ZG	0.46	1.00	1.80	1.67
0	-1105	-1089	S	202	QPN	ZG	0.00	3.33	1.64	3.33
0	-1065	-1060	S	201	QPN	ZG	0.00	3.76	1.01	3.76
0	-1073	-1065	S	202	QPN	ZG	0.00	3.33	0.65	3.33
0	-1073	-1065	S	211	QPN	ZG	0.00	1.11	0.55	1.11
0	-1066	-1065	S	201	QPN	ZG	0.00	0.18	1.60	0.25
0	-1066	-1065	S	208	QPN	ZG	0.00	0.79	1.60	0.84
0	-1809	-1804	S	300	QPN	ZG	0.00	1.72	1.01	1.72
0	-1146	-1147	S	600	QPN	ZG	0.00	4.11	0.71	4.11
0	-627	-623	S	101	QPN	ZG	0.00	0.00	1.64	0.82
0	-1962	-1080	S	211	QPN	ZG	0.00	1.11	1.57	1.11
0	-1804	-2002	S	300	QPN	ZG	0.00	1.72	2.49	1.72
0	-548	-549	S	125	QPN	ZG	0.00	2.00	0.68	2.00
0	-549	-2075	S	125	QPN	ZG	0.00	2.00	1.55	2.00
0	-549	-2075	S	103	QPN	ZG	0.03	2.62	1.55	1.86
0	-2180	-619	S	101	QPN	ZG	0.00	2.56	0.82	2.56
0	-2180	-619	S	101	QPN	ZG	0.82	2.56	1.33	2.31
0	-2075	-550	S	116	QPN	ZG	0.00	0.77	0.63	1.08
0	-629	-628	S	113	QPN	ZG	0.62	0.66	1.24	0.97
0	-629	-628	S	101	QPN	ZG	1.14	1.64	1.24	1.59
0	-1858	-1904	S	402	QPN	ZG	6.73	1.72	6.73	0.00
0	-1079	-1073	S	202	QPN	ZG	0.00	3.33	1.03	3.33
0	-392	-393	S	--	M	ZG	0.00	4.50	3.18	4.50
0	-1858	-1854	S	302	QPN	ZG	0.00	1.72	1.64	1.72
0	-2072	-549	S	103	QPN	ZG	0.00	1.67	1.51	2.43
0	-2072	-549	S	116	QPN	ZG	0.18	1.09	0.80	0.77
0	-2072	-549	S	107	QPN	ZG	0.00	3.26	2.35	3.26
0	-2072	-549	S	103	QPN	ZG	1.51	2.43	1.93	2.63
0	-1148	-1149	S	600	QPN	ZG	0.00	4.11	1.33	4.11
0	-1954	-592	S	109	QPN	ZG	0.00	1.11	1.57	1.11
0	-1151	-2078	S	600	QPN	ZG	0.00	4.11	1.55	4.11
0	-1939	-595	S	121	QPN	ZG	0.00	0.95	1.57	0.95
0	-595	-596	S	121	QPN	ZG	0.00	0.04	1.91	0.00
0	-628	-627	S	101	QPN	ZG	0.00	1.59	1.54	0.82
0	-628	-627	S	113	QPN	ZG	0.00	0.97	0.71	1.33
0	-630	-2180	S	101	QPN	ZG	0.00	2.56	1.03	2.56
0	-630	-2180	S	101	QPN	ZG	1.28	2.57	1.33	2.57
0	-1962	-1066	S	208	QPN	ZG	0.00	0.79	0.62	0.79
0	-1854	-1847	S	302	QPN	ZG	0.00	1.72	1.64	1.72
0	-2150	-2151	S	--	M	ZG	0.00	2.25	3.18	2.25
0	-1847	-1833	S	302	QPN	ZG	0.00	1.72	1.64	1.72
0	-575	-1939	S	124	QPN	ZG	0.00	0.82	1.91	0.79
0	-575	-1939	S	115	QPN	ZG	0.00	0.00	1.54	0.77
0	-575	-1939	S	102	QPN	ZG	1.10	2.34	1.30	2.24
0	-604	-615	S	112	QPN	ZG	0.00	1.44	1.08	1.44
0	-1108	-1079	S	207	QPN	ZG	0.00	1.44	2.94	1.44
0	-2110	-575	S	102	QPN	ZG	0.00	2.08	1.54	2.85
0	-2110	-575	S	107	QPN	ZG	0.00	3.26	1.54	3.26
0	-1079	-1080	S	208	QPN	ZG	0.00	0.84	1.60	0.79
0	-1080	-1091	S	207	QPN	ZG	0.00	1.44	0.89	1.44
0	-1946	-1081	S	213	QPN	ZG	0.00	0.95	1.57	0.95
0	-630	-629	S	101	QPN	ZG	0.00	2.56	0.21	2.46
0	-630	-629	S	101	QPN	ZG	0.21	2.46	0.71	2.21
0	-1815	-1809	S	308	QPN	ZG	0.55	0.80	0.65	0.00
0	-2078	-1152	S	600	QPN	ZG	0.00	4.11	0.63	4.11
0	-575	-596	S	121	QPN	ZG	1.57	0.95	1.65	0.00
0	-1817	-1815	S	308	QPN	ZG	0.00	1.11	0.21	1.11
0	-1080	-1081	S	209	QPN	ZG	0.00	0.79	1.66	0.79
0	-1898	-1779	S	404	QPN	ZG	5.86	1.25	5.86	0.82
0	-550	-551	S	103	QPN	ZG	0.00	1.55	1.28	0.91
0	-550	-551	S	116	QPN	ZG	0.00	1.09	0.18	1.18
0	-1824	-1825	S	311	QPN	ZG	1.60	0.79	2.22	0.79
0	-1782	-1901	S	406	QPN	ZG	0.00	2.86	5.97	2.86
0	-575	-576	S	110	QPN	ZG	0.00	1.65	3.26	1.65
0	-603	-597	S	117	QPN	ZG	0.56	2.63	0.81	2.63
0	-603	-597	S	108	QPN	ZG	0.00	3.26	0.81	3.26
0	-613	-603	S	117	QPN	ZG	0.00	2.27	0.18	2.35
0	-1809	-1909	S	301	QPN	ZG	0.00	0.13	1.60	0.09
0	-1809	-1909	S	308	QPN	ZG	0.00	0.00	1.60	0.05
0	-577	-576	S	116	QPN	ZG	0.25	2.32	0.88	2.63
0	-577	-576	S	106	QPN	ZG	0.00	1.65	0.88	1.65
0	-2112	-1067	S	201	QPN	ZG	0.00	3.76	1.44	3.76
0	-1796	-1800	S	301	QPN	ZG	0.00	1.94	1.10	1.94
0	-576	-2071	S	116	QPN	ZG	0.42	2.63	1.54	2.08
0	-576	-2071	S	107	QPN	ZG	0.00	3.26	1.54	3.26
0	-1800	-2120	S	301	QPN	ZG	0.00	1.94	2.00	1.94
0	-614	-613	S	117	QPN	ZG	0.00	1.78	0.97	2.27
0	-1081	-1082	S	210	QPN	ZG	0.00	0.79	1.91	0.82

0	-1081	-1082	S	213	QPN	ZG	0.00	0.04	1.91	0.00
0	-1824	-1817	S	302	QPN	ZG	0.00	1.72	0.81	1.72
0	-1909	-1968	S	311	QPN	ZG	0.00	0.79	0.62	0.79
0	-1850	-1824	S	303	QPN	ZG	0.00	0.74	2.94	0.74
0	-1067	-1082	S	213	QPN	ZG	1.57	0.95	1.65	0.00
0	-1968	-1825	S	309	QPN	ZG	0.00	0.83	1.57	0.83
0	-2120	-1810	S	301	QPN	ZG	1.44	1.94	1.54	1.40
0	-1091	-1103	S	207	QPN	ZG	0.00	1.44	1.08	1.44
0	-1861	-1899	S	403	QPN	ZG	0.00	0.74	5.88	0.74
0	-1861	-1899	S	402	QPN	ZG	0.00	0.24	0.00	0.65
0	-1835	-1846	S	303	QPN	ZG	0.00	0.74	1.08	0.74
0	-551	-552	S	116	QPN	ZG	0.70	2.08	1.82	2.63
0	-551	-552	S	103	QPN	ZG	0.77	0.53	1.82	0.00
0	-1120	-2182	S	202	QPN	ZG	0.00	3.33	1.33	3.33
0	-556	-562	S	119	QPN	ZG	0.21	0.63	1.05	1.05
0	-556	-562	S	116	QPN	ZG	0.25	2.19	1.05	1.79
0	-556	-562	S	104	QPN	ZG	0.55	2.04	1.05	1.79
0	-556	-562	S	103	QPN	ZG	0.77	0.91	1.05	1.05
0	-553	-554	S	104	QPN	ZG	0.00	2.22	0.15	2.15
0	-553	-554	S	119	QPN	ZG	0.00	0.63	0.84	1.05
0	-553	-554	S	104	QPN	ZG	0.15	2.15	1.27	1.58
0	-596	-597	S	110	QPN	ZG	0.00	1.65	3.26	1.65
0	-577	-578	S	116	QPN	ZG	0.80	1.79	1.12	1.63
0	-577	-578	S	106	QPN	ZG	0.00	1.65	1.12	1.65
0	-621	-626	S	108	QPN	ZG	0.00	3.26	1.02	3.26
0	-1968	-1952	S	312	QPN	ZG	0.00	0.79	1.66	0.79
0	-1952	-1972	S	309	QPN	ZG	0.00	0.83	1.57	0.83
0	-2176	-1855	S	303	QPN	ZG	0.00	0.74	0.88	0.74
0	-1952	-1810	S	313	QPN	ZG	0.00	0.79	1.91	0.82
0	-1152	-1153	S	600	QPN	ZG	0.00	4.11	1.28	4.11
0	-2197	-1850	S	302	QPN	ZG	0.00	1.72	1.33	1.72
0	-1900	-1865	S	403	QPN	ZG	0.00	0.74	5.88	0.74
0	-1900	-1865	S	405	QPN	ZG	5.88	0.72	5.88	0.26
0	-1900	-1865	S	405	QPN	ZG	0.00	1.20	5.88	1.20
0	-1825	-1972	S	312	QPN	ZG	0.00	0.79	1.66	0.79
0	-552	-556	S	119	QPN	ZG	0.00	0.00	1.05	0.53
0	-552	-556	S	116	QPN	ZG	0.00	2.63	0.42	2.63
0	-1153	-1154	S	600	QPN	ZG	0.00	4.11	1.82	4.11
0	-600	-601	S	117	QPN	ZG	0.23	0.64	1.51	0.00
0	-600	-601	S	106	QPN	ZG	0.00	1.65	1.51	1.65
0	-1972	-1826	S	310	QPN	ZG	0.00	0.04	1.91	0.00
0	-605	-610	S	105	QPN	ZG	0.00	2.35	0.18	2.27
0	-605	-610	S	117	QPN	ZG	0.00	0.41	0.18	0.49
0	-1901	-1907	S	404	QPN	ZG	0.00	1.94	0.80	1.94
0	-1901	-1907	S	404	QPN	ZG	0.80	0.74	0.80	0.00
0	-1861	-2197	S	303	QPN	ZG	0.00	0.74	1.33	0.74
0	-1826	-1852	S	304	QPN	ZG	0.00	1.09	3.31	1.09
0	-552	-553	S	119	QPN	ZG	1.05	0.53	1.26	0.63
0	-552	-553	S	104	QPN	ZG	0.01	2.85	1.26	2.22
0	-1046	-1047	S	203	QPN	ZG	0.00	4.30	1.30	4.30
0	-568	-580	S	119	QPN	ZG	0.00	2.62	0.45	2.85
0	-568	-580	S	116	QPN	ZG	0.00	0.23	0.03	0.21
0	-568	-580	S	103	QPN	ZG	0.03	2.63	0.45	2.63
0	-580	-579	S	116	QPN	ZG	0.00	0.00	0.42	0.21
0	-597	-598	S	105	QPN	ZG	0.00	0.00	0.81	0.41
0	-597	-598	S	117	QPN	ZG	0.00	2.63	1.80	1.74
0	-597	-598	S	105	QPN	ZG	1.96	0.98	2.54	1.27
0	-597	-598	S	105	QPN	ZG	0.81	0.41	0.99	0.49
0	-642	-614	S	117	QPN	ZG	1.55	0.77	3.56	1.78
0	-642	-614	S	108	QPN	ZG	0.00	3.26	3.56	3.26
0	-642	-614	S	105	QPN	ZG	1.76	1.88	1.88	1.82
0	-1846	-1851	S	303	QPN	ZG	0.00	0.74	0.97	0.74
0	-562	-568	S	103	QPN	ZG	0.00	1.05	1.00	1.55
0	-562	-568	S	119	QPN	ZG	0.00	1.05	0.46	1.28
0	-562	-568	S	116	QPN	ZG	0.00	1.79	0.32	1.63
0	-562	-568	S	103	QPN	ZG	1.62	1.86	3.14	2.62
0	-579	-578	S	103	QPN	ZG	0.00	2.42	1.51	1.67
0	-579	-578	S	116	QPN	ZG	0.00	0.21	0.03	0.23
0	-579	-578	S	103	QPN	ZG	1.51	1.67	2.85	1.00
0	-598	-599	S	117	QPN	ZG	0.12	1.30	1.10	0.81
0	-598	-599	S	106	QPN	ZG	0.00	1.65	1.10	1.65
0	-599	-600	S	117	QPN	ZG	0.00	0.81	0.12	0.75
0	-1090	-1084	S	205	QPN	ZG	0.00	3.43	0.81	3.43
0	-1096	-1090	S	205	QPN	ZG	0.00	3.43	0.18	3.43
0	-1100	-1096	S	205	QPN	ZG	0.00	3.43	0.41	3.43
0	-1818	-1826	S	310	QPN	ZG	0.00	0.95	0.81	0.95
0	-1888	-1868	S	405	QPN	ZG	0.00	1.20	5.80	1.20
0	-1888	-1868	S	409	QPN	ZG	5.79	0.75	5.80	0.32
0	-1888	-1868	S	409	QPN	ZG	0.00	1.09	5.80	1.09

0	-1103	-1109	S	207	QPN	ZG	0.00	1.44	0.97	1.44
0	-1824	-1817	S	308	QPN	ZG	0.00	1.11	0.81	1.11
0	-1850	-1824	S	302	QPN	ZG	0.00	1.72	2.94	1.72
0	-1067	-1082	S	213	QPN	ZG	0.00	0.95	1.57	0.95
0	-1968	-1825	S	308	QPN	ZG	0.00	1.11	1.57	1.11
0	-2120	-1810	S	301	QPN	ZG	0.00	1.94	1.44	1.94
0	-2182	-1108	S	202	QPN	ZG	0.00	3.33	1.33	3.33
0	-1861	-1899	S	402	QPN	ZG	0.00	1.72	5.88	1.72
0	-1861	-1899	S	402	QPN	ZG	0.00	0.65	0.00	1.72
0	-1861	-1899	S	402	QPN	ZG	0.00	0.00	0.00	0.24
0	-551	-552	S	103	QPN	ZG	0.00	0.91	0.77	0.53
0	-551	-552	S	116	QPN	ZG	0.00	1.73	0.70	2.08
0	-1825	-1835	S	303	QPN	ZG	0.00	0.74	0.89	0.74
0	-556	-562	S	103	QPN	ZG	0.00	0.53	0.77	0.91
0	-556	-562	S	119	QPN	ZG	0.00	0.53	0.21	0.63
0	-556	-562	S	116	QPN	ZG	0.00	2.32	0.25	2.19
0	-556	-562	S	104	QPN	ZG	0.00	2.32	0.55	2.05
0	-1861	-1860	S	402	QPN	ZG	0.00	0.00	0.71	0.00
0	-553	-554	S	119	QPN	ZG	0.84	1.05	1.30	1.28
0	-553	-554	S	104	QPN	ZG	1.27	1.58	1.30	1.57
0	-1045	-1046	S	203	QPN	ZG	0.00	4.30	1.26	4.30
0	-577	-578	S	103	QPN	ZG	0.00	0.44	0.66	0.77
0	-577	-578	S	116	QPN	ZG	0.00	2.19	0.80	1.79
0	-577	-578	S	103	QPN	ZG	0.66	0.77	1.12	1.00
0	-626	-637	S	108	QPN	ZG	0.00	3.26	1.19	3.26
0	-1082	-1110	S	206	QPN	ZG	0.00	2.12	3.31	2.12
0	-1952	-1972	S	310	QPN	ZG	0.00	0.95	1.57	0.95
0	-1187	-1188	S	600	QPN	ZG	0.00	4.11	0.90	4.11
0	-1860	-1859	S	402	QPN	ZG	0.00	0.00	1.24	0.00
0	-1851	-2176	S	303	QPN	ZG	0.00	0.74	0.45	0.74
0	-2197	-1850	S	303	QPN	ZG	0.00	0.74	1.33	0.74
0	-1900	-1865	S	405	QPN	ZG	5.88	0.26	5.88	0.00
0	-1900	-1865	S	405	QPN	ZG	5.87	1.20	5.88	0.72
0	-1188	-1189	S	600	QPN	ZG	0.00	4.11	2.36	4.11
0	-552	-556	S	103	QPN	ZG	0.00	0.00	1.05	0.53
0	-552	-556	S	116	QPN	ZG	0.42	2.63	1.05	2.32
0	-552	-556	S	104	QPN	ZG	0.00	2.85	1.05	2.32
0	-600	-601	S	105	QPN	ZG	0.00	1.88	1.51	2.63
0	-600	-601	S	117	QPN	ZG	0.00	0.75	0.23	0.64
0	-1810	-1818	S	310	QPN	ZG	0.00	0.95	0.76	0.95
0	-1972	-1826	S	313	QPN	ZG	0.00	0.79	1.91	0.82
0	-605	-610	S	118	QPN	ZG	0.00	0.00	0.18	0.09
0	-605	-610	S	111	QPN	ZG	0.00	2.36	0.18	2.27
0	-1901	-1907	S	406	QPN	ZG	0.00	2.86	0.80	2.86
0	-1861	-2197	S	302	QPN	ZG	0.00	1.72	1.33	1.72
0	-1110	-1116	S	206	QPN	ZG	0.00	2.12	1.02	2.12
0	-552	-553	S	104	QPN	ZG	0.00	2.85	0.01	2.85
0	-552	-553	S	119	QPN	ZG	0.00	0.00	1.05	0.53
0	-1866	-1865	S	405	QPN	ZG	0.00	0.00	0.77	0.00
0	-568	-580	S	103	QPN	ZG	0.00	2.62	0.03	2.64
0	-568	-580	S	116	QPN	ZG	0.03	0.21	0.45	0.00
0	-568	-580	S	104	QPN	ZG	0.00	0.23	0.45	0.00
0	-580	-579	S	103	QPN	ZG	0.00	2.63	0.42	2.42
0	-580	-579	S	106	QPN	ZG	0.00	1.65	0.42	1.65
0	-597	-598	S	117	QPN	ZG	1.80	1.74	2.54	1.36
0	-597	-598	S	106	QPN	ZG	0.00	1.65	2.54	1.65
0	-597	-598	S	105	QPN	ZG	0.99	0.49	1.96	0.98
0	-642	-614	S	105	QPN	ZG	0.00	2.63	0.25	2.63
0	-642	-614	S	117	QPN	ZG	0.00	0.00	1.55	0.77
0	-642	-614	S	105	QPN	ZG	1.88	1.82	3.56	0.98
0	-642	-614	S	105	QPN	ZG	0.25	2.63	1.76	1.88
0	-1855	-1865	S	303	QPN	ZG	0.00	0.74	1.33	0.74
0	-562	-568	S	119	QPN	ZG	0.46	1.28	3.14	2.62
0	-562	-568	S	116	QPN	ZG	0.32	1.63	3.14	0.23
0	-562	-568	S	104	QPN	ZG	0.00	1.79	3.14	0.23
0	-562	-568	S	103	QPN	ZG	1.00	1.55	1.62	1.86
0	-579	-578	S	116	QPN	ZG	0.03	0.23	2.85	1.63
0	-579	-578	S	106	QPN	ZG	0.00	1.65	2.85	1.65
0	-598	-599	S	105	QPN	ZG	0.00	1.27	1.10	1.82
0	-598	-599	S	117	QPN	ZG	0.00	1.36	0.12	1.30
0	-599	-600	S	105	QPN	ZG	0.00	1.82	0.12	1.88
0	-599	-600	S	106	QPN	ZG	0.00	1.65	0.12	1.65
0	-1090	-1084	S	206	QPN	ZG	0.00	2.12	0.81	2.12
0	-1096	-1090	S	206	QPN	ZG	0.00	2.12	0.18	2.12
0	-1100	-1096	S	206	QPN	ZG	0.00	2.12	0.41	2.12
0	-1818	-1826	S	310	QPN	ZG	0.81	0.95	0.89	0.00
0	-1888	-1868	S	409	QPN	ZG	5.80	0.25	5.80	0.00
0	-1888	-1868	S	409	QPN	ZG	5.79	0.87	5.79	0.75
0	-1867	-1866	S	405	QPN	ZG	0.00	0.00	1.37	0.00

0	-1047	-1048	S	203	QPN	ZG	0.00	4.30	3.14	4.30
0	-581	-580	S	119	QPN	ZG	0.19	2.84	0.20	2.84
0	-582	-581	S	104	QPN	ZG	0.00	0.51	0.57	0.23
0	-582	-581	S	104	QPN	ZG	0.57	0.23	0.82	0.10
0	-601	-605	S	117	QPN	ZG	0.00	0.00	0.81	0.41
0	-1189	-1190	S	600	QPN	ZG	0.00	4.11	2.54	4.11
0	-1101	-1100	S	206	QPN	ZG	0.00	2.12	0.56	2.12
0	-1132	-1101	S	205	QPN	ZG	0.00	3.43	3.56	3.43
0	-1868	-1867	S	405	QPN	ZG	0.00	0.00	1.43	0.00
0	-554	-555	S	119	QPN	ZG	3.13	2.84	3.14	2.84
0	-554	-555	S	119	QPN	ZG	0.00	1.28	2.68	2.62
0	-606	-605	S	118	QPN	ZG	0.05	0.09	0.23	0.00
0	-610	-612	S	105	QPN	ZG	0.00	2.27	0.29	2.12
0	-610	-612	S	118	QPN	ZG	0.00	0.09	0.05	0.12
0	-610	-612	S	111	QPN	ZG	0.00	2.27	0.29	2.12
0	-606	-607	S	118	QPN	ZG	0.80	0.52	0.85	0.54
0	-606	-607	S	118	QPN	ZG	0.00	0.12	0.24	0.24
0	-612	-2035	S	105	QPN	ZG	0.00	2.12	0.51	1.86
0	-612	-2035	S	117	QPN	ZG	0.35	0.81	0.56	0.92
0	-612	-2035	S	111	QPN	ZG	0.00	2.12	0.56	1.84
0	-2035	-2036	S	105	QPN	ZG	0.00	1.84	0.12	1.78
0	-2035	-2036	S	118	QPN	ZG	0.00	0.52	0.05	0.54
0	-2035	-2036	S	111	QPN	ZG	0.00	1.84	0.12	1.78
0	-2037	-2038	S	118	QPN	ZG	0.00	0.90	0.86	1.33
0	-2037	-2038	S	117	QPN	ZG	0.00	1.30	0.12	1.36
0	-2037	-2038	S	111	QPN	ZG	0.00	1.46	0.30	1.31
0	-1907	-1888	S	405	QPN	ZG	0.00	0.00	0.00	1.20
0	-1907	-1888	S	405	QPN	ZG	0.85	1.20	0.93	1.20
0	-1888	-1889	S	409	QPN	ZG	0.00	0.00	0.90	0.00
0	-1852	-1857	S	304	QPN	ZG	0.00	1.09	1.02	1.09
0	-1844	-1841	S	304	QPN	ZG	0.00	1.09	0.97	1.09
0	-583	-582	S	119	QPN	ZG	0.00	0.81	3.07	2.34
0	-2036	-2037	S	105	QPN	ZG	0.00	1.78	0.65	1.46
0	-2036	-2037	S	117	QPN	ZG	0.00	0.98	0.65	1.30
0	-608	-607	S	111	QPN	ZG	0.00	0.81	3.01	2.31
0	-608	-607	S	118	QPN	ZG	1.43	1.33	2.94	0.57
0	-608	-607	S	118	QPN	ZG	0.00	2.04	0.83	1.63
0	-1834	-1828	S	304	QPN	ZG	0.00	1.09	0.81	1.09
0	-1857	-1868	S	304	QPN	ZG	0.00	1.09	1.19	1.09
0	-1069	-1068	S	203	QPN	ZG	0.00	4.30	0.20	4.30
0	-584	-583	S	104	QPN	ZG	0.00	2.85	0.01	2.85
0	-584	-583	S	119	QPN	ZG	0.00	0.00	1.40	0.70
0	-584	-583	S	104	QPN	ZG	0.01	2.85	1.06	2.32
0	-555	-564	S	119	QPN	ZG	1.01	2.34	3.17	1.26
0	-555	-564	S	119	QPN	ZG	0.00	2.84	0.19	2.75
0	-2038	-625	S	105	QPN	ZG	0.00	1.02	0.60	0.73
0	-2038	-625	S	117	QPN	ZG	0.00	1.74	0.60	2.03
0	-1190	-1191	S	600	QPN	ZG	0.00	4.11	1.10	4.11
0	-625	-645	S	105	QPN	ZG	0.00	0.73	1.45	0.00
0	-625	-645	S	117	QPN	ZG	1.20	2.63	1.45	2.63
0	-625	-645	S	111	QPN	ZG	0.13	0.66	1.45	0.00
0	-1869	-1868	S	409	QPN	ZG	0.00	0.00	0.74	0.00
0	-1873	-1881	S	409	QPN	ZG	0.00	1.09	3.81	1.09
0	-1088	-1092	S	205	QPN	ZG	0.00	3.43	0.81	3.43
0	-643	-642	S	117	QPN	ZG	0.00	0.77	1.55	0.00
0	-643	-642	S	105	QPN	ZG	0.81	2.27	0.99	2.35
0	-644	-643	S	105	QPN	ZG	0.00	1.24	0.43	1.46
0	-644	-643	S	105	QPN	ZG	1.20	1.84	1.25	1.86
0	-644	-643	S	105	QPN	ZG	0.43	1.46	1.08	1.78
0	-1871	-1870	S	409	QPN	ZG	0.00	0.00	1.28	0.00
0	-1092	-1097	S	204	QPN	ZG	0.00	3.71	0.18	3.71
0	-1071	-1070	S	203	QPN	ZG	0.00	4.30	3.07	4.30
0	-564	-566	S	119	QPN	ZG	0.91	0.81	1.12	0.70
0	-645	-644	S	105	QPN	ZG	0.00	0.00	2.48	1.24
0	-645	-644	S	117	QPN	ZG	0.56	2.35	1.71	1.78
0	-646	-645	S	111	QPN	ZG	0.00	0.41	0.82	0.00
0	-1828	-1829	S	305	QPN	ZG	0.00	0.97	2.54	0.97
0	-1874	-1873	S	305	QPN	ZG	0.00	0.97	1.55	0.97
0	-1099	-1102	S	205	QPN	ZG	0.00	3.43	0.56	3.43
0	-566	-584	S	119	QPN	ZG	0.00	0.70	1.40	0.00
0	-647	-646	S	111	QPN	ZG	0.00	0.66	0.50	0.41
0	-647	-646	S	118	QPN	ZG	0.01	2.19	0.33	2.35
0	-1097	-1099	S	204	QPN	ZG	0.00	3.71	0.29	3.71
0	-1831	-1832	S	305	QPN	ZG	0.00	0.97	1.51	0.97
0	-1102	-1918	S	204	QPN	ZG	0.00	3.71	0.12	3.71
0	-1918	-1107	S	204	QPN	ZG	0.00	3.71	0.65	3.71
0	-1107	-1112	S	204	QPN	ZG	0.00	3.71	0.86	3.71
0	-1884	-1890	S	408	QPN	ZG	0.00	1.77	0.11	1.77
0	-1884	-1890	S	409	QPN	ZG	0.96	1.09	0.96	0.79

0	-581	-580	S	104	QPN	ZG	0.00	0.10	0.20	0.00
0	-581	-580	S	119	QPN	ZG	0.00	2.75	0.19	2.85
0	-582	-581	S	119	QPN	ZG	0.00	2.34	0.82	2.75
0	-601	-605	S	105	QPN	ZG	0.00	2.63	0.25	2.63
0	-601	-605	S	105	QPN	ZG	0.25	2.63	0.81	2.35
0	-1101	-1100	S	205	QPN	ZG	0.00	3.43	0.56	3.43
0	-1116	-1127	S	206	QPN	ZG	0.00	2.12	1.19	2.12
0	-1132	-1101	S	206	QPN	ZG	0.00	2.12	3.56	2.12
0	-554	-555	S	104	QPN	ZG	0.00	1.57	3.14	0.00
0	-554	-555	S	119	QPN	ZG	2.68	2.62	3.13	2.84
0	-606	-605	S	111	QPN	ZG	0.00	2.35	0.23	2.35
0	-606	-605	S	118	QPN	ZG	0.00	0.12	0.05	0.09
0	-610	-612	S	118	QPN	ZG	0.05	0.12	0.29	0.24
0	-610	-612	S	117	QPN	ZG	0.00	0.49	0.29	0.64
0	-606	-607	S	111	QPN	ZG	0.00	2.35	0.76	2.35
0	-606	-607	S	118	QPN	ZG	0.24	0.24	0.80	0.52
0	-606	-607	S	111	QPN	ZG	0.76	2.35	0.85	2.31
0	-612	-2035	S	118	QPN	ZG	0.00	0.24	0.56	0.52
0	-612	-2035	S	117	QPN	ZG	0.00	0.64	0.35	0.81
0	-612	-2035	S	105	QPN	ZG	0.51	1.86	0.56	1.84
0	-2035	-2036	S	118	QPN	ZG	0.05	0.54	0.12	0.57
0	-2035	-2036	S	117	QPN	ZG	0.00	0.92	0.12	0.98
0	-2037	-2038	S	105	QPN	ZG	0.00	1.46	0.43	1.24
0	-2037	-2038	S	117	QPN	ZG	0.12	1.36	0.86	1.74
0	-2037	-2038	S	111	QPN	ZG	0.30	1.31	0.86	1.02
0	-2037	-2038	S	105	QPN	ZG	0.43	1.24	0.86	1.02
0	-1907	-1888	S	410	QPN	ZG	0.00	2.86	0.93	2.86
0	-1907	-1888	S	405	QPN	ZG	0.00	2.39	0.85	2.39
0	-1790	-1794	S	307	QPN	ZG	0.00	1.00	1.05	1.00
0	-1841	-1834	S	304	QPN	ZG	0.00	1.09	0.18	1.09
0	-583	-582	S	104	QPN	ZG	0.00	2.04	0.50	1.79
0	-583	-582	S	104	QPN	ZG	0.50	1.79	3.07	0.51
0	-2036	-2037	S	118	QPN	ZG	0.00	0.57	0.65	0.90
0	-2036	-2037	S	111	QPN	ZG	0.00	1.78	0.65	1.46
0	-608	-607	S	118	QPN	ZG	2.94	0.57	3.01	0.54
0	-608	-607	S	118	QPN	ZG	0.83	1.63	1.43	1.33
0	-1794	-1799	S	307	QPN	ZG	0.00	1.00	1.05	1.00
0	-1889	-1890	S	409	QPN	ZG	0.00	0.00	2.36	0.00
0	-1191	-1192	S	600	QPN	ZG	0.00	4.11	0.12	4.11
0	-1070	-1069	S	203	QPN	ZG	0.00	4.30	0.82	4.30
0	-584	-583	S	119	QPN	ZG	1.40	0.70	1.61	0.81
0	-584	-583	S	104	QPN	ZG	1.06	2.32	1.61	2.05
0	-555	-564	S	104	QPN	ZG	0.00	0.00	3.14	1.57
0	-555	-564	S	119	QPN	ZG	0.19	2.75	1.01	2.34
0	-555	-564	S	104	QPN	ZG	3.14	1.57	3.17	1.58
0	-2038	-625	S	118	QPN	ZG	0.00	1.33	0.60	1.63
0	-2038	-625	S	111	QPN	ZG	0.00	1.02	0.60	0.73
0	-1799	-1805	S	307	QPN	ZG	0.00	1.00	3.14	1.00
0	-625	-645	S	118	QPN	ZG	0.00	1.63	1.45	2.35
0	-625	-645	S	117	QPN	ZG	0.00	2.03	1.20	2.63
0	-625	-645	S	111	QPN	ZG	0.00	0.73	0.13	0.66
0	-1873	-1881	S	408	QPN	ZG	0.00	1.77	3.81	1.77
0	-1873	-1881	S	408	QPN	ZG	3.81	1.77	3.81	1.77
0	-643	-642	S	105	QPN	ZG	0.00	1.86	0.51	2.12
0	-643	-642	S	105	QPN	ZG	0.99	2.35	1.55	2.63
0	-643	-642	S	105	QPN	ZG	0.51	2.12	0.81	2.27
0	-644	-643	S	117	QPN	ZG	0.00	1.40	1.25	0.77
0	-644	-643	S	105	QPN	ZG	1.08	1.78	1.20	1.84
0	-1873	-1844	S	304	QPN	ZG	0.00	1.09	3.56	1.09
0	-1192	-1193	S	600	QPN	ZG	0.00	4.11	1.51	4.11
0	-1092	-1097	S	205	QPN	ZG	0.00	3.43	0.18	3.43
0	-564	-566	S	104	QPN	ZG	0.00	1.58	1.12	2.15
0	-564	-566	S	119	QPN	ZG	0.00	1.26	0.91	0.81
0	-645	-644	S	117	QPN	ZG	1.71	1.78	2.48	1.40
0	-645	-644	S	117	QPN	ZG	0.00	2.63	0.56	2.35
0	-646	-645	S	118	QPN	ZG	0.00	2.35	0.82	2.35
0	-1874	-1873	S	408	QPN	ZG	0.00	0.00	1.55	0.00
0	-1099	-1102	S	204	QPN	ZG	0.00	3.71	0.56	3.71
0	-566	-584	S	104	QPN	ZG	0.00	2.15	0.15	2.22
0	-566	-584	S	104	QPN	ZG	0.15	2.22	1.40	2.85
0	-647	-646	S	118	QPN	ZG	0.33	2.35	0.50	2.35
0	-647	-646	S	118	QPN	ZG	0.00	2.19	0.01	2.19
0	-1097	-1099	S	205	QPN	ZG	0.00	3.43	0.29	3.43
0	-1872	-1871	S	409	QPN	ZG	0.00	0.00	0.37	0.00
0	-1102	-1918	S	205	QPN	ZG	0.00	3.43	0.12	3.43
0	-1918	-1107	S	205	QPN	ZG	0.00	3.43	0.65	3.43
0	-1107	-1112	S	205	QPN	ZG	0.00	3.43	0.86	3.43
0	-1884	-1890	S	409	QPN	ZG	0.96	0.79	0.96	0.00
0	-1884	-1890	S	409	QPN	ZG	0.00	1.09	0.96	1.09

0	-1884	-1890	S	408	QPN	ZG	0.96	0.79	0.96	0.00
0	-1884	-1890	S	408	QPN	ZG	0.96	1.77	0.96	1.26
0	-609	-608	S	111	QPN	ZG	0.00	0.00	1.60	0.80
0	-609	-608	S	118	QPN	ZG	0.17	2.35	0.99	2.35
0	-609	-608	S	111	QPN	ZG	1.60	0.80	1.61	0.80
0	-609	-611	S	118	QPN	ZG	0.00	2.35	0.32	2.19
0	-611	-618	S	118	QPN	ZG	0.01	2.19	1.28	1.55
0	-618	-649	S	111	QPN	ZG	0.00	0.80	0.00	0.80
0	-618	-649	S	118	QPN	ZG	0.00	1.55	0.02	1.55
0	-618	-649	S	111	QPN	ZG	0.00	0.81	3.01	2.31
0	-1790	-1902	S	406	QPN	ZG	0.00	2.86	5.97	2.86
0	-1829	-1830	S	305	QPN	ZG	0.00	0.97	1.10	0.97
0	-1112	-1115	S	204	QPN	ZG	0.00	3.71	0.60	3.71
0	-1830	-1831	S	305	QPN	ZG	0.00	0.97	0.12	0.97
0	-1837	-1836	S	306	QPN	ZG	0.00	0.82	0.54	0.82
0	-648	-647	S	111	QPN	ZG	0.00	1.30	0.56	1.02
0	-648	-647	S	118	QPN	ZG	0.00	1.54	0.02	1.55
0	-648	-647	S	111	QPN	ZG	0.56	1.02	1.16	0.73
0	-649	-648	S	118	QPN	ZG	0.00	0.00	3.09	1.54
0	-649	-648	S	111	QPN	ZG	2.14	1.78	2.79	1.46
0	-649	-648	S	111	QPN	ZG	1.17	2.27	2.02	1.84
0	-649	-648	S	111	QPN	ZG	0.76	2.35	0.99	2.35
0	-1814	-1903	S	412	QPN	ZG	4.47	0.82	5.35	0.51
0	-1814	-1903	S	412	QPN	ZG	0.00	0.49	0.00	0.82
0	-1814	-1903	S	412	QPN	ZG	0.00	0.00	0.00	0.25
0	-1902	-1908	S	406	QPN	ZG	0.00	2.86	0.80	2.86
0	-1885	-1883	S	408	QPN	ZG	0.00	1.77	0.11	1.77
0	-1885	-1883	S	408	QPN	ZG	0.11	1.77	0.19	1.77
0	-1875	-1874	S	408	QPN	ZG	0.00	0.00	1.25	0.00
0	-1803	-1814	S	307	QPN	ZG	0.00	1.00	1.40	1.00
0	-1839	-1838	S	306	QPN	ZG	0.00	0.82	3.01	0.82
0	-1115	-1135	S	204	QPN	ZG	0.00	3.71	1.45	3.71
0	-1893	-1894	S	408	QPN	ZG	0.00	0.00	1.51	0.00
0	-1892	-1893	S	408	QPN	ZG	0.00	0.00	0.12	0.00
0	-1908	-1894	S	415	QPN	ZG	0.00	0.00	0.93	0.26
0	-1894	-1885	S	415	QPN	ZG	0.00	0.26	0.85	0.50
0	-1876	-1875	S	305	QPN	ZG	0.00	0.97	2.48	0.97
0	-1106	-1139	S	204	QPN	ZG	0.00	3.71	3.10	3.71
0	-1840	-1887	S	413	QPN	ZG	0.00	1.58	4.47	0.00
0	-1823	-1840	S	412	QPN	ZG	0.00	0.00	1.01	0.00
0	-1882	-1876	S	414	QPN	ZG	0.00	0.82	3.81	1.91
0	-1882	-1876	S	408	QPN	ZG	3.81	1.25	3.81	0.83
0	-1877	-1876	S	306	QPN	ZG	0.00	0.82	0.82	0.82
0	-1879	-1878	S	414	QPN	ZG	0.00	0.00	1.29	0.00
0	-1880	-1879	S	306	QPN	ZG	0.00	0.82	3.09	0.82
402	-1906	-1907	S	404	QPN	ZG	0.00	0.00	3.57	0.00
403	-1886	-1885	S	415	QPN	ZG	0.00	0.00	1.08	0.00
406	-1905	-1898	S	404	QPN	ZG	0.80	1.94	0.91	1.94
409	-1881	-1884	S	408	QPN	ZG	0.00	1.77	0.94	1.77
409	-1881	-1884	S	408	QPN	ZG	0.94	1.77	1.02	1.77
410	-1883	-1882	S	414	QPN	ZG	0.00	0.55	0.94	0.82
412	-1793	-1903	S	407	QPN	ZG	0.00	1.46	7.81	0.17
412	-1903	-1908	S	407	QPN	ZG	0.00	0.17	1.04	0.00
415	-1887	-1908	S	412	QPN	ZG	0.00	0.56	1.28	0.35
415	-1887	-1908	S	415	QPN	ZG	0.00	0.11	0.00	0.38
415	-1880	-1887	S	413	QPN	ZG	0.00	1.09	6.49	0.00
415	-1880	-1887	S	414	QPN	ZG	0.00	1.45	6.25	0.42
422	-1899	-1905	S	402	QPN	ZG	0.00	1.72	0.85	1.72

0	-1884	-1890	S	408	QPN	ZG	0.96	1.26	0.96	1.22
0	-1884	-1890	S	408	QPN	ZG	0.11	1.77	0.96	1.77
0	-609	-608	S	118	QPN	ZG	0.99	2.35	1.61	2.04
0	-609	-608	S	118	QPN	ZG	0.00	2.35	0.17	2.35
0	-609	-611	S	111	QPN	ZG	0.00	0.00	0.32	0.16
0	-611	-618	S	111	QPN	ZG	0.00	0.16	1.28	0.80
0	-611	-618	S	118	QPN	ZG	0.00	2.20	0.01	2.19
0	-618	-649	S	118	QPN	ZG	0.02	1.54	3.10	0.00
0	-618	-649	S	111	QPN	ZG	3.01	2.31	3.10	2.36
0	-1890	-1891	S	408	QPN	ZG	0.00	0.00	2.54	0.00
0	-1790	-1902	S	407	QPN	ZG	0.00	1.91	5.97	0.22
0	-1793	-1801	S	307	QPN	ZG	0.00	1.00	3.17	1.00
0	-1112	-1115	S	205	QPN	ZG	0.00	3.43	0.60	3.43
0	-1805	-1811	S	307	QPN	ZG	0.00	1.00	0.45	1.00
0	-1838	-1837	S	306	QPN	ZG	0.00	0.82	0.54	0.82
0	-648	-647	S	118	QPN	ZG	0.02	1.55	1.29	2.19
0	-648	-647	S	111	QPN	ZG	1.16	0.73	1.29	0.66
0	-649	-648	S	111	QPN	ZG	0.00	2.35	0.76	2.35
0	-649	-648	S	111	QPN	ZG	2.79	1.46	3.09	1.30
0	-649	-648	S	111	QPN	ZG	2.02	1.84	2.14	1.78
0	-649	-648	S	111	QPN	ZG	0.99	2.35	1.17	2.27
0	-1814	-1903	S	411	QPN	ZG	0.00	1.91	5.35	0.00
0	-1814	-1903	S	412	QPN	ZG	0.00	0.82	4.47	0.82
0	-1814	-1903	S	412	QPN	ZG	0.00	0.25	0.00	0.49
0	-1072	-1071	S	203	QPN	ZG	0.00	4.30	1.61	4.30
0	-1902	-1908	S	407	QPN	ZG	0.00	0.22	0.80	0.00
0	-1885	-1883	S	414	QPN	ZG	0.00	0.50	0.19	0.55
0	-1801	-1803	S	307	QPN	ZG	0.00	1.00	1.12	1.00
0	-1875	-1874	S	305	QPN	ZG	0.00	0.97	1.25	0.97
0	-1098	-1106	S	204	QPN	ZG	0.00	3.71	1.28	3.71
0	-1814	-1820	S	412	QPN	ZG	0.00	0.00	0.76	0.00
0	-1115	-1135	S	205	QPN	ZG	0.00	3.43	1.45	3.43
0	-1095	-1098	S	204	QPN	ZG	0.00	3.71	0.32	3.71
0	-1908	-1894	S	410	QPN	ZG	0.00	2.86	0.93	2.86
0	-1894	-1885	S	408	QPN	ZG	0.00	1.77	0.85	1.77
0	-1876	-1875	S	408	QPN	ZG	0.00	0.00	2.48	0.00
0	-1820	-1823	S	412	QPN	ZG	0.00	0.00	0.69	0.00
0	-1840	-1887	S	412	QPN	ZG	0.00	0.82	4.47	0.82
0	-1840	-1839	S	306	QPN	ZG	0.00	0.82	1.61	0.82
0	-1882	-1876	S	408	QPN	ZG	0.00	1.77	3.81	1.77
0	-1882	-1876	S	408	QPN	ZG	3.81	0.83	3.81	0.00
0	-1882	-1876	S	408	QPN	ZG	3.81	1.77	3.81	1.25
0	-1878	-1877	S	306	QPN	ZG	0.00	0.82	0.50	0.82
0	-1879	-1878	S	306	QPN	ZG	0.00	0.82	1.29	0.82
402	-1904	-1905	S	402	QPN	ZG	0.00	0.00	5.13	0.00
402	-1906	-1907	S	405	QPN	ZG	0.00	0.00	3.57	0.00
406	-1905	-1898	S	400	QPN	ZG	0.00	1.72	0.91	1.72
406	-1905	-1898	S	404	QPN	ZG	0.00	1.94	0.80	1.94
409	-1881	-1884	S	409	QPN	ZG	0.00	1.09	1.02	1.09
410	-1883	-1882	S	408	QPN	ZG	0.00	1.77	0.94	1.77
410	-1883	-1882	S	408	QPN	ZG	0.94	1.76	0.94	1.76
412	-1793	-1903	S	411	QPN	ZG	0.00	1.31	7.81	0.00
412	-1903	-1908	S	412	QPN	ZG	0.00	0.35	1.04	0.00
415	-1887	-1908	S	415	QPN	ZG	0.00	0.38	2.32	0.00
415	-1887	-1908	S	412	QPN	ZG	1.28	0.35	2.32	0.00
415	-1880	-1887	S	414	QPN	ZG	6.25	0.42	6.49	0.38
415	-1880	-1887	S	414	QPN	ZG	0.00	0.79	0.00	1.12
422	-1899	-1905	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	-560	-538	S	100	QA	ZG	0.00	2.79	0.15	2.90
0	-560	-538	S	100	QA	ZG	1.41	3.85	1.86	3.85
0	-538	-539	S	100	QA	ZG	0.00	3.85	3.24	1.42
0	-565	-560	S	100	QA	ZG	0.00	1.40	1.86	2.79
0	-565	-560	S	114	QA	ZG	0.00	2.79	0.48	2.43
0	-539	-540	S	114	QA	ZG	0.48	2.79	1.28	3.39
0	-569	-565	S	100	QA	ZG	0.00	0.00	1.86	1.40
0	-569	-565	S	114	QA	ZG	0.46	3.85	1.06	3.39
0	-1053	-1031	S	200	QA	ZG	0.00	7.69	1.86	7.69
0	-540	-541	S	114	QA	ZG	0.00	3.39	0.61	3.85
0	-557	-541	S	115	QA	ZG	0.00	0.75	1.00	0.00
0	-557	-541	S	114	QA	ZG	0.00	3.44	0.55	3.85
0	-569	-570	S	100	QA	ZG	0.00	0.00	1.05	0.79
0	-569	-570	S	114	QA	ZG	0.55	3.44	0.75	3.28

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-560	-538	S	114	QA	ZG	0.00	1.40	1.86	0.00
0	-560	-538	S	100	QA	ZG	0.15	2.90	1.41	3.85
0	-538	-539	S	114	QA	ZG	0.00	0.00	3.24	2.43
0	-565	-560	S	114	QA	ZG	0.48	2.43	1.86	1.40
0	-539	-540	S	100	QA	ZG	0.00	1.42	1.28	0.46
0	-539	-540	S	114	QA	ZG	0.00	2.43	0.48	2.79
0	-569	-565	S	114	QA	ZG	1.06	3.39	1.86	2.79
0	-569	-565	S	114	QA	ZG	0.00	3.85	0.46	3.85
0	-540	-541	S	100	QA	ZG	0.00	0.46	0.61	0.00
0	-557	-541	S	100	QA	ZG	0.00	0.75	1.00	0.00
0	-557	-541	S	114	QA	ZG	0.55	3.85	1.00	3.85
0	-557	-541	S	102	QA	ZG	0.00	3.52	1.00	4.27
0	-569	-570	S	114	QA	ZG	0.75	3.29	1.05	3.06
0	-569	-570	S	114	QA	ZG	0.00	3.85	0.55	3.44

0	-569	-570	S	113	QA	ZG	0.86	0.65	1.05	0.79
0	-569	-570	S	101	QA	ZG	0.51	3.46	1.05	3.06
0	-559	-557	S	100	QA	ZG	0.00	0.90	0.20	0.75
0	-559	-557	S	114	QA	ZG	0.00	3.29	0.20	3.44
0	-541	-542	S	102	QA	ZG	0.00	4.27	0.10	4.27
0	-541	-542	S	115	QA	ZG	1.21	0.90	2.08	1.56
0	-541	-542	S	115	QA	ZG	0.00	0.00	1.00	0.75
0	-541	-542	S	102	QA	ZG	0.10	4.27	1.64	3.11
0	-542	-543	S	115	QA	ZG	0.00	1.84	1.27	2.80
0	-1050	-1034	S	200	QA	ZG	0.00	7.69	1.00	7.69
0	-587	-569	S	101	QA	ZG	0.00	3.85	0.05	3.85
0	-587	-569	S	101	QA	ZG	0.05	3.85	0.86	3.85
0	-588	-587	S	113	QA	ZG	0.07	0.79	0.25	0.65
0	-602	-588	S	101	QA	ZG	0.00	3.69	0.21	3.85
0	-602	-588	S	101	QA	ZG	0.21	3.85	1.24	3.85
0	-570	-571	S	114	QA	ZG	0.58	2.63	2.82	0.94
0	-570	-571	S	113	QA	ZG	1.31	1.77	2.82	2.90
0	-570	-571	S	113	QA	ZG	0.00	0.79	0.07	0.84
0	-570	-571	S	101	QA	ZG	0.00	3.06	2.40	1.26
0	-570	-571	S	100	QA	ZG	0.81	1.40	2.67	2.79
0	-571	-572	S	114	QA	ZG	0.25	0.76	0.88	0.28
0	-571	-572	S	113	QA	ZG	0.13	3.00	0.88	3.56
0	-571	-572	S	101	QA	ZG	0.61	0.49	0.88	0.28
0	-1058	-1053	S	200	QA	ZG	0.00	7.69	1.86	7.69
0	-561	-559	S	100	QA	ZG	0.00	1.56	0.20	1.42
0	-561	-559	S	114	QA	ZG	0.58	3.06	0.88	3.29
0	-561	-559	S	102	QA	ZG	0.28	2.91	0.88	3.36
0	-561	-559	S	100	QA	ZG	0.20	1.42	0.88	0.90
0	-623	-617	S	113	QA	ZG	0.89	3.56	1.64	3.00
0	-623	-617	S	113	QA	ZG	0.00	3.85	0.51	3.85
0	-1074	-1062	S	202	QA	ZG	0.00	7.69	0.86	7.69
0	-1052	-1050	S	201	QA	ZG	0.00	8.69	0.20	8.69
0	-1089	-1076	S	202	QA	ZG	0.00	7.69	1.24	7.69
0	-567	-561	S	115	QA	ZG	2.12	1.84	2.49	1.56
0	-567	-561	S	115	QA	ZG	0.25	3.24	0.84	2.80
0	-567	-561	S	114	QA	ZG	0.25	0.94	2.49	2.63
0	-567	-561	S	102	QA	ZG	1.11	1.67	2.49	2.70
0	-567	-561	S	102	QA	ZG	0.00	0.81	0.49	1.20
0	-543	-2090	S	115	QA	ZG	0.00	2.80	0.59	3.24
0	-1054	-1052	S	201	QA	ZG	0.00	8.69	0.88	8.69
0	-617	-602	S	113	QA	ZG	0.13	2.90	1.64	1.77
0	-617	-602	S	101	QA	ZG	1.14	3.31	1.64	3.69
0	-2090	-544	S	115	QA	ZG	1.26	4.19	1.47	4.20
0	-2090	-544	S	115	QA	ZG	0.00	3.24	0.25	3.43
0	-573	-567	S	100	QA	ZG	0.00	3.85	0.46	3.85
0	-573	-567	S	114	QA	ZG	0.38	0.28	1.01	0.76
0	-573	-567	S	102	QA	ZG	0.00	0.00	1.01	0.81
0	-572	-573	S	100	QA	ZG	0.00	3.56	0.38	3.85
0	-572	-573	S	113	QA	ZG	0.00	3.56	0.38	3.85
0	-586	-573	S	101	QA	ZG	0.00	0.49	0.27	0.28
0	-586	-573	S	113	QA	ZG	0.00	3.85	0.14	3.85
0	-586	-573	S	109	QA	ZG	0.00	1.67	0.55	1.67
0	-544	-558	S	102	QA	ZG	0.00	0.00	1.05	0.79
0	-544	-558	S	107	QA	ZG	0.00	4.89	1.05	4.89
0	-591	-586	S	101	QA	ZG	0.00	1.26	0.42	0.94
0	-591	-586	S	109	QA	ZG	0.00	1.67	1.03	1.67
0	-1117	-1113	S	202	QA	ZG	0.00	7.69	1.64	7.69
0	-574	-573	S	122	QA	ZG	0.00	1.18	1.60	1.26
0	-574	-573	S	115	QA	ZG	0.00	3.34	1.41	4.46
0	-574	-573	S	102	QA	ZG	0.52	0.76	1.60	0.00
0	-1954	-574	S	122	QA	ZG	0.00	1.18	0.62	1.18
0	-591	-592	S	122	QA	ZG	0.00	1.26	1.60	1.18
0	-619	-591	S	101	QA	ZG	0.00	3.46	0.54	3.06
0	-619	-591	S	113	QA	ZG	2.47	3.85	2.94	3.85
0	-619	-591	S	101	QA	ZG	0.54	3.06	2.94	1.26
0	-1939	-1954	S	123	QA	ZG	0.00	1.18	1.66	1.18
0	-1939	-1954	S	115	QA	ZG	0.00	1.43	1.63	2.65
0	-592	-593	S	123	QA	ZG	0.00	1.18	0.29	1.18
0	-593	-594	S	123	QA	ZG	0.00	1.18	0.92	1.18
0	-1060	-1054	S	201	QA	ZG	0.00	8.69	2.49	8.69
0	-558	-563	S	115	QA	ZG	1.07	2.68	1.10	2.65
0	-558	-563	S	115	QA	ZG	0.00	3.46	0.45	3.14
0	-558	-563	S	102	QA	ZG	1.01	1.54	1.10	1.61
0	-563	-2110	S	115	QA	ZG	1.63	1.43	2.00	1.16
0	-563	-2110	S	107	QA	ZG	0.00	4.89	2.00	4.89
0	-2071	-2072	S	103	QA	ZG	0.00	1.16	0.46	1.50
0	-2071	-2072	S	107	QA	ZG	0.00	4.89	1.80	4.89
0	-1105	-1089	S	202	QA	ZG	0.00	7.69	1.64	7.69
0	-1065	-1060	S	201	QA	ZG	0.00	8.69	1.01	8.69

0	-569	-570	S	113	QA	ZG	0.00	0.00	0.86	0.65
0	-569	-570	S	101	QA	ZG	0.00	3.85	0.51	3.46
0	-559	-557	S	115	QA	ZG	0.00	0.90	0.20	0.75
0	-559	-557	S	102	QA	ZG	0.00	3.36	0.20	3.52
0	-541	-542	S	115	QA	ZG	2.08	1.56	2.46	1.84
0	-541	-542	S	115	QA	ZG	1.00	0.75	1.21	0.90
0	-541	-542	S	102	QA	ZG	1.64	3.11	2.46	2.50
0	-542	-543	S	102	QA	ZG	0.00	2.50	1.18	1.61
0	-542	-543	S	102	QA	ZG	1.18	1.61	1.27	1.54
0	-1050	-1034	S	201	QA	ZG	0.00	8.69	1.00	8.69
0	-587	-569	S	113	QA	ZG	0.00	0.65	0.86	0.00
0	-588	-587	S	101	QA	ZG	0.00	3.85	0.25	3.85
0	-588	-587	S	113	QA	ZG	0.00	0.84	0.07	0.79
0	-602	-588	S	113	QA	ZG	0.00	1.77	1.24	0.84
0	-570	-571	S	100	QA	ZG	0.00	0.79	0.81	1.40
0	-570	-571	S	114	QA	ZG	0.00	3.06	0.58	2.63
0	-570	-571	S	113	QA	ZG	0.07	0.84	1.31	1.77
0	-570	-571	S	101	QA	ZG	2.40	1.26	2.82	0.94
0	-570	-571	S	100	QA	ZG	2.67	2.79	2.82	2.90
0	-571	-572	S	100	QA	ZG	0.00	2.90	0.88	3.56
0	-571	-572	S	114	QA	ZG	0.00	0.94	0.25	0.76
0	-571	-572	S	113	QA	ZG	0.00	2.90	0.13	3.00
0	-571	-572	S	101	QA	ZG	0.00	0.94	0.61	0.49
0	-1062	-1058	S	200	QA	ZG	0.00	7.69	1.86	7.69
0	-561	-559	S	115	QA	ZG	0.00	1.56	0.88	0.90
0	-561	-559	S	114	QA	ZG	0.00	2.63	0.58	3.06
0	-561	-559	S	102	QA	ZG	0.00	2.70	0.28	2.91
0	-623	-617	S	101	QA	ZG	0.00	1.23	1.54	2.38
0	-623	-617	S	113	QA	ZG	0.51	3.85	0.89	3.56
0	-623	-617	S	101	QA	ZG	1.54	2.38	1.64	2.46
0	-1052	-1050	S	200	QA	ZG	0.00	7.69	0.20	7.69
0	-1076	-1074	S	202	QA	ZG	0.00	7.69	0.25	7.69
0	-567	-561	S	100	QA	ZG	0.00	3.43	2.49	1.56
0	-567	-561	S	115	QA	ZG	0.84	2.80	2.12	1.84
0	-567	-561	S	115	QA	ZG	0.00	3.43	0.25	3.24
0	-567	-561	S	114	QA	ZG	0.00	0.76	0.25	0.94
0	-567	-561	S	102	QA	ZG	0.49	1.20	1.11	1.67
0	-543	-2090	S	102	QA	ZG	0.00	1.54	0.59	1.10
0	-1054	-1052	S	200	QA	ZG	0.00	7.69	0.88	7.69
0	-617	-602	S	101	QA	ZG	0.00	2.46	1.14	3.31
0	-617	-602	S	113	QA	ZG	0.00	3.00	0.13	2.90
0	-2090	-544	S	102	QA	ZG	0.00	1.10	0.42	0.79
0	-2090	-544	S	115	QA	ZG	0.25	3.43	1.26	4.19
0	-2090	-544	S	102	QA	ZG	0.42	0.79	1.47	0.00
0	-573	-567	S	115	QA	ZG	0.00	4.19	1.01	3.43
0	-573	-567	S	114	QA	ZG	0.00	0.00	0.38	0.28
0	-573	-567	S	100	QA	ZG	0.46	3.85	1.01	3.43
0	-572	-573	S	114	QA	ZG	0.00	0.28	0.38	0.00
0	-572	-573	S	101	QA	ZG	0.00	0.28	0.38	0.00
0	-586	-573	S	113	QA	ZG	0.14	3.85	0.65	3.85
0	-586	-573	S	109	QA	ZG	0.55	1.20	0.65	0.00
0	-586	-573	S	101	QA	ZG	0.27	0.28	0.65	0.00
0	-544	-558	S	115	QA	ZG	0.00	4.20	1.05	3.46
0	-1037	-1051	S	201	QA	ZG	0.00	8.69	1.05	8.69
0	-591	-586	S	113	QA	ZG	0.00	3.85	1.03	3.85
0	-591	-586	S	101	QA	ZG	0.42	0.94	1.03	0.49
0	-574	-573	S	102	QA	ZG	0.00	1.12	0.52	0.76
0	-574	-573	S	115	QA	ZG	1.41	4.46	1.60	4.45
0	-574	-573	S	109	QA	ZG	0.00	0.08	1.60	0.00
0	-1954	-574	S	102	QA	ZG	0.00	1.67	0.62	1.20
0	-1954	-574	S	115	QA	ZG	0.00	2.68	0.62	3.14
0	-591	-592	S	122	QA	ZG	1.60	1.18	2.22	1.18
0	-619	-591	S	112	QA	ZG	0.00	3.33	2.94	3.33
0	-619	-591	S	113	QA	ZG	0.00	1.99	2.47	3.85
0	-1939	-1954	S	102	QA	ZG	0.00	2.91	0.28	2.70
0	-1939	-1954	S	115	QA	ZG	1.63	2.65	1.66	2.68
0	-1939	-1954	S	102	QA	ZG	0.28	2.70	1.66	1.67
0	-592	-604	S	112	QA	ZG	0.00	3.33	0.89	3.33
0	-1060	-1054	S	200	QA	ZG	0.00	7.69	2.49	7.69
0	-558	-563	S	102	QA	ZG	0.00	0.79	1.01	1.54
0	-558	-563	S	115	QA	ZG	0.45	3.14	1.07	2.68
0	-558	-563	S	107	QA	ZG	0.00	4.89	1.10	4.89
0	-563	-2110	S	102	QA	ZG	0.00	1.61	1.18	2.50
0	-563	-2110	S	115	QA	ZG	0.00	2.65	1.63	1.43
0	-563	-2110	S	102	QA	ZG	1.18	2.50	2.00	3.11
0	-2071	-2072	S	116	QA	ZG	0.00	3.11	1.80	1.76
0	-2071	-2072	S	103	QA	ZG	0.46	1.50	1.80	2.50
0	-1065	-1060	S	200	QA	ZG	0.00	7.69	1.01	7.69
0	-1113	-1105	S	202	QA	ZG	0.00	7.69	1.64	7.69

0	-1073	-1065	S	202	QA	ZG	0.00	7.69	0.65	7.69
0	-1073	-1065	S	211	QA	ZG	0.00	1.67	0.55	1.67
0	-1066	-1065	S	211	QA	ZG	0.00	0.08	1.60	0.00
0	-1146	-1147	S	600	QA	ZG	0.00	11.01	0.71	11.01
0	-627	-623	S	101	QA	ZG	0.00	0.00	1.64	1.23
0	-1962	-1080	S	211	QA	ZG	0.00	1.67	1.57	1.67
0	-549	-2075	S	103	QA	ZG	0.00	3.95	0.03	3.93
0	-549	-2075	S	103	QA	ZG	0.03	3.93	1.55	2.79
0	-2180	-619	S	101	QA	ZG	0.00	3.85	0.82	3.85
0	-2180	-619	S	113	QA	ZG	0.00	1.00	0.62	1.46
0	-2075	-550	S	103	QA	ZG	0.00	2.79	0.63	2.32
0	-629	-628	S	101	QA	ZG	0.00	3.31	1.14	2.46
0	-629	-628	S	113	QA	ZG	0.00	0.53	0.62	1.00
0	-1079	-1073	S	202	QA	ZG	0.00	7.69	1.03	7.69
0	-1946	-1962	S	209	QA	ZG	0.00	1.18	1.66	1.18
0	-2072	-549	S	116	QA	ZG	0.80	1.16	2.35	0.00
0	-2072	-549	S	116	QA	ZG	0.00	1.76	0.18	1.63
0	-2072	-549	S	103	QA	ZG	1.93	3.95	2.35	3.95
0	-1051	-1056	S	201	QA	ZG	0.00	8.69	1.10	8.69
0	-1149	-1150	S	600	QA	ZG	0.00	11.01	0.28	11.01
0	-1954	-592	S	120	QA	ZG	0.00	1.25	1.57	1.25
0	-1939	-595	S	120	QA	ZG	0.00	1.25	1.57	1.25
0	-594	-595	S	123	QA	ZG	0.00	1.18	0.45	1.18
0	-595	-596	S	124	QA	ZG	0.00	1.18	1.91	1.24
0	-628	-627	S	113	QA	ZG	0.71	1.99	3.18	3.85
0	-628	-627	S	101	QA	ZG	1.54	1.23	3.18	0.00
0	-630	-2180	S	113	QA	ZG	0.71	0.53	1.33	1.00
0	-630	-2180	S	101	QA	ZG	1.28	3.85	1.33	3.85
0	-1962	-1066	S	208	QA	ZG	0.00	1.18	0.62	1.18
0	-575	-1939	S	124	QA	ZG	0.00	1.24	1.91	1.18
0	-575	-1939	S	115	QA	ZG	0.00	0.00	1.54	1.16
0	-575	-1939	S	102	QA	ZG	1.10	3.52	1.30	3.36
0	-604	-615	S	112	QA	ZG	0.00	3.33	1.08	3.33
0	-1108	-1079	S	207	QA	ZG	0.00	3.33	2.94	3.33
0	-2110	-575	S	115	QA	ZG	0.00	1.16	1.54	0.00
0	-615	-620	S	112	QA	ZG	0.00	3.33	0.97	3.33
0	-1079	-1080	S	208	QA	ZG	1.60	1.18	2.22	1.18
0	-1946	-1081	S	212	QA	ZG	0.00	1.25	1.57	1.25
0	-1067	-1946	S	210	QA	ZG	0.00	1.24	1.91	1.18
0	-630	-629	S	113	QA	ZG	0.00	0.00	0.71	0.53
0	-2078	-1152	S	600	QA	ZG	0.00	11.01	0.63	11.01
0	-575	-596	S	121	QA	ZG	1.57	1.43	1.65	0.00
0	-1080	-1081	S	209	QA	ZG	0.00	1.18	1.66	1.18
0	-550	-551	S	116	QA	ZG	0.18	1.76	1.28	2.59
0	-550	-551	S	103	QA	ZG	1.00	1.57	1.28	1.36
0	-603	-597	S	105	QA	ZG	0.00	0.61	0.81	0.00
0	-603	-597	S	117	QA	ZG	0.00	3.53	0.56	3.95
0	-613	-603	S	105	QA	ZG	0.00	0.74	0.18	0.61
0	-613	-603	S	108	QA	ZG	0.00	4.89	0.18	4.89
0	-577	-576	S	116	QA	ZG	0.25	3.48	0.88	3.95
0	-577	-576	S	106	QA	ZG	0.00	2.48	0.88	2.48
0	-2112	-1067	S	201	QA	ZG	0.00	8.69	1.44	8.69
0	-576	-2071	S	103	QA	ZG	0.00	0.00	0.88	0.66
0	-576	-2071	S	116	QA	ZG	0.00	3.95	0.42	3.95
0	-576	-2071	S	103	QA	ZG	0.88	0.66	1.54	1.16
0	-614	-613	S	117	QA	ZG	0.00	2.67	0.97	3.40
0	-1081	-1082	S	210	QA	ZG	0.00	1.18	1.91	1.24
0	-1103	-1109	S	207	QA	ZG	0.00	3.33	0.97	3.33
0	-1067	-1082	S	213	QA	ZG	1.57	1.43	1.65	0.00
0	-1091	-1103	S	207	QA	ZG	0.00	3.33	1.08	3.33
0	-551	-552	S	116	QA	ZG	0.70	3.11	1.82	3.95
0	-551	-552	S	103	QA	ZG	0.77	0.79	1.82	0.00
0	-556	-562	S	103	QA	ZG	0.00	0.79	0.77	1.36
0	-556	-562	S	119	QA	ZG	0.00	0.79	0.21	0.95
0	-556	-562	S	116	QA	ZG	0.00	3.48	0.25	3.29
0	-556	-562	S	104	QA	ZG	0.00	3.48	0.55	3.07
0	-553	-554	S	104	QA	ZG	0.00	3.33	0.15	3.22
0	-553	-554	S	119	QA	ZG	0.00	0.94	0.84	1.57
0	-553	-554	S	104	QA	ZG	0.15	3.22	1.27	2.38
0	-596	-597	S	110	QA	ZG	0.00	2.48	3.26	2.48
0	-577	-578	S	116	QA	ZG	0.80	2.69	1.12	2.45
0	-577	-578	S	106	QA	ZG	0.00	2.48	1.12	2.48
0	-621	-626	S	108	QA	ZG	0.00	4.89	1.02	4.89
0	-1082	-1110	S	206	QA	ZG	0.00	4.89	3.31	4.89
0	-1152	-1153	S	600	QA	ZG	0.00	11.01	1.28	11.01
0	-552	-556	S	103	QA	ZG	0.00	0.00	1.05	0.79
0	-552	-556	S	116	QA	ZG	0.42	3.95	1.05	3.48
0	-552	-556	S	104	QA	ZG	0.00	4.27	1.05	3.48
0	-600	-601	S	105	QA	ZG	0.00	2.82	1.51	3.95

0	-1073	-1065	S	211	QA	ZG	0.55	1.20	0.65	0.00
0	-1066	-1065	S	201	QA	ZG	0.00	0.41	1.60	0.57
0	-1066	-1065	S	208	QA	ZG	0.00	1.18	1.60	1.26
0	-1147	-1148	S	600	QA	ZG	0.00	11.01	0.28	11.01
0	-627	-623	S	113	QA	ZG	0.00	3.85	1.64	3.85
0	-1962	-1080	S	212	QA	ZG	0.00	1.25	1.57	1.25
0	-549	-2075	S	116	QA	ZG	0.00	0.00	1.55	1.16
0	-1150	-1151	S	600	QA	ZG	0.00	11.01	0.68	11.01
0	-2180	-619	S	113	QA	ZG	0.62	1.46	1.33	1.99
0	-2180	-619	S	101	QA	ZG	0.82	3.85	1.33	3.47
0	-2075	-550	S	116	QA	ZG	0.00	1.16	0.63	1.63
0	-629	-628	S	113	QA	ZG	0.62	1.00	1.24	1.46
0	-629	-628	S	101	QA	ZG	1.14	2.46	1.24	2.39
0	-1079	-1073	S	211	QA	ZG	0.00	1.67	1.03	1.67
0	-2072	-549	S	103	QA	ZG	0.00	2.50	1.51	3.64
0	-2072	-549	S	116	QA	ZG	0.18	1.63	0.80	1.16
0	-2072	-549	S	107	QA	ZG	0.00	4.89	2.35	4.89
0	-2072	-549	S	103	QA	ZG	1.51	3.64	1.93	3.95
0	-1148	-1149	S	600	QA	ZG	0.00	11.01	1.33	11.01
0	-1954	-592	S	109	QA	ZG	0.00	1.67	1.57	1.67
0	-1151	-2078	S	600	QA	ZG	0.00	11.01	1.55	11.01
0	-1939	-595	S	121	QA	ZG	0.00	1.43	1.57	1.43
0	-595	-596	S	121	QA	ZG	0.00	0.06	1.91	0.00
0	-628	-627	S	101	QA	ZG	0.00	2.38	1.54	1.23
0	-628	-627	S	113	QA	ZG	0.00	1.46	0.71	1.99
0	-630	-2180	S	101	QA	ZG	0.00	3.85	1.03	3.85
0	-630	-2180	S	113	QA	ZG	0.00	0.00	0.71	0.53
0	-630	-2180	S	101	QA	ZG	1.03	3.85	1.28	3.85
0	-575	-1939	S	102	QA	ZG	0.00	4.27	0.10	4.27
0	-575	-1939	S	115	QA	ZG	1.54	1.16	1.91	1.43
0	-575	-1939	S	102	QA	ZG	1.30	3.36	1.91	2.91
0	-575	-1939	S	102	QA	ZG	0.10	4.27	1.10	3.52
0	-1108	-1079	S	202	QA	ZG	0.00	7.69	2.94	7.69
0	-2110	-575	S	102	QA	ZG	0.00	3.11	1.54	4.27
0	-2110	-575	S	107	QA	ZG	0.00	4.89	1.54	4.89
0	-1079	-1080	S	208	QA	ZG	0.00	1.26	1.60	1.18
0	-1080	-1091	S	207	QA	ZG	0.00	3.33	0.89	3.33
0	-1946	-1081	S	213	QA	ZG	0.00	1.43	1.57	1.43
0	-630	-629	S	101	QA	ZG	0.00	3.85	0.21	3.69
0	-630	-629	S	101	QA	ZG	0.21	3.69	0.71	3.31
0	-575	-596	S	121	QA	ZG	0.00	1.43	1.57	1.43
0	-596	-621	S	108	QA	ZG	0.00	4.89	3.31	4.89
0	-550	-551	S	103	QA	ZG	0.00	2.32	1.00	1.57
0	-550	-551	S	116	QA	ZG	0.00	1.63	0.18	1.76
0	-575	-576	S	110	QA	ZG	0.00	2.48	3.26	2.48
0	-603	-597	S	117	QA	ZG	0.56	3.95	0.81	3.95
0	-603	-597	S	108	QA	ZG	0.00	4.89	0.81	4.89
0	-613	-603	S	117	QA	ZG	0.00	3.40	0.18	3.53
0	-577	-576	S	103	QA	ZG	0.00	0.66	0.88	0.00
0	-577	-576	S	116	QA	ZG	0.00	3.29	0.25	3.48
0	-1056	-2112	S	201	QA	ZG	0.00	8.69	2.00	8.69
0	-2112	-1067	S	201	QA	ZG	1.44	8.69	1.54	6.28
0	-576	-2071	S	116	QA	ZG	0.42	3.95	1.54	3.11
0	-576	-2071	S	107	QA	ZG	0.00	4.89	1.54	4.89
0	-614	-613	S	105	QA	ZG	0.00	1.47	0.97	0.74
0	-614	-613	S	108	QA	ZG	0.00	4.89	0.97	4.89
0	-1081	-1082	S	213	QA	ZG	0.00	0.06	1.91	0.00
0	-1067	-1082	S	213	QA	ZG	0.00	1.43	1.57	1.43
0	-2182	-1108	S	202	QA	ZG	0.00	7.69	1.33	7.69
0	-551	-552	S	103	QA	ZG	0.00	1.36	0.77	0.79
0	-551	-552	S	116	QA	ZG	0.00	2.59	0.70	3.11
0	-1120	-2182	S	202	QA	ZG	0.00	7.69	1.33	7.69
0	-556	-562	S	119	QA	ZG	0.21	0.95	1.05	1.57
0	-556	-562	S	116	QA	ZG	0.25	3.29	1.05	2.69
0	-556	-562	S	104	QA	ZG	0.55	3.07	1.05	2.69
0	-556	-562	S	103	QA	ZG	0.77	1.36	1.05	1.57
0	-553	-554	S	119	QA	ZG	0.84	1.57	1.30	1.92
0	-553	-554	S	104	QA	ZG	1.27	2.38	1.30	2.35
0	-1045	-1046	S	203	QA	ZG	0.00	8.54	1.26	8.54
0	-577	-578	S	103	QA	ZG	0.00	0.66	0.66	1.16
0	-577	-578	S	116	QA	ZG	0.00	3.29	0.80	2.69
0	-577	-578	S	103	QA	ZG	0.66	1.16	1.12	1.50
0	-626	-637	S	108	QA	ZG	0.00	4.89	1.19	4.89
0	-1187	-1188	S	600	QA	ZG	0.00	11.01	0.90	11.01
0	-1188	-1189	S	600	QA	ZG	0.00	11.01	2.36	11.01
0	-552	-556	S	119	QA	ZG	0.00	0.00	1.05	0.79
0	-552	-556	S	116	QA	ZG	0.00	3.95	0.42	3.95
0	-1153	-1154	S	600	QA	ZG	0.00	11.01	1.82	11.01
0	-600	-601	S	117	QA	ZG	0.70	0.61	1.51	0.00

0	-600	-601	S	117	QA	ZG	0.52	0.74	0.70	0.61
0	-600	-601	S	117	QA	ZG	0.00	1.13	0.23	0.96
0	-605	-610	S	105	QA	ZG	0.00	3.53	0.18	3.40
0	-605	-610	S	117	QA	ZG	0.00	0.61	0.18	0.74
0	-1110	-1116	S	206	QA	ZG	0.00	4.89	1.02	4.89
0	-552	-553	S	119	QA	ZG	1.05	0.79	1.26	0.95
0	-552	-553	S	104	QA	ZG	0.01	4.27	1.26	3.33
0	-568	-580	S	103	QA	ZG	0.00	3.93	0.03	3.95
0	-568	-580	S	116	QA	ZG	0.03	0.31	0.45	0.00
0	-568	-580	S	104	QA	ZG	0.00	0.34	0.45	0.00
0	-580	-579	S	103	QA	ZG	0.00	3.95	0.42	3.64
0	-580	-579	S	106	QA	ZG	0.00	2.48	0.42	2.48
0	-597	-598	S	117	QA	ZG	1.80	2.60	2.54	2.05
0	-597	-598	S	117	QA	ZG	0.00	3.95	1.20	3.05
0	-597	-598	S	105	QA	ZG	1.96	1.47	2.54	1.91
0	-642	-614	S	105	QA	ZG	0.00	3.95	0.25	3.95
0	-642	-614	S	117	QA	ZG	1.55	1.16	2.79	2.09
0	-642	-614	S	108	QA	ZG	0.00	4.89	3.56	4.89
0	-642	-614	S	105	QA	ZG	1.88	2.73	2.98	1.91
0	-642	-614	S	105	QA	ZG	0.25	3.95	1.76	2.82
0	-562	-568	S	119	QA	ZG	0.46	1.92	3.14	3.93
0	-562	-568	S	116	QA	ZG	0.32	2.45	3.14	0.34
0	-562	-568	S	104	QA	ZG	0.00	2.69	3.14	0.34
0	-562	-568	S	103	QA	ZG	1.00	2.32	1.62	2.79
0	-579	-578	S	116	QA	ZG	0.03	0.34	2.85	2.45
0	-579	-578	S	106	QA	ZG	0.00	2.48	2.85	2.48
0	-598	-599	S	105	QA	ZG	0.00	1.91	1.10	2.73
0	-598	-599	S	117	QA	ZG	0.77	1.47	0.89	1.38
0	-598	-599	S	117	QA	ZG	0.00	2.05	0.12	1.96
0	-599	-600	S	105	QA	ZG	0.00	2.73	0.12	2.82
0	-599	-600	S	106	QA	ZG	0.00	2.48	0.12	2.48
0	-1090	-1084	S	206	QA	ZG	0.00	4.89	0.81	4.89
0	-1096	-1090	S	206	QA	ZG	0.00	4.89	0.18	4.89
0	-1100	-1096	S	206	QA	ZG	0.00	4.89	0.41	4.89
0	-581	-580	S	104	QA	ZG	0.00	0.15	0.20	0.00
0	-581	-580	S	119	QA	ZG	0.00	4.12	0.19	4.27
0	-582	-581	S	119	QA	ZG	0.00	3.51	0.82	4.12
0	-601	-605	S	105	QA	ZG	0.00	3.95	0.25	3.95
0	-601	-605	S	105	QA	ZG	0.25	3.95	0.81	3.53
0	-1101	-1100	S	205	QA	ZG	0.00	7.91	0.56	7.91
0	-1116	-1127	S	206	QA	ZG	0.00	4.89	1.19	4.89
0	-1132	-1101	S	206	QA	ZG	0.00	4.89	3.56	4.89
0	-554	-555	S	119	QA	ZG	3.13	4.27	3.14	4.27
0	-554	-555	S	119	QA	ZG	0.00	1.92	2.68	3.93
0	-606	-605	S	118	QA	ZG	0.05	0.14	0.23	0.00
0	-610	-612	S	105	QA	ZG	0.00	3.40	0.29	3.18
0	-610	-612	S	118	QA	ZG	0.00	0.14	0.05	0.17
0	-610	-612	S	111	QA	ZG	0.00	3.40	0.29	3.18
0	-606	-607	S	118	QA	ZG	0.80	0.77	0.85	0.81
0	-606	-607	S	118	QA	ZG	0.00	0.17	0.24	0.35
0	-612	-2035	S	105	QA	ZG	0.00	3.18	0.51	2.79
0	-612	-2035	S	117	QA	ZG	0.35	1.22	0.56	1.38
0	-612	-2035	S	117	QA	ZG	0.00	0.96	0.23	1.13
0	-612	-2035	S	105	QA	ZG	0.51	2.79	0.56	2.76
0	-2035	-2036	S	118	QA	ZG	0.05	0.81	0.12	0.86
0	-2035	-2036	S	117	QA	ZG	0.00	1.38	0.12	1.47
0	-2037	-2038	S	105	QA	ZG	0.00	2.18	0.43	1.86
0	-2037	-2038	S	117	QA	ZG	0.12	2.05	0.86	2.60
0	-2037	-2038	S	111	QA	ZG	0.30	1.96	0.86	1.54
0	-2037	-2038	S	105	QA	ZG	0.43	1.86	0.86	1.54
0	-583	-582	S	119	QA	ZG	0.91	1.89	3.07	3.51
0	-583	-582	S	104	QA	ZG	0.50	2.69	3.07	0.77
0	-2036	-2037	S	118	QA	ZG	0.00	0.86	0.65	1.35
0	-2036	-2037	S	111	QA	ZG	0.00	2.67	0.65	2.18
0	-608	-607	S	118	QA	ZG	2.94	0.86	3.01	0.81
0	-608	-607	S	118	QA	ZG	1.43	2.00	2.29	1.35
0	-608	-607	S	118	QA	ZG	0.00	3.07	0.83	2.44
0	-1069	-1068	S	203	QA	ZG	0.00	8.54	0.20	8.54
0	-584	-583	S	104	QA	ZG	0.00	4.27	0.01	4.27
0	-584	-583	S	119	QA	ZG	0.00	0.00	1.40	1.05
0	-584	-583	S	104	QA	ZG	0.01	4.27	1.06	3.48
0	-555	-564	S	119	QA	ZG	1.01	3.51	3.17	1.89
0	-555	-564	S	119	QA	ZG	0.00	4.27	0.19	4.12
0	-2038	-625	S	105	QA	ZG	0.00	1.54	0.60	1.09
0	-2038	-625	S	117	QA	ZG	0.00	2.60	0.60	3.05
0	-1190	-1191	S	600	QA	ZG	0.00	11.01	1.10	11.01
0	-625	-645	S	118	QA	ZG	0.83	3.07	1.45	3.53
0	-625	-645	S	117	QA	ZG	1.20	3.95	1.45	3.95
0	-625	-645	S	111	QA	ZG	0.63	0.62	1.45	0.00

0	-600	-601	S	117	QA	ZG	0.23	0.96	0.52	0.74
0	-600	-601	S	106	QA	ZG	0.00	2.48	1.51	2.48
0	-605	-610	S	118	QA	ZG	0.00	0.00	0.18	0.14
0	-605	-610	S	111	QA	ZG	0.00	3.53	0.18	3.40
0	-552	-553	S	104	QA	ZG	0.00	4.27	0.01	4.27
0	-552	-553	S	119	QA	ZG	0.00	0.00	1.05	0.79
0	-1046	-1047	S	203	QA	ZG	0.00	8.54	1.30	8.54
0	-568	-580	S	119	QA	ZG	0.00	3.93	0.45	4.27
0	-568	-580	S	116	QA	ZG	0.00	0.34	0.03	0.31
0	-568	-580	S	103	QA	ZG	0.03	3.95	0.45	3.95
0	-580	-579	S	116	QA	ZG	0.00	0.00	0.42	0.31
0	-597	-598	S	105	QA	ZG	0.00	0.00	0.81	0.61
0	-597	-598	S	117	QA	ZG	1.20	3.05	1.80	2.60
0	-597	-598	S	106	QA	ZG	0.00	2.48	2.54	2.48
0	-597	-598	S	105	QA	ZG	0.81	0.61	1.96	1.47
0	-642	-614	S	117	QA	ZG	2.79	2.09	3.56	2.67
0	-642	-614	S	117	QA	ZG	0.00	0.00	1.55	1.16
0	-642	-614	S	105	QA	ZG	2.98	1.91	3.56	1.47
0	-642	-614	S	105	QA	ZG	1.76	2.82	1.88	2.73
0	-562	-568	S	103	QA	ZG	0.00	1.57	1.00	2.32
0	-562	-568	S	119	QA	ZG	0.00	1.57	0.46	1.92
0	-562	-568	S	116	QA	ZG	0.00	2.69	0.32	2.45
0	-562	-568	S	103	QA	ZG	1.62	2.79	3.14	3.93
0	-579	-578	S	103	QA	ZG	0.00	3.64	1.51	2.50
0	-579	-578	S	116	QA	ZG	0.00	0.31	0.03	0.34
0	-579	-578	S	103	QA	ZG	1.51	2.50	2.85	1.50
0	-598	-599	S	117	QA	ZG	0.89	1.38	1.10	1.22
0	-598	-599	S	117	QA	ZG	0.12	1.96	0.77	1.47
0	-598	-599	S	106	QA	ZG	0.00	2.48	1.10	2.48
0	-599	-600	S	117	QA	ZG	0.00	1.22	0.12	1.13
0	-1090	-1084	S	205	QA	ZG	0.00	7.91	0.81	7.91
0	-1096	-1090	S	205	QA	ZG	0.00	7.91	0.18	7.91
0	-1100	-1096	S	205	QA	ZG	0.00	7.91	0.41	7.91
0	-1047	-1048	S	203	QA	ZG	0.00	8.54	3.14	8.54
0	-581	-580	S	119	QA	ZG	0.19	4.27	0.20	4.27
0	-582	-581	S	104	QA	ZG	0.00	0.77	0.57	0.34
0	-582	-581	S	104	QA	ZG	0.57	0.34	0.82	0.15
0	-601	-605	S	117	QA	ZG	0.00	0.00	0.81	0.61
0	-1189	-1190	S	600	QA	ZG	0.00	11.01	2.54	11.01
0	-1101	-1100	S	206	QA	ZG	0.00	4.89	0.56	4.89
0	-1132	-1101	S	205	QA	ZG	0.00	7.91	3.56	7.91
0	-554	-555	S	104	QA	ZG	0.00	2.35	3.14	0.00
0	-554	-555	S	119	QA	ZG	2.68	3.93	3.13	4.27
0	-606	-605	S	111	QA	ZG	0.00	3.53	0.23	3.53
0	-606	-605	S	118	QA	ZG	0.00	0.17	0.05	0.14
0	-610	-612	S	118	QA	ZG	0.05	0.17	0.29	0.35
0	-610	-612	S	117	QA	ZG	0.00	0.74	0.29	0.96
0	-606	-607	S	111	QA	ZG	0.00	3.53	0.76	3.53
0	-606	-607	S	118	QA	ZG	0.24	0.35	0.80	0.77
0	-606	-607	S	111	QA	ZG	0.76	3.53	0.85	3.46
0	-612	-2035	S	118	QA	ZG	0.00	0.35	0.56	0.77
0	-612	-2035	S	117	QA	ZG	0.23	1.13	0.35	1.22
0	-612	-2035	S	111	QA	ZG	0.00	3.18	0.56	2.76
0	-2035	-2036	S	105	QA	ZG	0.00	2.76	0.12	2.67
0	-2035	-2036	S	118	QA	ZG	0.00	0.77	0.05	0.81
0	-2035	-2036	S	111	QA	ZG	0.00	2.76	0.12	2.67
0	-2037	-2038	S	118	QA	ZG	0.00	1.35	0.86	2.00
0	-2037	-2038	S	117	QA	ZG	0.00	1.96	0.12	2.05
0	-2037	-2038	S	111	QA	ZG	0.00	2.18	0.30	1.96
0	-583	-582	S	104	QA	ZG	0.00	3.07	0.50	2.69
0	-583	-582	S	119	QA	ZG	0.00	1.21	0.91	1.89
0	-2036	-2037	S	105	QA	ZG	0.00	2.67	0.65	2.18
0	-2036	-2037	S	117	QA	ZG	0.00	1.47	0.65	1.96
0	-608	-607	S	111	QA	ZG	0.00	1.21	3.01	3.46
0	-608	-607	S	118	QA	ZG	2.29	1.35	2.94	0.86
0	-608	-607	S	118	QA	ZG	0.83	2.44	1.43	2.00
0	-1191	-1192	S	600	QA	ZG	0.00	11.01	0.12	11.01
0	-1070	-1069	S	203	QA	ZG	0.00	8.54	0.82	8.54
0	-584	-583	S	119	QA	ZG	1.40	1.05	1.61	1.21
0	-584	-583	S	104	QA	ZG	1.06	3.48	1.61	3.07
0	-555	-564	S	104	QA	ZG	0.00	0.00	3.14	2.35
0	-555	-564	S	119	QA	ZG	0.19	4.13	1.01	3.51
0	-555	-564	S	104	QA	ZG	3.14	2.35	3.17	2.38
0	-2038	-625	S	118	QA	ZG	0.00	2.00	0.60	2.44
0	-2038	-625	S	111	QA	ZG	0.00	1.54	0.60	1.09
0	-625	-645	S	105	QA	ZG	0.00	1.09	1.45	0.00
0	-625	-645	S	118	QA	ZG	0.00	2.44	0.83	3.07
0	-625	-645	S	117	QA	ZG	0.00	3.05	1.20	3.95
0	-625	-645	S	111	QA	ZG	0.13	0.99	0.63	0.62

0	-625	-645	S	111	QA	ZG	0.00	1.09	0.13	0.99
0	-643	-642	S	105	QA	ZG	0.00	2.79	0.51	3.18
0	-643	-642	S	105	QA	ZG	0.99	3.53	1.55	3.95
0	-643	-642	S	105	QA	ZG	0.51	3.18	0.81	3.40
0	-644	-643	S	117	QA	ZG	0.00	2.09	1.25	1.16
0	-644	-643	S	105	QA	ZG	1.08	2.67	1.20	2.76
0	-1192	-1193	S	600	QA	ZG	0.00	11.01	1.51	11.01
0	-1092	-1097	S	205	QA	ZG	0.00	7.91	0.18	7.91
0	-564	-566	S	104	QA	ZG	0.00	2.38	1.12	3.22
0	-564	-566	S	119	QA	ZG	0.00	1.89	0.91	1.21
0	-645	-644	S	117	QA	ZG	1.71	2.67	2.48	2.09
0	-645	-644	S	117	QA	ZG	0.56	3.53	0.74	3.40
0	-645	-644	S	105	QA	ZG	2.05	1.54	2.48	1.86
0	-646	-645	S	111	QA	ZG	0.00	0.62	0.82	0.00
0	-1099	-1102	S	204	QA	ZG	0.00	8.55	0.56	8.55
0	-566	-584	S	104	QA	ZG	0.00	3.22	0.15	3.33
0	-566	-584	S	104	QA	ZG	0.15	3.33	1.40	4.27
0	-647	-646	S	118	QA	ZG	0.33	3.53	0.50	3.53
0	-647	-646	S	118	QA	ZG	0.00	3.28	0.01	3.29
0	-1097	-1099	S	205	QA	ZG	0.00	7.91	0.29	7.91
0	-1102	-1918	S	205	QA	ZG	0.00	7.91	0.12	7.91
0	-1918	-1107	S	205	QA	ZG	0.00	7.91	0.65	7.91
0	-1107	-1112	S	205	QA	ZG	0.00	7.91	0.86	7.91
0	-609	-608	S	118	QA	ZG	0.99	3.53	1.61	3.07
0	-609	-608	S	118	QA	ZG	0.00	3.53	0.17	3.53
0	-609	-608	S	111	QA	ZG	0.32	0.24	1.60	1.20
0	-609	-611	S	118	QA	ZG	0.00	3.53	0.32	3.29
0	-611	-618	S	118	QA	ZG	0.01	3.28	1.28	2.33
0	-618	-649	S	111	QA	ZG	0.00	1.20	0.00	1.21
0	-618	-649	S	118	QA	ZG	0.00	2.33	0.02	2.32
0	-618	-649	S	111	QA	ZG	0.00	1.21	3.01	3.46
0	-1112	-1115	S	205	QA	ZG	0.00	7.91	0.60	7.91
0	-648	-647	S	118	QA	ZG	0.02	2.33	1.29	3.28
0	-648	-647	S	111	QA	ZG	1.16	1.09	1.29	0.99
0	-649	-648	S	111	QA	ZG	0.00	3.53	0.76	3.53
0	-649	-648	S	111	QA	ZG	2.79	2.18	3.09	1.96
0	-649	-648	S	111	QA	ZG	2.02	2.76	2.14	2.67
0	-649	-648	S	111	QA	ZG	1.17	3.40	1.46	3.18
0	-649	-648	S	111	QA	ZG	0.76	3.53	0.99	3.53
0	-1098	-1106	S	204	QA	ZG	0.00	8.55	1.28	8.55
0	-1115	-1135	S	205	QA	ZG	0.00	7.91	1.45	7.91
0	-1106	-1139	S	204	QA	ZG	0.00	8.55	3.10	8.55

0	-1088	-1092	S	205	QA	ZG	0.00	7.91	0.81	7.91
0	-643	-642	S	117	QA	ZG	0.00	1.16	1.55	0.00
0	-643	-642	S	105	QA	ZG	0.81	3.40	0.99	3.53
0	-644	-643	S	105	QA	ZG	0.00	1.86	0.43	2.18
0	-644	-643	S	105	QA	ZG	1.20	2.76	1.25	2.79
0	-644	-643	S	105	QA	ZG	0.43	2.18	1.08	2.67
0	-1092	-1097	S	204	QA	ZG	0.00	8.55	0.18	8.55
0	-1071	-1070	S	203	QA	ZG	0.00	8.54	3.07	8.54
0	-564	-566	S	119	QA	ZG	0.91	1.21	1.12	1.05
0	-645	-644	S	105	QA	ZG	0.00	0.00	1.45	1.09
0	-645	-644	S	117	QA	ZG	0.74	3.40	1.71	2.67
0	-645	-644	S	117	QA	ZG	0.00	3.95	0.56	3.53
0	-645	-644	S	105	QA	ZG	1.45	1.09	2.05	1.54
0	-646	-645	S	118	QA	ZG	0.00	3.53	0.82	3.53
0	-1099	-1102	S	205	QA	ZG	0.00	7.91	0.56	7.91
0	-566	-584	S	119	QA	ZG	0.00	1.05	1.40	0.00
0	-647	-646	S	111	QA	ZG	0.00	0.99	0.50	0.62
0	-647	-646	S	118	QA	ZG	0.01	3.29	0.33	3.53
0	-1097	-1099	S	204	QA	ZG	0.00	8.55	0.29	8.55
0	-1102	-1918	S	204	QA	ZG	0.00	8.55	0.12	8.55
0	-1918	-1107	S	204	QA	ZG	0.00	8.55	0.65	8.55
0	-1107	-1112	S	204	QA	ZG	0.00	8.55	0.86	8.55
0	-609	-608	S	111	QA	ZG	0.00	0.00	0.32	0.24
0	-609	-608	S	118	QA	ZG	0.17	3.53	0.99	3.53
0	-609	-608	S	111	QA	ZG	1.60	1.20	1.61	1.21
0	-609	-611	S	111	QA	ZG	0.00	0.00	0.32	0.24
0	-611	-618	S	111	QA	ZG	0.00	0.24	1.28	1.20
0	-611	-618	S	118	QA	ZG	0.00	3.29	0.01	3.29
0	-618	-649	S	118	QA	ZG	0.02	2.32	3.10	0.00
0	-618	-649	S	111	QA	ZG	3.01	3.46	3.10	3.53
0	-1112	-1115	S	204	QA	ZG	0.00	8.55	0.60	8.55
0	-648	-647	S	111	QA	ZG	0.00	1.96	0.56	1.54
0	-648	-647	S	118	QA	ZG	0.00	2.32	0.02	2.33
0	-648	-647	S	111	QA	ZG	0.56	1.54	1.16	1.09
0	-649	-648	S	118	QA	ZG	0.00	0.00	3.09	2.32
0	-649	-648	S	111	QA	ZG	2.14	2.67	2.79	2.18
0	-649	-648	S	111	QA	ZG	1.46	3.18	2.02	2.76
0	-649	-648	S	111	QA	ZG	0.99	3.53	1.17	3.40
0	-1072	-1071	S	203	QA	ZG	0.00	8.54	1.61	8.54
0	-1115	-1135	S	204	QA	ZG	0.00	8.55	1.45	8.55
0	-1095	-1098	S	204	QA	ZG	0.00	8.55	0.32	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>
0	-1776	-1895	S	401	QA	ZG	0.00	2.27	5.86	2.27
0	-1895	-1904	S	400	QA	ZG	0.00	2.27	0.91	2.27
0	-1858	-1904	S	402	QA	ZG	6.73	2.27	6.73	0.00
0	-2150	-2151	S	--	M	ZG	0.00	1.39	3.18	1.39
0	-1898	-1779	S	401	QA	ZG	0.00	2.27	5.86	2.27
0	-1898	-1779	S	404	QA	ZG	0.00	2.57	5.86	2.57
0	-1782	-1901	S	406	QA	ZG	0.00	3.78	5.97	3.78
0	-1861	-1899	S	402	QA	ZG	0.00	2.27	5.88	2.27
0	-1861	-1899	S	402	QA	ZG	0.00	0.91	0.00	2.39
0	-1861	-1899	S	402	QA	ZG	0.00	0.00	0.00	0.33
0	-1860	-1859	S	402	QA	ZG	0.00	0.00	1.24	0.00
0	-1900	-1865	S	405	QA	ZG	5.88	0.34	5.88	0.00
0	-1900	-1865	S	405	QA	ZG	5.87	1.58	5.88	0.95
0	-1900	-1865	S	405	QA	ZG	0.00	1.58	0.08	1.58
0	-1901	-1907	S	406	QA	ZG	0.00	3.78	0.80	3.78
0	-1866	-1865	S	405	QA	ZG	0.00	0.00	0.77	0.00
0	-1888	-1868	S	409	QA	ZG	5.80	0.33	5.80	0.00
0	-1888	-1868	S	409	QA	ZG	5.79	1.15	5.79	0.99
0	-1888	-1868	S	409	QA	ZG	0.96	1.44	1.98	1.44
0	-1867	-1866	S	405	QA	ZG	0.00	0.00	1.37	0.00
0	-1907	-1888	S	405	QA	ZG	0.00	0.00	0.00	1.66
0	-1907	-1888	S	405	QA	ZG	0.85	1.58	0.93	1.58
0	-1888	-1889	S	409	QA	ZG	0.00	0.00	0.90	0.00
0	-1869	-1868	S	409	QA	ZG	0.00	0.00	0.74	0.00
0	-1873	-1881	S	409	QA	ZG	0.00	1.44	3.81	1.44
0	-1871	-1870	S	409	QA	ZG	0.00	0.00	1.28	0.00
0	-1872	-1871	S	409	QA	ZG	0.00	0.00	0.37	0.00
0	-1884	-1890	S	409	QA	ZG	0.96	1.10	0.96	0.00
0	-1884	-1890	S	409	QA	ZG	0.00	1.44	0.96	1.44
0	-1884	-1890	S	408	QA	ZG	0.96	1.66	0.96	1.61

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-1780	-1781	S	404	QA	ZG	0.00	0.00	1.27	0.00
0	-1858	-1904	S	402	QA	ZG	0.00	2.27	5.88	2.27
0	-1858	-1904	S	402	QA	ZG	5.88	2.27	6.73	2.27
0	-1859	-1858	S	402	QA	ZG	0.00	0.00	3.18	0.00
0	-1898	-1779	S	404	QA	ZG	5.86	1.66	5.86	1.09
0	-1782	-1901	S	404	QA	ZG	0.00	2.57	5.86	2.57
0	-1782	-1901	S	404	QA	ZG	5.86	2.57	5.97	2.57
0	-1861	-1899	S	403	QA	ZG	0.00	0.98	5.88	0.98
0	-1861	-1899	S	402	QA	ZG	0.00	0.33	0.00	0.91
0	-1861	-1860	S	402	QA	ZG	0.00	0.00	0.71	0.00
0	-1900	-1865	S	403	QA	ZG	0.00	0.98	5.88	0.98
0	-1900	-1865	S	405	QA	ZG	5.88	0.95	5.88	0.34
0	-1900	-1865	S	405	QA	ZG	0.08	1.58	5.87	1.58
0	-1901	-1907	S	404	QA	ZG	0.00	2.57	0.80	2.57
0	-1901	-1907	S	404	QA	ZG	0.80	1.02	0.80	0.00
0	-1888	-1868	S	405	QA	ZG	0.00	1.58	5.80	1.58
0	-1888	-1868	S	409	QA	ZG	5.79	0.99	5.80	0.42
0	-1888	-1868	S	409	QA	ZG	1.98	1.44	5.79	1.44
0	-1888	-1868	S	409	QA	ZG	0.00	1.44	0.96	1.44
0	-1868	-1867	S	405	QA	ZG	0.00	0.00	1.43	0.00
0	-1907	-1888	S	410	QA	ZG	0.00	3.78	0.93	3.78
0	-1907	-1888	S	405	QA	ZG	0.00	3.17	0.85	3.17
0	-1889	-1890	S	409	QA	ZG	0.00	0.00	2.36	0.00
0	-1873	-1881	S	408	QA	ZG	0.00	2.33	3.81	2.33
0	-1873	-1881	S	408	QA	ZG	3.81	2.33	3.81	2.33
0	-1874	-1873	S	408	QA	ZG	0.00	0.00	1.55	0.00
0	-1884	-1890	S	408	QA	ZG	0.00	2.33	0.11	2.33
0	-1884	-1890	S	409	QA	ZG	0.96	1.52	0.96	1.10
0	-1884	-1890	S	408	QA	ZG	0.96	1.05	0.96	0.00
0	-1884	-1890	S	408	QA	ZG	0.96	2.33	0.96	1.66

0	-1884	-1890	S	408	QA	ZG	0.11	2.33	0.96	2.33
0	-1790	-1902	S	406	QA	ZG	0.00	3.78	5.97	3.78
0	-1814	-1903	S	411	QA	ZG	0.00	2.49	5.35	0.00
0	-1814	-1903	S	412	QA	ZG	0.00	1.08	4.47	1.08
0	-1814	-1903	S	412	QA	ZG	0.00	0.33	0.00	0.64
0	-1902	-1908	S	406	QA	ZG	0.00	3.78	0.80	3.78
0	-1885	-1883	S	408	QA	ZG	0.00	2.33	0.11	2.33
0	-1885	-1883	S	408	QA	ZG	0.11	2.34	0.19	2.34
0	-1814	-1820	S	412	QA	ZG	0.00	0.00	0.76	0.00
0	-1892	-1893	S	408	QA	ZG	0.00	0.00	0.12	0.00
0	-1908	-1894	S	415	QA	ZG	0.00	0.00	0.93	0.35
0	-1894	-1885	S	415	QA	ZG	0.00	0.35	0.85	0.66
0	-1820	-1823	S	412	QA	ZG	0.00	0.00	0.69	0.00
0	-1840	-1887	S	413	QA	ZG	0.00	2.06	4.47	0.00
0	-1882	-1876	S	408	QA	ZG	0.00	2.33	3.81	2.33
0	-1882	-1876	S	408	QA	ZG	3.81	1.15	3.81	0.00
0	-1882	-1876	S	408	QA	ZG	3.81	2.45	3.81	1.73
402	-1904	-1905	S	402	QA	ZG	0.00	0.00	5.13	0.00
402	-1906	-1907	S	405	QA	ZG	0.00	0.00	3.57	0.00
406	-1905	-1898	S	400	QA	ZG	0.00	2.27	0.91	2.27
406	-1905	-1898	S	404	QA	ZG	0.00	2.57	0.80	2.57
409	-1881	-1884	S	409	QA	ZG	0.00	1.44	1.02	1.44
410	-1883	-1882	S	408	QA	ZG	0.00	2.34	0.94	2.34
410	-1883	-1882	S	408	QA	ZG	0.94	2.33	0.94	2.33
412	-1793	-1903	S	411	QA	ZG	0.00	1.70	7.81	0.00
412	-1903	-1908	S	412	QA	ZG	0.00	0.46	1.04	0.00
415	-1887	-1908	S	415	QA	ZG	1.11	0.27	2.32	0.00
415	-1887	-1908	S	415	QA	ZG	0.00	0.15	0.00	0.53
415	-1880	-1887	S	413	QA	ZG	0.00	1.42	6.49	0.00
415	-1880	-1887	S	414	QA	ZG	5.01	0.83	6.25	0.56
415	-1880	-1887	S	414	QA	ZG	0.00	1.10	0.00	1.55
422	-1899	-1905	S	403	QA	ZG	0.00	1.97	0.85	1.97

0	-1890	-1891	S	408	QA	ZG	0.00	0.00	2.54	0.00
0	-1790	-1902	S	407	QA	ZG	0.00	2.53	5.97	0.30
0	-1814	-1903	S	412	QA	ZG	4.47	1.08	5.35	0.67
0	-1814	-1903	S	412	QA	ZG	0.00	0.64	0.00	1.08
0	-1814	-1903	S	412	QA	ZG	0.00	0.00	0.00	0.33
0	-1902	-1908	S	407	QA	ZG	0.00	0.30	0.80	0.00
0	-1885	-1883	S	414	QA	ZG	0.00	0.66	0.19	0.73
0	-1875	-1874	S	408	QA	ZG	0.00	0.00	1.25	0.00
0	-1893	-1894	S	408	QA	ZG	0.00	0.00	1.51	0.00
0	-1908	-1894	S	410	QA	ZG	0.00	3.78	0.93	3.78
0	-1894	-1885	S	408	QA	ZG	0.00	2.33	0.85	2.33
0	-1876	-1875	S	408	QA	ZG	0.00	0.00	2.48	0.00
0	-1840	-1887	S	412	QA	ZG	0.00	1.08	4.47	1.08
0	-1823	-1840	S	412	QA	ZG	0.00	0.00	1.01	0.00
0	-1882	-1876	S	414	QA	ZG	0.00	1.09	3.81	2.52
0	-1882	-1876	S	408	QA	ZG	3.81	1.73	3.81	1.15
0	-1879	-1878	S	414	QA	ZG	0.00	0.00	1.29	0.00
402	-1906	-1907	S	404	QA	ZG	0.00	0.00	3.57	0.00
403	-1886	-1885	S	415	QA	ZG	0.00	0.00	1.08	0.00
406	-1905	-1898	S	404	QA	ZG	0.80	2.57	0.91	2.57
409	-1881	-1884	S	408	QA	ZG	0.00	2.34	0.94	2.34
409	-1881	-1884	S	408	QA	ZG	0.94	2.34	1.02	2.34
410	-1883	-1882	S	414	QA	ZG	0.00	0.73	0.94	1.09
412	-1793	-1903	S	407	QA	ZG	0.00	1.93	7.81	0.23
412	-1903	-1908	S	407	QA	ZG	0.00	0.23	1.04	0.00
415	-1887	-1908	S	412	QA	ZG	0.00	0.73	1.28	0.45
415	-1887	-1908	S	415	QA	ZG	0.00	0.51	1.11	0.27
415	-1887	-1908	S	412	QA	ZG	1.28	0.45	2.32	0.00
415	-1880	-1887	S	414	QA	ZG	6.25	0.56	6.49	0.50
415	-1880	-1887	S	414	QA	ZG	0.00	1.92	5.01	0.83
422	-1899	-1905	S	402	QA	ZG	0.00	2.27	0.85	2.27

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>
0	-2165	-592	S	--	M	ZG	0.00	7.90	3.89	7.90
0	-300	-2165	S	--	M	ZG	0.00	7.90	0.88	7.90
0	-2168	-1080	S	--	M	ZG	0.00	7.90	4.10	7.90
0	-2155	-301	S	--	M	ZG	0.00	7.90	1.02	7.90
0	-800	-790	S	--	M	ZG	0.00	7.90	1.33	7.90
0	-2172	-1825	S	--	M	ZG	0.00	7.90	3.87	7.90
0	-788	-792	S	--	M	ZG	0.00	7.90	1.02	7.90
0	-42	-260	S	--	M	ZG	0.00	5.30	3.69	5.30
0	-792	-804	S	--	M	ZG	0.00	7.90	1.19	7.90
0	-581	-580	S	--	M	ZG	0.00	5.30	0.20	5.30
0	-1447	-1458	S	--	M	ZG	0.00	7.90	1.19	7.90
0	-606	-607	S	--	M	ZG	0.00	5.30	0.85	5.30
0	-260	-261	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-1069	-1068	S	--	M	ZG	0.00	5.30	0.20	5.30
0	-582	-764	S	--	M	ZG	0.00	5.30	3.78	5.30
0	-778	-1093	S	--	M	ZG	0.00	5.30	3.79	5.30
0	-764	-765	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-1837	-1836	S	--	M	ZG	0.00	5.30	0.54	5.30
0	-1429	-1838	S	--	M	ZG	0.00	5.30	3.54	5.30
0	-1430	-1429	S	--	M	ZG	0.00	5.30	1.61	5.30

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-58	-2155	S	--	M	ZG	0.00	7.90	3.97	7.90
0	-306	-300	S	--	M	ZG	0.00	7.90	1.33	7.90
0	-301	-311	S	--	M	ZG	0.00	7.90	1.19	7.90
0	-790	-2168	S	--	M	ZG	0.00	7.90	0.88	7.90
0	-596	-788	S	--	M	ZG	0.00	7.90	3.98	7.90
0	-1445	-2172	S	--	M	ZG	0.00	7.90	0.88	7.90
0	-1082	-1442	S	--	M	ZG	0.00	7.90	3.82	7.90
0	-1455	-1445	S	--	M	ZG	0.00	7.90	1.33	7.90
0	-1442	-1447	S	--	M	ZG	0.00	7.90	1.02	7.90
0	-582	-581	S	--	M	ZG	0.00	5.30	0.82	5.30
0	-606	-605	S	--	M	ZG	0.00	5.30	0.23	5.30
0	-275	-607	S	--	M	ZG	0.00	5.30	3.62	5.30
0	-276	-275	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-1070	-1069	S	--	M	ZG	0.00	5.30	0.82	5.30
0	-1093	-1092	S	--	M	ZG	0.00	5.30	1.08	5.30
0	-1070	-1409	S	--	M	ZG	0.00	5.30	3.61	5.30
0	-779	-778	S	--	M	ZG	0.00	5.30	1.61	5.30
0	-1838	-1837	S	--	M	ZG	0.00	5.30	0.54	5.30
0	-1409	-1410	S	--	M	ZG	0.00	5.30	1.61	5.30

Elenco carichi aste
Condizione di carico n. 7: Perm.Non Strut.: scale_ascensore
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-2165	-592	S	--	M	ZG	0.00	1.60	3.89	1.60
0	-300	-2165	S	--	M	ZG	0.00	1.60	0.88	1.60
0	-2168	-1080	S	--	M	ZG	0.00	1.60	4.10	1.60
0	-2155	-301	S	--	M	ZG	0.00	1.60	1.02	1.60
0	-800	-790	S	--	M	ZG	0.00	1.60	1.33	1.60
0	-2172	-1825	S	--	M	ZG	0.00	1.60	3.87	1.60
0	-788	-792	S	--	M	ZG	0.00	1.60	1.02	1.60
0	-42	-260	S	--	M	ZG	0.00	1.10	3.69	1.10
0	-792	-804	S	--	M	ZG	0.00	1.60	1.19	1.60
0	-581	-580	S	--	M	ZG	0.00	1.10	0.20	1.10
0	-1447	-1458	S	--	M	ZG	0.00	1.60	1.19	1.60
0	-606	-607	S	--	M	ZG	0.00	1.10	0.85	1.10
0	-260	-261	S	--	M	ZG	0.00	1.10	1.61	1.10

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-58	-2155	S	--	M	ZG	0.00	1.60	3.97	1.60
0	-306	-300	S	--	M	ZG	0.00	1.60	1.33	1.60
0	-301	-311	S	--	M	ZG	0.00	1.60	1.19	1.60
0	-790	-2168	S	--	M	ZG	0.00	1.60	0.88	1.60
0	-596	-788	S	--	M	ZG	0.00	1.60	3.98	1.60
0	-1445	-2172	S	--	M	ZG	0.00	1.60	0.88	1.60
0	-1082	-1442	S	--	M	ZG	0.00	1.60	3.82	1.60
0	-1455	-1445	S	--	M	ZG	0.00	1.60	1.33	1.60
0	-1442	-1447	S	--	M	ZG	0.00	1.60	1.02	1.60
0	-582	-581	S	--	M	ZG	0.00	1.10	0.82	1.10
0	-606	-605	S	--	M	ZG	0.00	1.10	0.23	1.10
0	-275	-607	S	--	M	ZG	0.00	1.10	3.62	1.10
0	-276	-275	S	--	M	ZG	0.00	1.10	1.61	1.10

0	-1069	-1068	S	--	M	ZG	0.00	1.10	0.20	1.10
0	-582	-764	S	--	M	ZG	0.00	1.10	3.78	1.10
0	-778	-1093	S	--	M	ZG	0.00	1.10	3.79	1.10
0	-764	-765	S	--	M	ZG	0.00	1.10	1.61	1.10
0	-1837	-1836	S	--	M	ZG	0.00	1.10	0.54	1.10
0	-1429	-1838	S	--	M	ZG	0.00	1.10	3.54	1.10
0	-1430	-1429	S	--	M	ZG	0.00	1.10	1.61	1.10

0	-1070	-1069	S	--	M	ZG	0.00	1.10	0.82	1.10
0	-1093	-1092	S	--	M	ZG	0.00	1.10	1.08	1.10
0	-1070	-1409	S	--	M	ZG	0.00	1.10	3.61	1.10
0	-779	-778	S	--	M	ZG	0.00	1.10	1.61	1.10
0	-1838	-1837	S	--	M	ZG	0.00	1.10	0.54	1.10
0	-1409	-1410	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	-2090	-544	S	125	QA	ZG	0.00	3.80	1.47	3.80
0	-545	-546	S	125	QA	ZG	0.00	3.80	0.28	3.80
0	-2165	-592	S	--	M	ZG	0.00	6.00	3.89	6.00
0	-548	-549	S	125	QA	ZG	0.00	3.80	0.68	3.80
0	-58	-2155	S	--	M	ZG	0.00	6.00	3.97	6.00
0	-306	-300	S	--	M	ZG	0.00	6.00	1.33	6.00
0	-301	-311	S	--	M	ZG	0.00	6.00	1.19	6.00
0	-790	-2168	S	--	M	ZG	0.00	6.00	0.88	6.00
0	-596	-788	S	--	M	ZG	0.00	6.00	3.98	6.00
0	-1445	-2172	S	--	M	ZG	0.00	6.00	0.88	6.00
0	-1082	-1442	S	--	M	ZG	0.00	6.00	3.82	6.00
0	-1455	-1445	S	--	M	ZG	0.00	6.00	1.33	6.00
0	-1442	-1447	S	--	M	ZG	0.00	6.00	1.02	6.00
0	-582	-581	S	--	M	ZG	0.00	4.00	0.82	4.00
0	-606	-605	S	--	M	ZG	0.00	4.00	0.23	4.00
0	-275	-607	S	--	M	ZG	0.00	4.00	3.62	4.00
0	-276	-275	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-1070	-1069	S	--	M	ZG	0.00	4.00	0.82	4.00
0	-1093	-1092	S	--	M	ZG	0.00	4.00	1.08	4.00
0	-1070	-1409	S	--	M	ZG	0.00	4.00	3.61	4.00
0	-779	-778	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-1838	-1837	S	--	M	ZG	0.00	4.00	0.54	4.00
0	-1409	-1410	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	-544	-545	S	125	QA	ZG	0.00	3.80	0.71	3.80
0	-546	-547	S	125	QA	ZG	0.00	3.80	1.33	3.80
0	-547	-548	S	125	QA	ZG	0.00	3.80	0.28	3.80
0	-549	-2075	S	125	QA	ZG	0.00	3.80	1.55	3.80
0	-300	-2165	S	--	M	ZG	0.00	6.00	0.88	6.00
0	-2168	-1080	S	--	M	ZG	0.00	6.00	4.10	6.00
0	-2155	-301	S	--	M	ZG	0.00	6.00	1.02	6.00
0	-800	-790	S	--	M	ZG	0.00	6.00	1.33	6.00
0	-2172	-1825	S	--	M	ZG	0.00	6.00	3.87	6.00
0	-788	-792	S	--	M	ZG	0.00	6.00	1.02	6.00
0	-42	-260	S	--	M	ZG	0.00	4.00	3.69	4.00
0	-792	-804	S	--	M	ZG	0.00	6.00	1.19	6.00
0	-581	-580	S	--	M	ZG	0.00	4.00	0.20	4.00
0	-1447	-1458	S	--	M	ZG	0.00	6.00	1.19	6.00
0	-606	-607	S	--	M	ZG	0.00	4.00	0.85	4.00
0	-260	-261	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-1069	-1068	S	--	M	ZG	0.00	4.00	0.20	4.00
0	-582	-764	S	--	M	ZG	0.00	4.00	3.78	4.00
0	-778	-1093	S	--	M	ZG	0.00	4.00	3.79	4.00
0	-764	-765	S	--	M	ZG	0.00	4.00	1.61	4.00
0	-1837	-1836	S	--	M	ZG	0.00	4.00	0.54	4.00
0	-1429	-1838	S	--	M	ZG	0.00	4.00	3.54	4.00
0	-1430	-1429	S	--	M	ZG	0.00	4.00	1.61	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	-560	-538	S	--	M	XG	0.00	-3.99	1.86	-3.99
0	-569	-565	S	--	M	XG	0.00	-3.99	1.86	-3.99
0	-587	-569	S	--	M	XG	0.00	-3.99	0.86	-3.99
0	-602	-588	S	--	M	XG	0.00	-3.99	1.24	-3.99
0	-1062	-1058	S	--	M	XG	0.00	-3.85	1.86	-3.85
0	-623	-617	S	--	M	XG	0.00	-3.99	1.64	-3.99
0	-1076	-1074	S	--	M	XG	0.00	-3.85	0.25	-3.85
0	-1816	-1806	S	--	M	XG	0.00	-2.71	0.86	-2.71
0	-1117	-1113	S	--	M	XG	0.00	-3.85	1.64	-3.85
0	-1806	-1802	S	--	M	XG	0.00	-2.71	1.86	-2.71
0	-1113	-1105	S	--	M	XG	0.00	-3.85	1.64	-3.85
0	-1833	-1821	S	--	M	XG	0.00	-2.71	1.24	-2.71
0	-1821	-1816	S	--	M	XG	0.00	-2.71	0.25	-2.71
0	-1847	-1833	S	--	M	XG	0.00	-2.71	1.64	-2.71
0	-1048	-1057	S	--	M	XG	0.00	-2.31	3.17	-2.31
0	-566	-584	S	--	M	XG	0.00	-2.39	1.40	-2.39
0	-609	-611	S	--	M	XG	0.00	-2.39	0.32	-2.39
0	-618	-649	S	--	M	XG	0.00	-2.39	3.10	-2.39
0	-1057	-1059	S	--	M	XG	0.00	-2.31	1.12	-2.31
0	-1801	-1803	S	--	M	XG	0.00	-1.62	1.12	-1.62
0	-1098	-1106	S	--	M	XG	0.00	-2.31	1.28	-2.31
0	-1095	-1098	S	--	M	XG	0.00	-2.31	0.32	-2.31
0	-1820	-1823	S	--	M	XG	0.00	-1.62	0.69	-1.62
0	-1823	-1840	S	--	M	XG	0.00	-1.62	1.01	-1.62
0	-1843	-1848	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	-565	-560	S	--	M	XG	0.00	-3.99	1.86	-3.99
0	-1053	-1031	S	--	M	XG	0.00	-3.85	1.86	-3.85
0	-588	-587	S	--	M	XG	0.00	-3.99	0.25	-3.99
0	-1058	-1053	S	--	M	XG	0.00	-3.85	1.86	-3.85
0	-1798	-1776	S	--	M	XG	0.00	-2.71	1.86	-2.71
0	-1074	-1062	S	--	M	XG	0.00	-3.85	0.86	-3.85
0	-1089	-1076	S	--	M	XG	0.00	-3.85	1.24	-3.85
0	-617	-602	S	--	M	XG	0.00	-3.99	1.64	-3.99
0	-1802	-1798	S	--	M	XG	0.00	-2.71	1.86	-2.71
0	-1105	-1089	S	--	M	XG	0.00	-3.85	1.64	-3.85
0	-627	-623	S	--	M	XG	0.00	-3.99	1.64	-3.99
0	-1858	-1854	S	--	M	XG	0.00	-2.71	1.64	-2.71
0	-1854	-1847	S	--	M	XG	0.00	-2.71	1.64	-2.71
0	-555	-564	S	--	M	XG	0.00	-2.39	3.17	-2.39
0	-564	-566	S	--	M	XG	0.00	-2.39	1.12	-2.39
0	-590	-609	S	--	M	XG	0.00	-2.39	1.01	-2.39
0	-611	-618	S	--	M	XG	0.00	-2.39	1.28	-2.39
0	-1793	-1801	S	--	M	XG	0.00	-1.62	3.17	-1.62
0	-1059	-1072	S	--	M	XG	0.00	-2.31	1.40	-2.31
0	-1803	-1814	S	--	M	XG	0.00	-1.62	1.40	-1.62
0	-1814	-1820	S	--	M	XG	0.00	-1.62	0.76	-1.62
0	-1078	-1095	S	--	M	XG	0.00	-2.31	1.01	-2.31
0	-1106	-1139	S	--	M	XG	0.00	-2.31	3.10	-2.31
0	-1840	-1843	S	--	M	XG	0.00	-1.62	0.32	-1.62
0	-1848	-1880	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>
0	-538	-539	S	--	M	YG	0.00	-3.99	3.24	-3.99
0	-540	-541	S	--	M	YG	0.00	-3.99	0.61	-3.99
0	-541	-542	S	--	M	YG	0.00	-3.99	2.46	-3.99

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-539	-540	S	--	M	YG	0.00	-3.99	1.28	-3.99
0	-1031	-1032	S	--	M	YG	0.00	-3.85	3.24	-3.85
0	-542	-543	S	--	M	YG	0.00	-3.99	1.27	-3.99

0	-1032	-1033	S	--	M	YG	0.00	-3.85	1.28	-3.85
0	-1034	-1035	S	--	M	YG	0.00	-3.85	2.46	-3.85
0	-1776	-1777	S	--	M	YG	0.00	-2.71	3.24	-2.71
0	-544	-545	S	--	M	YG	0.00	-3.99	0.71	-3.99
0	-1777	-1778	S	--	M	YG	0.00	-2.71	1.28	-2.71
0	-546	-547	S	--	M	YG	0.00	-3.99	1.33	-3.99
0	-1778	-1779	S	--	M	YG	0.00	-2.71	0.61	-2.71
0	-2092	-1037	S	--	M	YG	0.00	-3.85	1.47	-3.85
0	-547	-548	S	--	M	YG	0.00	-3.99	0.28	-3.99
0	-1038	-1039	S	--	M	YG	0.00	-3.85	0.28	-3.85
0	-549	-2075	S	--	M	YG	0.00	-3.99	1.55	-3.99
0	-1039	-1040	S	--	M	YG	0.00	-3.85	1.33	-3.85
0	-1781	-2102	S	--	M	YG	0.00	-2.71	0.59	-2.71
0	-1782	-1783	S	--	M	YG	0.00	-2.71	0.71	-2.71
0	-1783	-1784	S	--	M	YG	0.00	-2.71	0.28	-2.71
0	-628	-627	S	--	M	YG	0.00	-2.39	3.18	-2.39
0	-1118	-1117	S	--	M	YG	0.00	-2.31	3.18	-2.31
0	-2102	-1782	S	--	M	YG	0.00	-2.71	1.47	-2.71
0	-1859	-1858	S	--	M	YG	0.00	-1.62	3.18	-1.62
0	-635	-634	S	--	M	YG	0.00	-2.39	0.77	-2.39
0	-632	-631	S	--	M	YG	0.00	-2.39	0.86	-2.39
0	-1120	-1119	S	--	M	YG	0.00	-2.31	0.71	-2.31
0	-2077	-1043	S	--	M	YG	0.00	-3.85	0.63	-3.85
0	-2132	-630	S	--	M	YG	0.00	-2.39	0.66	-2.39
0	-1119	-1118	S	--	M	YG	0.00	-2.31	1.24	-2.31
0	-1043	-1044	S	--	M	YG	0.00	-3.85	1.28	-3.85
0	-1861	-1860	S	--	M	YG	0.00	-1.62	0.71	-1.62
0	-1045	-1046	S	--	M	YG	0.00	-3.85	1.26	-3.85
0	-1121	-2134	S	--	M	YG	0.00	-2.31	0.24	-2.31
0	-638	-637	S	--	M	YG	0.00	-2.39	0.74	-2.39
0	-1122	-1121	S	--	M	YG	0.00	-2.31	0.86	-2.31
0	-1044	-1045	S	--	M	YG	0.00	-3.85	1.82	-3.85
0	-1124	-1123	S	--	M	YG	0.00	-2.31	0.27	-2.31
0	-640	-639	S	--	M	YG	0.00	-2.39	1.28	-2.39
0	-1787	-2087	S	--	M	YG	0.00	-2.71	1.55	-2.71
0	-2149	-1861	S	--	M	YG	0.00	-1.62	0.66	-1.62
0	-1125	-1124	S	--	M	YG	0.00	-2.31	0.77	-2.31
0	-552	-553	S	--	M	YG	0.00	-3.99	1.26	-3.99
0	-1046	-1047	S	--	M	YG	0.00	-3.85	1.30	-3.85
0	-639	-638	S	--	M	YG	0.00	-2.39	0.21	-2.39
0	-1047	-1048	S	--	M	YG	0.00	-3.85	3.14	-3.85
0	-642	-641	S	--	M	YG	0.00	-2.39	0.66	-2.39
0	-1128	-1127	S	--	M	YG	0.00	-2.31	0.74	-2.31
0	-1868	-1867	S	--	M	YG	0.00	-1.62	1.43	-1.62
0	-1792	-1793	S	--	M	YG	0.00	-2.71	3.14	-2.71
0	-1129	-1128	S	--	M	YG	0.00	-2.31	0.21	-2.31
0	-643	-642	S	--	M	YG	0.00	-2.39	1.55	-2.39
0	-1131	-1130	S	--	M	YG	0.00	-2.31	0.37	-2.31
0	-1871	-1870	S	--	M	YG	0.00	-1.62	1.28	-1.62
0	-1133	-1132	S	--	M	YG	0.00	-2.31	1.55	-2.31
0	-646	-645	S	--	M	YG	0.00	-2.39	0.82	-2.39
0	-1874	-1873	S	--	M	YG	0.00	-1.62	1.55	-1.62
0	-1872	-1871	S	--	M	YG	0.00	-1.62	0.37	-1.62
0	-649	-648	S	--	M	YG	0.00	-2.39	3.09	-2.39
0	-1875	-1874	S	--	M	YG	0.00	-1.62	1.25	-1.62
0	-1137	-1136	S	--	M	YG	0.00	-2.31	0.50	-2.31
0	-1876	-1875	S	--	M	YG	0.00	-1.62	2.48	-1.62
0	-1877	-1876	S	--	M	YG	0.00	-1.62	0.82	-1.62
0	-1879	-1878	S	--	M	YG	0.00	-1.62	1.29	-1.62

0	-1033	-1034	S	--	M	YG	0.00	-3.85	0.61	-3.85
0	-543	-2090	S	--	M	YG	0.00	-3.99	0.59	-3.99
0	-2090	-544	S	--	M	YG	0.00	-3.99	1.47	-3.99
0	-545	-546	S	--	M	YG	0.00	-3.99	0.28	-3.99
0	-1036	-2092	S	--	M	YG	0.00	-3.85	0.59	-3.85
0	-1035	-1036	S	--	M	YG	0.00	-3.85	1.27	-3.85
0	-1779	-1780	S	--	M	YG	0.00	-2.71	2.46	-2.71
0	-1780	-1781	S	--	M	YG	0.00	-2.71	1.27	-2.71
0	-1037	-1038	S	--	M	YG	0.00	-3.85	0.71	-3.85
0	-548	-549	S	--	M	YG	0.00	-3.99	0.68	-3.99
0	-2075	-550	S	--	M	YG	0.00	-3.99	0.63	-3.99
0	-629	-628	S	--	M	YG	0.00	-2.39	1.24	-2.39
0	-1041	-1042	S	--	M	YG	0.00	-3.85	0.68	-3.85
0	-1040	-1041	S	--	M	YG	0.00	-3.85	0.28	-3.85
0	-1784	-1785	S	--	M	YG	0.00	-2.71	1.33	-2.71
0	-633	-632	S	--	M	YG	0.00	-2.39	0.20	-2.39
0	-1042	-2077	S	--	M	YG	0.00	-3.85	1.55	-3.85
0	-1785	-1786	S	--	M	YG	0.00	-2.71	0.28	-2.71
0	-630	-629	S	--	M	YG	0.00	-2.39	0.71	-2.39
0	-550	-551	S	--	M	YG	0.00	-3.99	1.28	-3.99
0	-634	-633	S	--	M	YG	0.00	-2.39	0.27	-2.39
0	-1786	-1787	S	--	M	YG	0.00	-2.71	0.68	-2.71
0	-631	-2132	S	--	M	YG	0.00	-2.39	0.24	-2.39
0	-637	-636	S	--	M	YG	0.00	-2.39	1.43	-2.39
0	-551	-552	S	--	M	YG	0.00	-3.99	1.82	-3.99
0	-2087	-1788	S	--	M	YG	0.00	-2.71	0.63	-2.71
0	-553	-554	S	--	M	YG	0.00	-3.99	1.30	-3.99
0	-1789	-1790	S	--	M	YG	0.00	-2.71	1.82	-2.71
0	-1788	-1789	S	--	M	YG	0.00	-2.71	1.28	-2.71
0	-2134	-1120	S	--	M	YG	0.00	-2.31	0.66	-2.31
0	-1860	-1859	S	--	M	YG	0.00	-1.62	1.24	-1.62
0	-1123	-1122	S	--	M	YG	0.00	-2.31	0.20	-2.31
0	-1790	-1791	S	--	M	YG	0.00	-2.71	1.26	-2.71
0	-1862	-2149	S	--	M	YG	0.00	-1.62	0.24	-1.62
0	-641	-640	S	--	M	YG	0.00	-2.39	0.37	-2.39
0	-1864	-1863	S	--	M	YG	0.00	-1.62	0.20	-1.62
0	-1865	-1864	S	--	M	YG	0.00	-1.62	0.27	-1.62
0	-1866	-1865	S	--	M	YG	0.00	-1.62	0.77	-1.62
0	-1863	-1862	S	--	M	YG	0.00	-1.62	0.86	-1.62
0	-1867	-1866	S	--	M	YG	0.00	-1.62	1.37	-1.62
0	-1791	-1792	S	--	M	YG	0.00	-2.71	1.30	-2.71
0	-1127	-1126	S	--	M	YG	0.00	-2.31	1.43	-2.31
0	-1130	-1129	S	--	M	YG	0.00	-2.31	1.28	-2.31
0	-554	-555	S	--	M	YG	0.00	-3.99	3.14	-3.99
0	-1870	-1869	S	--	M	YG	0.00	-1.62	0.21	-1.62
0	-1869	-1868	S	--	M	YG	0.00	-1.62	0.74	-1.62
0	-644	-643	S	--	M	YG	0.00	-2.39	1.25	-2.39
0	-1132	-1131	S	--	M	YG	0.00	-2.31	0.66	-2.31
0	-1873	-1872	S	--	M	YG	0.00	-1.62	0.66	-1.62
0	-645	-644	S	--	M	YG	0.00	-2.39	2.48	-2.39
0	-1134	-1133	S	--	M	YG	0.00	-2.31	1.25	-2.31
0	-647	-646	S	--	M	YG	0.00	-2.39	0.50	-2.39
0	-648	-647	S	--	M	YG	0.00	-2.39	1.29	-2.39
0	-1135	-1134	S	--	M	YG	0.00	-2.31	2.48	-2.31
0	-1136	-1135	S	--	M	YG	0.00	-2.31	0.82	-2.31
0	-1138	-1137	S	--	M	YG	0.00	-2.31	1.29	-2.31
0	-1139	-1138	S	--	M	YG	0.00	-2.31	3.09	-2.31
0	-1878	-1877	S	--	M	YG	0.00	-1.62	0.50	-1.62
0	-1880	-1879	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>
0	-1798	-1776	S	300	QA	ZG	0.00	1.28	1.86	1.28
0	-1802	-1798	S	300	QA	ZG	0.00	1.28	1.86	1.28
0	-1806	-1802	S	300	QA	ZG	0.00	1.28	1.86	1.28
0	-1795	-1779	S	301	QA	ZG	0.00	1.45	1.00	1.45
0	-1797	-1795	S	301	QA	ZG	0.00	1.45	0.20	1.45
0	-2002	-1797	S	301	QA	ZG	0.00	1.45	0.88	1.45
0	-1895	-1904	S	400	QA2	ZG	0.00	1.27	0.91	1.27
0	-1809	-1804	S	301	QA	ZG	0.00	1.45	1.01	1.45
0	-1804	-2002	S	301	QA	ZG	0.00	1.45	2.49	1.45
0	-1858	-1904	S	402	QA2	ZG	6.73	1.27	6.73	0.00
0	-1833	-1821	S	302	QA	ZG	0.00	1.28	1.24	1.28
0	-1821	-1816	S	302	QA	ZG	0.00	1.28	0.25	1.28
0	-1782	-1796	S	301	QA	ZG	0.00	1.45	1.05	1.45

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-1816	-1806	S	302	QA	ZG	0.00	1.28	0.86	1.28
0	-1776	-1895	S	401	QA2	ZG	0.00	1.27	5.86	1.27
0	-1795	-1779	S	300	QA	ZG	0.00	1.28	1.00	1.28
0	-1797	-1795	S	300	QA	ZG	0.00	1.28	0.20	1.28
0	-2002	-1797	S	300	QA	ZG	0.00	1.28	0.88	1.28
0	-1780	-1781	S	404	QA2	ZG	0.00	0.00	1.27	0.00
0	-1809	-1804	S	300	QA	ZG	0.00	1.28	1.01	1.28
0	-1804	-2002	S	300	QA	ZG	0.00	1.28	2.49	1.28
0	-1858	-1904	S	402	QA2	ZG	0.00	1.27	5.88	1.27
0	-1858	-1904	S	402	QA2	ZG	5.88	1.27	6.73	1.27
0	-1858	-1854	S	302	QA	ZG	0.00	1.28	1.64	1.28
0	-1854	-1847	S	302	QA	ZG	0.00	1.28	1.64	1.28
0	-2150	-2151	S	--	M	ZG	0.00	0.75	3.18	0.75

0	-2150	-2151	S	--	M	ZG	0.00	0.75	3.18	0.75
0	-1859	-1858	S	402	QA2	ZG	0.00	0.00	3.18	0.00
0	-1815	-1809	S	308	QA	ZG	0.55	1.20	0.65	0.00
0	-1817	-1815	S	302	QA	ZG	0.00	1.28	0.21	1.28
0	-1898	-1779	S	401	QA2	ZG	0.00	1.27	5.86	1.27
0	-1898	-1779	S	404	QA2	ZG	0.00	1.43	5.86	1.43
0	-1824	-1825	S	311	QA	ZG	1.60	1.18	2.22	1.18
0	-1782	-1901	S	406	QA2	ZG	0.00	2.11	5.97	2.11
0	-1809	-1909	S	301	QA	ZG	0.00	0.09	1.60	0.07
0	-1809	-1909	S	308	QA	ZG	0.00	0.00	1.60	0.08
0	-1800	-2120	S	301	QA	ZG	0.00	1.45	2.00	1.45
0	-1824	-1817	S	308	QA	ZG	0.00	1.67	0.81	1.67
0	-1850	-1824	S	302	QA	ZG	0.00	1.28	2.94	1.28
0	-1968	-1825	S	308	QA	ZG	0.00	1.67	1.57	1.67
0	-2120	-1810	S	301	QA	ZG	0.00	1.45	1.44	1.45
0	-1861	-1899	S	402	QA2	ZG	0.00	1.27	5.88	1.27
0	-1861	-1899	S	402	QA2	ZG	0.00	0.51	0.00	1.33
0	-1861	-1899	S	402	QA2	ZG	0.00	0.00	0.00	0.18
0	-1825	-1835	S	303	QA	ZG	0.00	0.56	0.89	0.56
0	-1952	-1972	S	309	QA	ZG	0.00	1.25	1.57	1.25
0	-2176	-1855	S	303	QA	ZG	0.00	0.56	0.88	0.56
0	-1860	-1859	S	402	QA2	ZG	0.00	0.00	1.24	0.00
0	-2197	-1850	S	302	QA	ZG	0.00	1.28	1.33	1.28
0	-1900	-1865	S	403	QA2	ZG	0.00	0.55	5.88	0.55
0	-1900	-1865	S	405	QA2	ZG	5.88	0.53	5.88	0.19
0	-1900	-1865	S	405	QA2	ZG	0.08	0.88	5.87	0.88
0	-1825	-1972	S	312	QA	ZG	0.00	1.18	1.66	1.18
0	-1972	-1826	S	310	QA	ZG	0.00	0.06	1.91	0.00
0	-1901	-1907	S	404	QA2	ZG	0.00	1.43	0.80	1.43
0	-1901	-1907	S	404	QA2	ZG	0.80	0.57	0.80	0.00
0	-1861	-2197	S	303	QA	ZG	0.00	0.56	1.33	0.56
0	-1866	-1865	S	405	QA2	ZG	0.00	0.00	0.77	0.00
0	-1855	-1865	S	303	QA	ZG	0.00	0.56	1.33	0.56
0	-1818	-1826	S	310	QA	ZG	0.81	1.43	0.89	0.00
0	-1888	-1868	S	409	QA2	ZG	5.80	0.18	5.80	0.00
0	-1888	-1868	S	409	QA2	ZG	5.79	0.65	5.79	0.55
0	-1888	-1868	S	409	QA2	ZG	0.96	0.81	1.98	0.81
0	-1867	-1866	S	405	QA2	ZG	0.00	0.00	1.37	0.00
0	-1907	-1888	S	405	QA2	ZG	0.00	0.00	0.00	0.93
0	-1907	-1888	S	405	QA2	ZG	0.85	0.88	0.93	0.88
0	-1888	-1889	S	409	QA2	ZG	0.00	0.00	0.90	0.00
0	-1841	-1834	S	304	QA	ZG	0.00	0.81	0.18	0.81
0	-1834	-1828	S	304	QA	ZG	0.00	0.81	0.81	0.81
0	-1857	-1868	S	304	QA	ZG	0.00	0.81	1.19	0.81
0	-1873	-1881	S	408	QA2	ZG	0.00	1.31	3.81	1.31
0	-1873	-1881	S	408	QA2	ZG	3.81	1.30	3.81	1.30
0	-1871	-1870	S	409	QA2	ZG	0.00	0.00	1.28	0.00
0	-1872	-1871	S	409	QA2	ZG	0.00	0.00	0.37	0.00
0	-1884	-1890	S	409	QA2	ZG	0.96	0.61	0.96	0.00
0	-1884	-1890	S	409	QA2	ZG	0.00	0.81	0.96	0.81
0	-1884	-1890	S	408	QA2	ZG	0.96	0.93	0.96	0.90
0	-1884	-1890	S	408	QA2	ZG	0.11	1.30	0.96	1.30
0	-1790	-1902	S	406	QA2	ZG	0.00	2.11	5.97	2.11
0	-1814	-1903	S	411	QA2	ZG	0.00	1.39	5.35	0.00
0	-1814	-1903	S	412	QA2	ZG	0.00	0.60	4.47	0.60
0	-1814	-1903	S	412	QA2	ZG	0.00	0.19	0.00	0.36
0	-1902	-1908	S	406	QA2	ZG	0.00	2.11	0.80	2.11
0	-1885	-1883	S	408	QA2	ZG	0.00	1.30	0.11	1.30
0	-1885	-1883	S	408	QA2	ZG	0.11	1.31	0.19	1.31
0	-1814	-1820	S	412	QA2	ZG	0.00	0.00	0.76	0.00
0	-1892	-1893	S	408	QA2	ZG	0.00	0.00	0.12	0.00
0	-1908	-1894	S	415	QA2	ZG	0.00	0.00	0.93	0.19
0	-1894	-1885	S	415	QA2	ZG	0.00	0.19	0.85	0.37
0	-1820	-1823	S	412	QA2	ZG	0.00	0.00	0.69	0.00
0	-1840	-1887	S	413	QA2	ZG	0.00	1.15	4.47	0.00
0	-1882	-1876	S	408	QA2	ZG	0.00	1.31	3.81	1.31
0	-1882	-1876	S	408	QA2	ZG	3.81	0.64	3.81	0.00
0	-1882	-1876	S	408	QA2	ZG	3.81	1.37	3.81	0.97
402	-1904	-1905	S	402	QA2	ZG	0.00	0.00	5.13	0.00
402	-1906	-1907	S	405	QA2	ZG	0.00	0.00	3.57	0.00
406	-1905	-1898	S	400	QA2	ZG	0.00	1.27	0.91	1.27
406	-1905	-1898	S	404	QA2	ZG	0.00	1.43	0.80	1.43
409	-1881	-1884	S	409	QA2	ZG	0.00	0.81	1.02	0.81
410	-1883	-1882	S	408	QA2	ZG	0.00	1.31	0.94	1.31
410	-1883	-1882	S	408	QA2	ZG	0.94	1.30	0.94	1.30
412	-1793	-1903	S	411	QA2	ZG	0.00	0.95	7.81	0.00
412	-1903	-1908	S	412	QA2	ZG	0.00	0.26	1.04	0.00
415	-1887	-1908	S	415	QA2	ZG	1.11	0.15	2.32	0.00
415	-1887	-1908	S	415	QA2	ZG	0.00	0.08	0.00	0.30

0	-1847	-1833	S	302	QA	ZG	0.00	1.28	1.64	1.28
0	-1815	-1809	S	302	QA	ZG	0.00	1.28	0.65	1.28
0	-1815	-1809	S	308	QA	ZG	0.00	1.67	0.55	1.67
0	-1817	-1815	S	308	QA	ZG	0.00	1.67	0.21	1.67
0	-1898	-1779	S	404	QA2	ZG	5.86	0.93	5.86	0.61
0	-1824	-1825	S	311	QA	ZG	0.00	1.26	1.60	1.18
0	-1782	-1901	S	404	QA2	ZG	0.00	1.43	5.86	1.43
0	-1782	-1901	S	404	QA2	ZG	5.86	1.43	5.97	1.43
0	-1809	-1909	S	311	QA	ZG	0.00	1.26	1.60	1.18
0	-1796	-1800	S	301	QA	ZG	0.00	1.45	1.10	1.45
0	-1824	-1817	S	302	QA	ZG	0.00	1.28	0.81	1.28
0	-1909	-1968	S	311	QA	ZG	0.00	1.18	0.62	1.18
0	-1850	-1824	S	303	QA	ZG	0.00	0.56	2.94	0.56
0	-1968	-1825	S	309	QA	ZG	0.00	1.25	1.57	1.25
0	-2120	-1810	S	301	QA	ZG	1.44	1.45	1.54	1.05
0	-1861	-1899	S	403	QA2	ZG	0.00	0.55	5.88	0.55
0	-1861	-1899	S	402	QA2	ZG	0.00	0.18	0.00	0.51
0	-1835	-1846	S	303	QA	ZG	0.00	0.56	1.08	0.56
0	-1968	-1952	S	312	QA	ZG	0.00	1.18	1.66	1.18
0	-1952	-1972	S	310	QA	ZG	0.00	1.43	1.57	1.43
0	-1952	-1810	S	313	QA	ZG	0.00	1.18	1.91	1.24
0	-1851	-2176	S	303	QA	ZG	0.00	0.56	0.45	0.56
0	-2197	-1850	S	303	QA	ZG	0.00	0.56	1.33	0.56
0	-1900	-1865	S	405	QA2	ZG	5.88	0.19	5.88	0.00
0	-1900	-1865	S	405	QA2	ZG	5.87	0.88	5.88	0.53
0	-1900	-1865	S	405	QA2	ZG	0.00	0.88	0.08	0.88
0	-1810	-1818	S	310	QA	ZG	0.00	1.43	0.76	1.43
0	-1972	-1826	S	313	QA	ZG	0.00	1.18	1.91	1.24
0	-1901	-1907	S	406	QA2	ZG	0.00	2.11	0.80	2.11
0	-1861	-2197	S	302	QA	ZG	0.00	1.28	1.33	1.28
0	-1826	-1852	S	304	QA	ZG	0.00	0.81	3.31	0.81
0	-1846	-1851	S	303	QA	ZG	0.00	0.56	0.97	0.56
0	-1818	-1826	S	310	QA	ZG	0.00	1.43	0.81	1.43
0	-1888	-1868	S	405	QA2	ZG	0.00	0.88	5.80	0.88
0	-1888	-1868	S	409	QA2	ZG	5.79	0.55	5.80	0.24
0	-1888	-1868	S	409	QA2	ZG	1.98	0.81	5.79	0.81
0	-1888	-1868	S	409	QA2	ZG	0.00	0.81	0.96	0.81
0	-1868	-1867	S	405	QA2	ZG	0.00	0.00	1.43	0.00
0	-1907	-1888	S	410	QA2	ZG	0.00	2.11	0.93	2.11
0	-1907	-1888	S	405	QA2	ZG	0.00	1.77	0.85	1.77
0	-1852	-1857	S	304	QA	ZG	0.00	0.81	1.02	0.81
0	-1844	-1841	S	304	QA	ZG	0.00	0.81	0.97	0.81
0	-1889	-1890	S	409	QA2	ZG	0.00	0.00	2.36	0.00
0	-1869	-1868	S	409	QA2	ZG	0.00	0.00	0.74	0.00
0	-1873	-1881	S	409	QA2	ZG	0.00	0.81	3.81	0.81
0	-1873	-1844	S	304	QA	ZG	0.00	0.81	3.56	0.81
0	-1874	-1873	S	408	QA2	ZG	0.00	0.00	1.55	0.00
0	-1884	-1890	S	408	QA2	ZG	0.00	1.30	0.11	1.30
0	-1884	-1890	S	409	QA2	ZG	0.96	0.85	0.96	0.61
0	-1884	-1890	S	408	QA2	ZG	0.96	0.59	0.96	0.00
0	-1884	-1890	S	408	QA2	ZG	0.96	1.30	0.96	0.93
0	-1890	-1891	S	408	QA2	ZG	0.00	0.00	2.54	0.00
0	-1790	-1902	S	407	QA2	ZG	0.00	1.41	5.97	0.17
0	-1814	-1903	S	412	QA2	ZG	4.47	0.60	5.35	0.37
0	-1814	-1903	S	412	QA2	ZG	0.00	0.36	0.00	0.60
0	-1814	-1903	S	412	QA2	ZG	0.00	0.00	0.00	0.19
0	-1902	-1908	S	407	QA2	ZG	0.00	0.17	0.80	0.00
0	-1885	-1883	S	414	QA2	ZG	0.00	0.37	0.19	0.41
0	-1875	-1874	S	408	QA2	ZG	0.00	0.00	1.25	0.00
0	-1893	-1894	S	408	QA2	ZG	0.00	0.00	1.51	0.00
0	-1908	-1894	S	410	QA2	ZG	0.00	2.11	0.93	2.11
0	-1894	-1885	S	408	QA2	ZG	0.00	1.30	0.85	1.30
0	-1876	-1875	S	408	QA2	ZG	0.00	0.00	2.48	0.00
0	-1840	-1887	S	412	QA2	ZG	0.00	0.60	4.47	0.60
0	-1823	-1840	S	412	QA2	ZG	0.00	0.00	1.01	0.00
0	-1882	-1876	S	414	QA2	ZG	0.00	0.61	3.81	1.41
0	-1882	-1876	S	408	QA2	ZG	3.81	0.97	3.81	0.64
0	-1879	-1878	S	414	QA2	ZG	0.00	0.00	1.29	0.00
402	-1906	-1907	S	404	QA2	ZG	0.00	0.00	3.57	0.00
403	-1886	-1885	S	415	QA2	ZG	0.00	0.00	1.08	0.00
406	-1905	-1898	S	404	QA2	ZG	0.80	1.43	0.91	1.43
409	-1881	-1884	S	408	QA2	ZG	0.00	1.31	0.94	1.31
409	-1881	-1884	S	408	QA2	ZG	0.94	1.31	1.02	1.31
410	-1883	-1882	S	414	QA2	ZG	0.00	0.41	0.94	0.61
412	-1793	-1903	S	407	QA2	ZG	0.00	1.08	7.81	0.13
412	-1903	-1908	S	407	QA2	ZG	0.00	0.13	1.04	0.00
415	-1887	-1908	S	412	QA2	ZG	0.00	0.41	1.28	0.25
415	-1887	-1908	S	415	QA2	ZG	0.00	0.28	1.11	0.15
415	-1887	-1908	S	412	QA2	ZG	1.28	0.25	2.32	0.00

415	-1880	-1887	S	413	QA2	ZG	0.00	0.79	6.49	0.00
415	-1880	-1887	S	414	QA2	ZG	5.01	0.46	6.25	0.31
415	-1880	-1887	S	414	QA2	ZG	0.00	0.61	0.00	0.87
422	-1899	-1905	S	403	QA2	ZG	0.00	1.10	0.85	1.10

415	-1880	-1887	S	414	QA2	ZG	6.25	0.31	6.49	0.28
415	-1880	-1887	S	414	QA2	ZG	0.00	1.07	5.01	0.46
422	-1899	-1905	S	402	QA2	ZG	0.00	1.27	0.85	1.27

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	-392	-393	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>
7	M 24	0.24	Muratura in pietra Efess_LC2_tab	21.00	5.04
10	M 17	0.17	Muratura in pietra Efess_LC2_tab	21.00	3.57
25	M 15	0.15	Muratura in pietra Efess_LC2_tab	21.00	3.15
29	M 36	0.36	Muratura in pietra Efess_LC2_tab	21.00	7.56
36	M 12_tramezzo	0.12	Muratura in pietra Efess_LC2_tab	21.00	2.52
59	M 15_vano scale	0.15	Muratura in pietra Efess_LC2_tab	21.00	3.15
60	M 45 nc	0.45	Muratura in pietra Efess_LC2_tab	21.00	9.45
63	M 65 (pietra)	0.65	Muratura in pietra Efess_LC2_tab	21.00	13.65
64	M 60 (pietra)	0.60	Muratura in pietra Efess_LC2_tab	21.00	12.60
65	M 40 (pietra)	0.40	Muratura in pietra Efess_LC2_tab	21.00	8.40
66	M 32 (pietra)	0.32	Muratura in pietra Efess_LC2_tab	21.00	6.72
67	M 55 (pietra)	0.55	Muratura in pietra Efess_LC2_tab	21.00	11.55
68	M 45 (pietra)	0.45	Muratura in pietra Efess_LC2_tab	21.00	9.45
73	M 60 (diatoni+iniez+int. rete fibr.)	0.60	Muratura in pietra Efess_LC2_tab_diat+iniez+int. rete. fibr.	21.00	12.60
74	M 65 (diatoni+iniez+int. rete fibr.)	0.65	Muratura in pietra Efess_LC2_tab_diat+iniez+int. rete. fibr.	21.00	13.65
75	M 45 (diatoni+iniez+int rete fibr.)	0.45	Muratura in pietra Efess_LC2_tab_diat+iniez+int. rete. fibr.	21.00	9.45
76	M 60_nc	0.60	Muratura in pietra Efess_LC2_tab	21.00	12.60
77	M 30_sottofinestra (pietra)	0.30	Muratura in pietra Efess_LC2_tab	21.00	6.30
84	M 60 (iniez muro confine)	0.60	Muratura in pietra Efess_LC2_tab iniez muro confine	21.00	12.60
85	M 40 (diatoni+iniez+int. rete fibr.)	0.40	Muratura in pietra Efess_LC2_tab_diat+iniez+int. rete. fibr.	21.00	8.40
86	M 65 (iniez_muro confine)	0.65	Muratura in pietra Efess_LC2_tab_iniez_muro confine	21.00	13.65
87	M 50 (diatoni+iniez+int. rete fibr.)	0.50	Muratura in pietra Efess_LC2_tab_diat+iniez+int. rete. fibr.	21.00	10.50
88	M 55 (diatoni+iniez+int. rete fibr.)	0.55	Muratura in pietra Efess_LC2_tab_diat+iniez+int. rete. fibr.	21.00	11.55
90	M 12	0.12	Muratura in pietra Efess_LC2_tab	21.00	2.52
91	M 43 (pietra)	0.43	Muratura in pietra Efess_LC2_tab	21.00	9.03

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:
  Imp.1: controventatura solai
  Imp.2: controventatura solai
  Imp.3: controventatura solai
  Selezione solai controventati: 100 114 102 115 107 103 116 104 119 111 118 105 117 108 106 110 113 112 101 109 122 120 123 121 124 200 201 203 202 204 205 206 207 208 211 209 212 210 213 302 303 300 301 304 308 311 309 312 310 313 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 600
  Selezione solai controventati: 100 114 102 115 107 103 116 104 119 111 118 105 117 108 106 110 113 112 101 109 122 120 123 121 124 200 201 203 202 204 205 206 207 208 211 209 212 210 213 302 303 300 301 304 308 311 309 312 310 313

400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 600
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
- 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: Sì
- 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: 0.85
Coeff. λ SLV: 0.85
Rapporto di sovraresistenza (α_u/α_1): 1.50
Valore di riferimento del fattore di struttura (q_0): 3.00
Fattore di struttura (q): 3.00

- Fattore di struttura per sisma verticale (qv): 1.50
- Modalità di calcolo modi di vibrare: Autovalori

- Numero modi: 60
- 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%

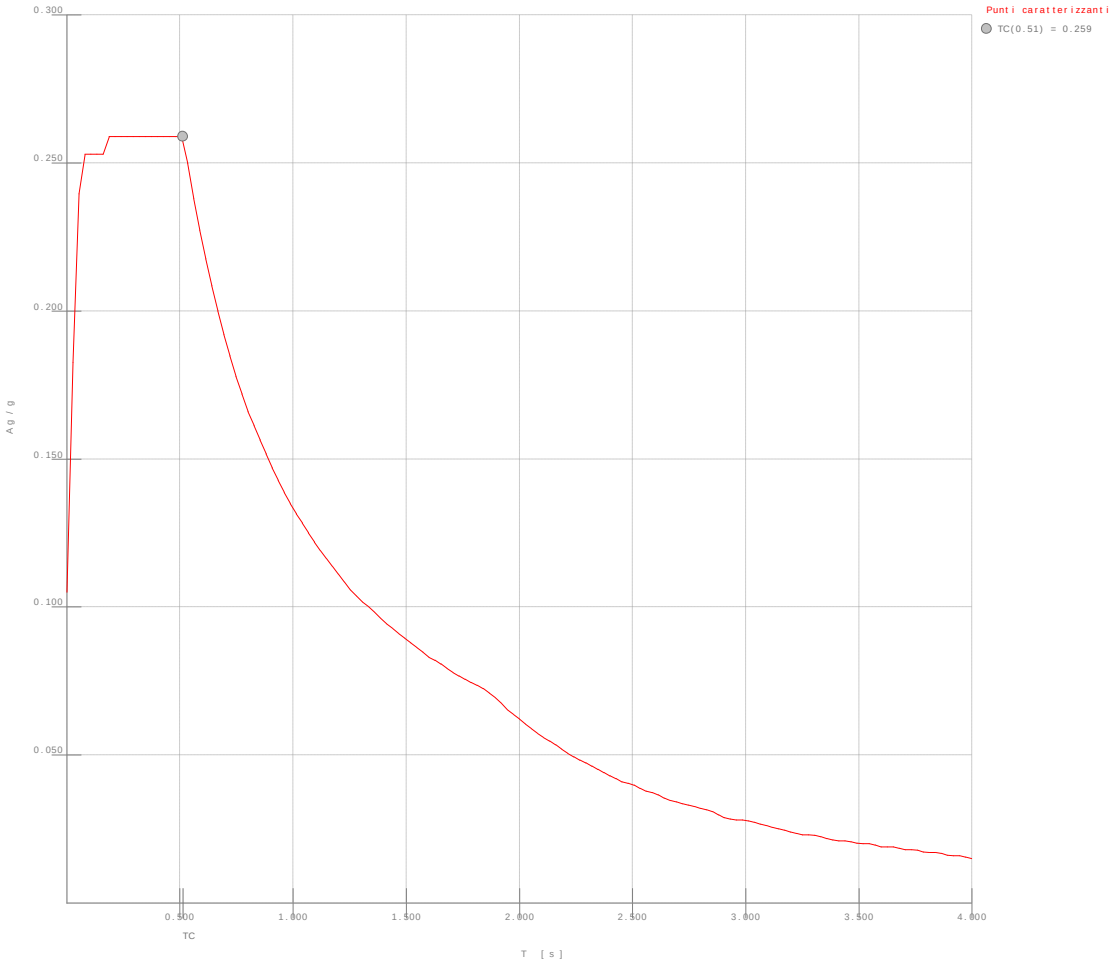


Figura numero 1: Spettro SLD

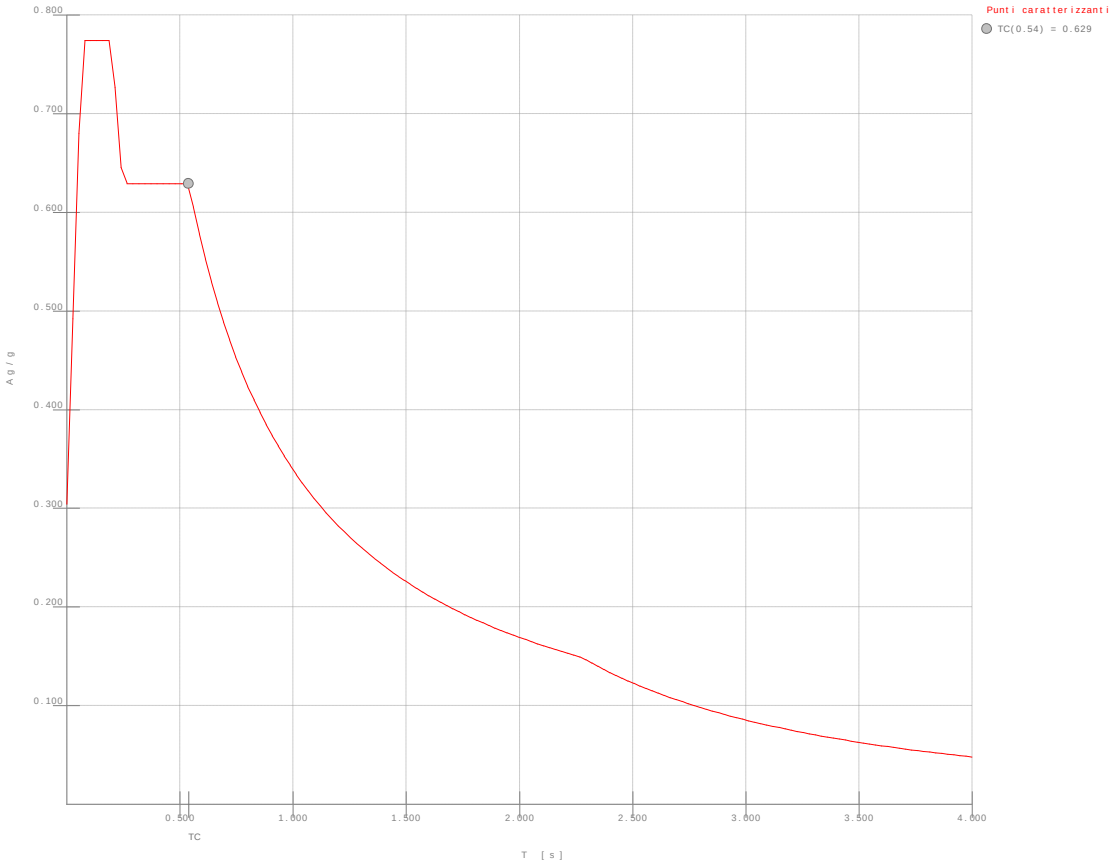


Figura numero 2: Spettro SLV

- 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	Perm.Non Strut.: scale_ascensore	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
γ 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	γ 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 Perm.Non Strut.: scale_ascensore
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>
-2203	112.11	-2202	140.84	-2201	160.44	-2200	96.04	-2199	120.64	-2198	137.43
-2197	1486.47	-2196	348.11	-2195	397.84	-2194	716.12	-2193	807.76	-2192	555.56
-2191	658.57	-2190	1019.83	-2189	1649.63	-2188	997.45	-2187	1036.76	-2186	1076.07
-2185	916.94	-2184	414.18	-2183	522.88	-2182	2382.37	-2181	1413.06	-2180	2658.18
-2179	1396.24	-2177	419.95	-2176	457.58	-2175	174.06	-2174	198.92	-2173	358.06
-2172	3575.36	-2171	277.78	-2170	292.70	-2169	453.26	-2168	4054.02	-2167	332.48
-2166	345.59	-2165	3537.28	-2164	305.64	-2163	207.09	-2162	261.44	-2161	419.16
-2160	628.02	-2159	448.52	-2158	465.41	-2156	1007.68	-2155	4646.24	-2154	668.45
-2153	1336.90	-2152	1336.90	-2151	5647.90	-2150	6316.35	-2149	39.74	-2148	162.26
-2147	376.51	-2146	258.95	-2145	185.44	-2144	333.79	-2143	297.66	-2142	460.95
-2141	745.61	-2140	289.79	-2139	366.30	-2138	320.25	-2137	246.94	-2136	193.05
-2135	243.72	-2134	407.72	-2133	638.68	-2132	472.47	-2131	467.85	-2129	86.72
-2128	73.89	-2127	440.64	-2125	1943.09	-2124	1535.49	-2123	878.10	-2122	997.45
-2121	1953.70	-2120	1798.54	-2119	522.17	-2118	596.77	-2117	1907.52	-2116	1832.92
-2115	1962.22	-2114	2199.51	-2113	784.32	-2112	3241.99	-2111	1281.63	-2110	5145.79
-2109	2472.32	-2107	2016.51	-2106	3882.64	-2105	2525.46	-2102	90.95	-2101	371.38
-2100	424.44	-2099	1356.69	-2098	681.31	-2097	1921.55	-2096	838.41	-2095	1642.18
-2094	1303.64	-2093	557.84	-2092	933.22	-2091	2301.90	-2090	2450.20	-2089	2078.10
-2087	104.52	-2086	426.79	-2085	487.75	-2084	1559.07	-2083	717.70	-2082	2024.18
-2081	883.18	-2080	1729.88	-2079	1498.10	-2078	1948.08	-2077	1027.77	-2076	2424.84
-2075	2481.25	-2074	2189.09	-2072	5101.95	-2071	4105.48	-2070	1117.36	-2069	899.27
-2068	2188.56	-2067	1761.39	-2066	2769.52	-2064	2228.96	-2062	74.56	-2061	63.87
-2060	1012.76	-2059	867.52	-2058	1027.01	-2057	706.36	-2056	255.18	-2055	175.51
-2054	423.75	-2053	362.98	-2052	803.66	-2051	938.21	-2050	905.07	-2049	775.27
-2047	304.45	-2045	1745.93	-2044	615.12	-2042	260.79	-2040	1495.54	-2039	526.90
-2038	1863.85	-2037	1932.09	-2036	966.16	-2035	758.26	-2034	410.44	-2033	470.66
-2032	425.47	-2031	487.89	-2030	216.96	-2029	248.79	-2028	190.66	-2027	218.64
-2026	631.45	-2025	654.56	-2024	333.78	-2023	293.32	-2022	719.15	-2020	745.48
-2018	380.14	-2016	334.06	-2014	1025.30	-2013	705.18	-2012	525.73	-2011	663.69
-2010	329.34	-2009	366.61	-2008	1587.20	-2007	226.51	-2006	252.15	-2005	1091.64
-2004	908.97	-2003	504.99	-2002	2322.06	-2001	441.86	-2000	672.59	-1999	391.91
-1998	505.34	-1997	2033.83	-1996	748.70	-1995	3162.05	-1994	17.22	-1993	2310.48
-1992	1515.64	-1991	2027.43	-1990	1320.90	-1989	354.35	-1988	295.20	-1987	307.94
-1986	213.16	-1985	330.04	-1984	36.99	-1983	86.63	-1982	143.57	-1981	392.13

-1980	70.31	-1979	415.55	-1978	388.56	-1977	172.09	-1976	818.09	-1975	1017.09
-1973	42.14	-1972	965.86	-1971	258.86	-1970	704.81	-1969	633.57	-1968	833.92
-1967	1049.36	-1966	1092.06	-1965	376.39	-1964	400.13	-1963	449.03	-1962	1662.05
-1961	591.85	-1960	1123.38	-1959	1259.23	-1957	733.74	-1956	1592.34	-1955	1258.31
-1954	2911.15	-1953	728.19	-1952	999.52	-1951	1643.07	-1950	1709.94	-1949	555.85
-1948	601.22	-1947	703.08	-1946	2221.15	-1945	888.16	-1944	1758.97	-1943	1971.68
-1942	1091.67	-1941	1970.25	-1940	1148.87	-1939	4166.98	-1938	2493.26	-1932	32.51
-1931	132.75	-1930	151.72	-1929	51.48	-1928	160.18	-1927	106.20	-1926	121.38
-1925	201.24	-1924	222.48	-1923	153.01	-1922	191.00	-1921	268.86	-1920	114.08
-1919	144.01	-1918	1069.26	-1917	122.10	-1916	285.35	-1912	378.49	-1911	333.18
-1910	291.53	-1909	369.88	-1908	1797.99	-1907	2152.34	-1906	66.76	-1905	1303.38
-1904	5030.17	-1903	4289.13	-1902	5996.19	-1901	6690.45	-1900	3015.28	-1899	4184.16
-1898	5534.51	-1897	1287.71	-1896	1471.05	-1895	4806.30	-1894	2077.32	-1893	615.91
-1892	460.97	-1891	1375.32	-1890	2687.64	-1889	1231.77	-1888	4807.21	-1887	3481.37
-1886	273.12	-1885	906.78	-1884	1243.13	-1883	635.82	-1882	2897.74	-1881	2853.71
-1880	2315.37	-1879	377.41	-1878	153.97	-1877	113.73	-1876	2537.17	-1875	347.90
-1874	260.60	-1873	2969.77	-1872	45.36	-1871	72.88	-1870	65.80	-1869	42.08
-1868	2581.85	-1867	112.60	-1866	85.78	-1865	2224.28	-1864	18.56	-1863	45.79
-1862	48.46	-1861	2994.15	-1860	86.11	-1859	195.25	-1858	2933.83	-1857	900.68
-1856	456.07	-1855	759.19	-1854	2084.96	-1853	324.07	-1852	1770.73	-1851	490.33
-1850	2389.27	-1849	335.94	-1848	193.82	-1847	2084.96	-1846	708.35	-1845	37.49
-1844	1299.04	-1843	70.86	-1842	80.73	-1841	315.76	-1840	1794.17	-1839	1335.83
-1838	2830.67	-1837	564.46	-1836	693.16	-1835	679.05	-1834	498.60	-1833	1830.31
-1832	1212.72	-1831	754.99	-1830	565.09	-1829	1686.01	-1828	2421.78	-1827	1263.13
-1826	2475.67	-1825	3901.72	-1824	2272.40	-1823	75.12	-1822	430.81	-1821	1225.26
-1820	64.05	-1819	671.31	-1818	993.10	-1817	403.14	-1816	934.17	-1815	337.06
-1814	2384.73	-1813	1527.56	-1812	1432.23	-1811	973.07	-1810	1520.73	-1809	1251.94
-1808	1219.31	-1807	1610.85	-1806	2024.39	-1805	1354.30	-1804	2411.63	-1803	239.38
-1802	2167.56	-1801	407.52	-1800	1575.11	-1799	1580.65	-1798	2167.56	-1797	745.88
-1796	1092.42	-1795	830.29	-1794	792.21	-1793	2846.00	-1792	213.85	-1791	123.30
-1790	4345.32	-1789	149.31	-1788	91.76	-1787	106.97	-1786	45.84	-1785	77.13
-1784	77.13	-1783	44.49	-1782	4965.41	-1781	82.36	-1780	164.70	-1779	4071.60
-1778	83.45	-1777	199.56	-1776	2751.49	-1775	1116.86	-1774	789.65	-1773	322.11
-1772	237.98	-1771	809.92	-1770	671.56	-1769	503.00	-1768	922.11	-1767	185.15
-1766	297.47	-1765	268.63	-1764	171.81	-1763	543.69	-1762	289.93	-1761	180.61
-1760	343.12	-1759	75.80	-1758	70.23	-1757	81.13	-1756	421.05	-1755	351.55
-1754	796.86	-1753	868.82	-1752	325.25	-1751	302.39	-1750	288.78	-1749	591.03
-1748	214.87	-1747	639.44	-1746	186.51	-1745	559.54	-1744	222.73	-1743	791.45
-1742	591.03	-1741	269.44	-1740	99.81	-1739	668.20	-1738	289.36	-1737	69.82
-1736	169.63	-1735	450.88	-1734	605.76	-1733	465.46	-1732	141.61	-1731	216.83
-1730	258.30	-1729	146.03	-1728	518.85	-1727	414.49	-1726	240.43	-1725	179.96
-1724	536.92	-1723	586.98	-1722	128.23	-1721	762.18	-1720	409.69	-1719	616.05
-1718	306.48	-1717	131.28	-1716	269.08	-1715	261.41	-1714	171.11	-1713	243.38
-1712	135.05	-1711	201.69	-1710	113.42	-1709	626.90	-1708	690.33	-1707	603.30
-1706	328.94	-1705	589.69	-1704	613.75	-1703	601.82	-1702	570.85	-1701	646.46
-1700	529.55	-1699	458.91	-1698	454.32	-1697	671.26	-1696	773.42	-1695	457.27
-1694	618.05	-1693	671.26	-1692	141.93	-1691	317.14	-1690	158.00	-1689	309.76
-1688	1189.06	-1687	873.23	-1686	503.49	-1685	760.64	-1684	609.69	-1683	374.67
-1682	436.81	-1681	187.17	-1680	314.94	-1679	314.94	-1678	181.68	-1677	547.36
-1676	336.23	-1675	672.46	-1674	684.02	-1673	340.74	-1672	814.89	-1671	919.75
-1670	1276.42	-1669	902.45	-1668	368.12	-1667	271.98	-1666	925.62	-1665	767.50
-1664	574.85	-1663	1053.84	-1662	211.60	-1661	339.96	-1660	307.00	-1659	196.36
-1658	621.36	-1657	268.50	-1656	49.45	-1655	481.19	-1654	401.77	-1653	910.70
-1652	992.94	-1651	371.71	-1650	345.58	-1649	675.47	-1648	245.56	-1647	730.78
-1646	639.47	-1645	254.55	-1644	904.51	-1643	675.47	-1642	114.07	-1641	708.18
-1640	330.69	-1639	79.79	-1638	138.38	-1637	515.29	-1636	692.29	-1635	531.96
-1634	161.84	-1633	247.81	-1632	166.89	-1631	592.97	-1630	473.70	-1629	274.78
-1628	205.66	-1627	613.63	-1626	670.83	-1625	132.82	-1624	765.13	-1623	656.09
-1622	350.27	-1621	150.03	-1620	307.51	-1619	298.76	-1618	195.55	-1617	183.78
-1616	154.34	-1615	230.51	-1614	129.62	-1613	716.46	-1612	788.95	-1611	689.49
-1610	375.93	-1609	630.47	-1608	701.42	-1607	687.80	-1606	652.40	-1605	738.81
-1604	605.20	-1603	524.47	-1602	519.22	-1601	767.15	-1600	883.91	-1599	522.59
-1598	706.34	-1597	767.15	-1596	162.21	-1595	362.44	-1594	180.57	-1593	354.01
-1592	1358.93	-1591	997.98	-1590	575.41	-1589	869.30	-1588	696.79	-1587	428.19
-1586	499.21	-1585	213.90	-1584	359.93	-1583	359.93	-1582	207.63	-1581	625.56
-1580	384.26	-1579	768.53	-1578	781.73	-1577	389.41	-1576	931.30	-1575	1051.15
-1574	2297.55	-1573	1236.17	-1572	274.38	-1571	489.55	-1570	1666.11	-1569	1006.79
-1568	660.03	-1567	1896.91	-1566	380.88	-1565	226.70	-1564	167.36	-1563	353.44
-1562	1118.45	-1561	858.15	-1560	633.27	-1559	705.84	-1558	155.94	-1557	324.67
-1556	347.09	-1555	866.15	-1554	350.00	-1553	1266.05	-1552	1787.29	-1551	669.09
-1550	622.05	-1549	594.07	-1548	1215.84	-1547	442.01	-1546	1315.41	-1545	383.68
-1544	1151.05	-1543	458.19	-1542	1628.13	-1541	1215.84	-1540	554.28	-1539	38.70
-1538	1080.25	-1537	595.25	-1536	71.40	-1535	54.62	-1534	927.52	-1533	1246.13
-1532	839.33	-1531	54.91	-1530	327.86	-1529	531.36	-1528	300.41	-1527	694.52
-1526	852.66	-1525	494.60	-1524	370.20	-1523	1104.53	-1522	1207.49	-1521	190.97
-1520	1005.90	-1519	238.71	-1518	834.43	-1517	422.81	-1516	224.10	-1515	253.72
-1514	101.36	-1513	218.69	-1512	52.37	-1511	736.80	-1510	186.25	-1509	1060.89
-1508	1420.10	-1507	989.90	-1506	338.17	-1505	1744.66	-1504	601.33	-1503	1591.62
-1502	2085.34	-1501	2361.55	-1500	1089.35	-1499	944.04	-1498	934.60	-1497	2452.16

-1496	1591.04	-1495	1670.43	-1494	1271.41	-1493	2452.16	-1492	291.98	-1491	1158.52
-1490	325.02	-1489	637.22	-1488	2446.06	-1487	1369.54	-1486	608.92	-1485	1564.74
-1484	833.96	-1483	546.66	-1482	1595.70	-1481	683.73	-1480	299.15	-1479	299.15
-1478	663.69	-1477	1999.55	-1476	477.70	-1475	999.62	-1474	1407.12	-1473	315.71
-1472	2223.32	-1471	3359.91	-1470	3646.90	-1469	1819.04	-1468	207.77	-1467	552.21
-1466	1879.34	-1465	1037.46	-1464	646.33	-1463	2139.67	-1462	429.62	-1461	154.78
-1460	87.85	-1459	398.68	-1458	2052.79	-1457	1066.18	-1456	812.52	-1455	1682.52
-1454	175.89	-1453	433.83	-1452	459.12	-1451	977.00	-1450	297.01	-1449	1872.02
-1448	2836.97	-1447	2226.96	-1446	701.66	-1445	2140.67	-1444	1929.91	-1443	498.58
-1442	4715.12	-1441	432.79	-1440	1298.36	-1439	516.83	-1438	2584.33	-1437	1929.91
-1436	625.22	-1434	1218.49	-1433	944.84	-1432	61.61	-1431	61.61	-1430	2194.37
-1429	4290.07	-1428	1288.68	-1427	338.85	-1426	599.36	-1425	338.85	-1424	964.95
-1423	961.78	-1422	557.90	-1421	417.57	-1420	1245.88	-1419	1362.02	-1418	215.40
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-1411	197.76	-1410	2738.93	-1409	4595.00	-1408	1478.67	-1407	292.76	-1406	505.04
-1405	1228.76	-1404	1064.85	-1403	1483.49	-1402	1434.13	-1401	718.77	-1400	575.02
-1399	1764.99	-1398	830.58	-1397	142.90	-1396	379.79	-1395	1292.56	-1394	713.54
-1393	444.53	-1392	1471.61	-1391	295.49	-1390	106.46	-1389	60.42	-1388	274.20
-1387	867.69	-1386	733.29	-1385	558.83	-1384	547.58	-1383	120.97	-1382	152.30
-1381	169.70	-1380	671.96	-1379	204.28	-1378	519.07	-1377	482.58	-1376	460.88
-1375	342.91	-1374	1020.49	-1373	297.66	-1372	892.98	-1371	355.46	-1370	430.01
-1368	838.05	-1367	42.37	-1366	42.37	-1365	233.05	-1364	412.22	-1363	233.05
-1362	661.49	-1361	383.71	-1360	287.20	-1359	856.88	-1358	936.77	-1357	148.15
-1356	780.38	-1355	185.19	-1354	615.20	-1353	165.57	-1352	145.64	-1351	136.01
-1350	201.35	-1349	347.36	-1348	845.11	-1347	732.38	-1346	986.36	-1345	494.36
-1344	395.49	-1343	1213.92	-1342	571.25	-1341	2055.94	-1340	1025.48	-1339	106.54
-1338	283.14	-1337	963.63	-1336	531.96	-1335	331.41	-1334	1097.12	-1333	220.29
-1332	79.37	-1331	45.05	-1330	204.42	-1329	646.88	-1328	546.69	-1327	416.62
-1326	408.24	-1325	90.19	-1324	38.51	-1323	51.48	-1322	500.96	-1321	152.29
-1320	1055.35	-1319	1599.34	-1318	386.98	-1317	359.78	-1316	343.59	-1315	1087.98
-1314	255.65	-1313	760.80	-1312	221.91	-1311	665.74	-1310	265.01	-1309	1456.92
-1308	1087.98	-1307	320.58	-1305	624.79	-1304	532.65	-1303	31.59	-1302	31.59
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-1295	543.99	-1294	493.16	-1293	286.07	-1292	214.11	-1291	638.83	-1290	698.38
-1289	110.45	-1288	581.79	-1287	138.06	-1286	458.64	-1285	816.40	-1284	123.44
-1283	160.58	-1282	108.58	-1281	707.99	-1280	101.40	-1279	1383.00	-1278	1270.77
-1277	833.60	-1276	150.11	-1275	1676.44	-1274	258.96	-1273	1460.13	-1272	2003.79
-1271	2269.20	-1270	630.05	-1269	546.01	-1268	836.32	-1267	2356.26	-1266	1423.73
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-1217	488.54	-1216	454.20	-1215	433.76	-1214	887.76	-1213	322.74	-1212	960.46
-1211	280.15	-1210	840.45	-1209	334.56	-1208	1188.79	-1207	887.76	-1206	404.72
-1204	788.75	-1203	434.63	-1202	39.88	-1201	39.88	-1200	677.23	-1199	909.87
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-1150	854.33	-1149	1437.56	-1148	1437.56	-1147	864.77	-1146	1248.00	-1145	348.09
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-1018	1013.78	-1017	474.10	-1016	253.51	-1015	633.85	-1014	152.96	-1013	348.92
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-687	542.88	-686	345.95	-685	1910.69	-684	1788.27	-683	3044.33	-682	1671.19
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-488	270.50	-487	336.56	-486	493.40	-485	278.95	-484	1081.20	-483	791.76
-482	459.28	-481	343.75	-480	1025.63	-479	1716.07	-478	1854.12	-477	446.05
-476	104.68	-475	87.65	-474	963.81	-473	1898.31	-472	304.69	-471	560.72
-470	420.30	-469	351.41	-468	206.07	-467	1318.67	-466	1096.07	-465	287.40
-464	327.79	-463	819.00	-462	994.32	-461	500.92	-460	1253.34	-459	1620.34
-458	174.69	-457	574.80	-456	250.82	-455	604.43	-454	756.53	-453	1320.23
-452	1011.54	-451	986.18	-450	1398.81	-449	835.85	-448	1180.60	-447	949.55
-446	1398.81	-445	305.01	-444	568.17	-443	339.53	-442	591.71	-441	2568.14
-440	1807.06	-439	1041.91	-438	1549.40	-437	1261.68	-436	775.33	-435	1536.66
-434	340.17	-433	377.86	-432	377.86	-431	352.80	-430	1181.89	-429	759.04
-428	1518.10	-427	1529.91	-426	769.22	-425	1839.62	-424	2018.07	-423	2056.50
-422	751.86	-421	1086.59	-420	665.20	-419	468.45	-418	487.19	-417	1388.13
-416	1180.49	-415	2007.82	-414	2902.05	-413	1670.39	-412	455.54	-411	617.88
-410	2011.76	-409	1370.37	-408	934.01	-407	2177.96	-406	306.62	-405	314.32
-404	1267.79	-403	715.66	-402	262.97	-401	236.00	-400	406.54	-399	781.95
-398	195.65	-397	230.21	-396	187.71	-395	1097.94	-394	512.43	-393	9671.32
-392	10665.40	-391	645.78	-390	662.37	-389	573.38	-388	2412.38	-387	155.74
-386	1269.60	-385	370.32	-384	1666.43	-383	2412.38	-382	381.17	-381	534.98
-380	1463.68	-379	371.57	-378	274.64	-377	152.94	-376	1327.47	-375	953.96
-374	113.67	-373	344.08	-372	512.85	-371	319.88	-370	2117.73	-369	598.83
-368	193.00	-367	369.63	-366	1176.12	-365	1082.41	-364	970.87	-363	280.98
-362	55.54	-361	32.09	-360	912.65	-359	1798.23	-358	158.32	-357	1098.27
-356	823.24	-355	358.73	-354	45.24	-353	1512.79	-352	1089.03	-351	120.78
-350	334.94	-349	939.16	-348	936.42	-347	549.59	-346	1243.85	-345	1904.02
-344	342.17	-343	1125.85	-342	209.71	-341	579.49	-340	2585.92	-339	1159.96
-338	1931.62	-337	2739.84	-335	1353.82	-334	1859.88	-333	2739.84	-332	597.42
-331	1011.19	-330	665.03	-329	678.53	-328	2946.79	-327	1687.81	-326	810.40
-325	1776.73	-324	1068.33	-323	717.16	-322	3009.83	-321	538.88	-320	563.61
-319	2314.95	-318	688.39	-317	2175.14	-316	2996.62	-315	705.19	-314	2801.77
-313	3952.77	-312	326.24	-311	2107.07	-310	819.75	-309	458.18	-308	411.19
-307	479.91	-306	1697.95	-305	203.07	-303	1139.57	-302	311.74	-301	2142.51
-300	2065.70	-299	384.36	-298	1729.62	-297	430.36	-296	407.39	-295	33.30
-294	947.26	-293	1866.41	-292	3878.98	-291	1934.79	-290	310.99	-289	826.52
-288	2698.37	-287	1552.84	-286	967.40	-285	2921.99	-284	411.37	-283	888.65
-282	2748.78	-281	1963.69	-280	498.51	-279	368.46	-278	1004.97	-277	205.18
-276	2175.26	-275	4128.19	-274	1159.82	-272	429.15	-271	429.15	-270	563.53
-269	476.83	-268	1577.89	-267	1452.18	-266	889.13	-265	212.41	-264	626.15
-263	651.19	-262	60.69	-261	2578.41	-260	4406.57	-259	1330.80	-257	417.59
-256	1260.00	-255	1098.17	-254	1556.22	-253	1577.89	-252	2686.17	-251	1816.31
-250	910.32	-249	3950.99	-248	1966.10	-247	788.95	-246	2383.69	-245	1139.58
-244	206.63	-243	505.73	-242	372.80	-241	73.69	-240	277.99	-239	1121.26
-238	698.52	-237	276.30	-236	236.27	-235	408.94	-234	691.57	-233	173.04
-231	971.04	-230	265.64	-229	571.14	-228	507.11	-227	1122.86	-226	327.52
-225	1473.83	-224	223.33	-223	203.76	-222	858.66	-221	28.38	-220	807.17
-219	1590.39	-218	155.74	-217	381.17	-216	280.98	-215	55.54	-214	4417.73
-213	2203.51	-212	354.18	-211	941.32	-210	3073.15	-209	2244.90	-208	1578.16
-207	3327.82	-206	468.51	-205	423.31	-204	1707.37	-203	1063.65	-202	480.38
-201	419.43	-200	622.70	-199	1053.08	-198	263.49	-196	1478.63	-195	878.97
-194	3682.44	-193	4734.34	-192	869.69	-191	1012.07	-190	772.18	-189	3052.76
-188	1709.81	-187	498.72	-186	2244.24	-185	3130.56	-184	3052.76	-183	340.08
-182	2236.43	-181	567.75	-180	419.64	-179	1144.55	-178	233.68	-177	1654.97
-175	488.76	-174	310.28	-173	488.76	-172	2679.90	-171	641.80	-170	543.06
-169	1797.05	-168	1653.88	-167	1307.50	-166	43.21	-165	1229.10	-164	2421.74
-163	1012.62	-162	241.91	-161	713.11	-160	1389.81	-159	1041.77	-158	453.96
-157	741.64	-156	69.12	-155	2114.10	-153	475.58	-152	1435.00	-151	1250.69
-150	546.31	-149	1574.03	-148	2409.45	-147	433.00	-146	1424.72	-145	265.38
-144	733.31	-143	3272.36	-142	1772.36	-141	2444.38	-140	1797.04	-139	3467.14
-138	3059.25	-136	2068.57	-135	2353.59	-134	3467.14	-133	756.01	-132	1279.61
-131	841.57	-130	1036.75	-129	4499.73	-128	2736.61	-127	1395.97	-126	2714.76
-125	1787.64	-124	1120.29	-123	3808.80	-122	681.93	-121	713.23	-120	2929.46
-119	1083.05	-118	2964.47	-117	3792.09	-116	1105.14	-115	3758.27	-114	5002.06
-113	126.27	-112	309.06	-111	227.82	-110	45.03				

Totali masse nodi

Mo <kg>
2421550.00

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>
-2203	1.10	0.01	0.01	-2202	1.38	0.01	0.01	-2201	1.57	0.02	0.02	-2200	0.94	0.01	0.01
-2199	1.18	0.01	0.01	-2198	1.35	0.01	0.01	-2197	17.02	0.17	0.17	-2196	3.41	0.03	0.03
-2195	3.90	0.04	0.04	-2194	7.03	0.07	0.07	-2193	7.92	0.08	0.08	-2192	5.45	0.05	0.05
-2191	6.46	0.06	0.06	-2190	10.00	0.10	0.10	-2189	16.18	0.16	0.16	-2188	9.79	0.10	0.10
-2187	10.17	0.10	0.10	-2186	10.56	0.11	0.11	-2185	9.00	0.09	0.09	-2184	4.06	0.04	0.04
-2183	5.13	0.05	0.05	-2182	28.98	0.29	0.29	-2181	13.86	0.14	0.14	-2180	30.57	0.31	0.31
-2179	13.70	0.14	0.14	-2177	4.12	0.04	0.04	-2176	4.86	0.05	0.05	-2175	1.71	0.02	0.02
-2174	1.95	0.02	0.02	-2173	3.51	0.04	0.04	-2172	40.77	0.41	0.41	-2171	2.73	0.03	0.03
-2170	2.87	0.03	0.03	-2169	4.45	0.04	0.04	-2168	45.74	0.46	0.46	-2167	3.26	0.03	0.03
-2166	3.39	0.03	0.03	-2165	40.41	0.40	0.40	-2164	3.00	0.03	0.03	-2163	2.03	0.02	0.02
-2162	2.56	0.03	0.03	-2161	4.11	0.04	0.04	-2160	6.16	0.06	0.06	-2159	4.40	0.04	0.04
-2158	4.57	0.05	0.05	-2156	9.89	0.10	0.10	-2155	51.56	0.52	0.52	-2154	6.56	0.07	0.07
-2153	13.12	0.13	0.13	-2152	13.12	0.13	0.13	-2151	30.66	0.31	0.31	-2150	37.22	0.37	0.37
-2149	0.39	0.00	0.00	-2148	1.59	0.02	0.02	-2147	3.69	0.04	0.04	-2146	2.54	0.03	0.03
-2145	1.82	0.02	0.02	-2144	3.27	0.03	0.03	-2143	2.92	0.03	0.03	-2142	4.52	0.05	0.05
-2141	7.31	0.07	0.07	-2140	2.84	0.03	0.03	-2139	3.59	0.04	0.04	-2138	3.14	0.03	0.03
-2137	2.42	0.02	0.02	-2136	1.89	0.02	0.02	-2135	2.39	0.02	0.02	-2134	4.00	0.04	0.04
-2133	6.27	0.06	0.06	-2132	4.63	0.05	0.05	-2131	4.59	0.05	0.05	-2129	0.85	0.01	0.01
-2128	0.72	0.01	0.01	-2127	4.32	0.04	0.04	-2125	19.06	0.19	0.19	-2124	15.06	0.15	0.15
-2123	8.61	0.09	0.09	-2122	9.79	0.10	0.10	-2121	19.17	0.19	0.19	-2120	20.21	0.20	0.20
-2119	5.12	0.05	0.05	-2118	5.85	0.06	0.06	-2117	18.71	0.19	0.19	-2116	17.98	0.18	0.18
-2115	19.25	0.19	0.19	-2114	21.58	0.22	0.22	-2113	7.69	0.08	0.08	-2112	42.56	0.43	0.43
-2111	12.57	0.13	0.13	-2110	61.83	0.62	0.62	-2109	24.25	0.24	0.24	-2107	19.78	0.20	0.20
-2106	38.09	0.38	0.38	-2105	24.77	0.25	0.25	-2102	0.89	0.01	0.01	-2101	3.64	0.04	0.04
-2100	4.16	0.04	0.04	-2099	13.31	0.13	0.13	-2098	6.68	0.07	0.07	-2097	18.85	0.19	0.19
-2096	8.22	0.08	0.08	-2095	16.11	0.16	0.16	-2094	12.79	0.13	0.13	-2093	5.47	0.05	0.05
-2092	9.15	0.09	0.09	-2091	22.58	0.23	0.23	-2090	28.28	0.28	0.28	-2089	20.39	0.20	0.20
-2087	1.03	0.01	0.01	-2086	4.19	0.04	0.04	-2085	4.78	0.05	0.05	-2084	15.29	0.15	0.15
-2083	7.04	0.07	0.07	-2082	19.86	0.20	0.20	-2081	8.66	0.09	0.09	-2080	16.97	0.17	0.17
-2079	14.70	0.15	0.15	-2078	27.47	0.27	0.27	-2077	10.08	0.10	0.10	-2076	23.79	0.24	0.24
-2075	28.52	0.29	0.29	-2074	21.48	0.21	0.21	-2072	63.35	0.63	0.63	-2071	50.98	0.51	0.51
-2070	10.96	0.11	0.11	-2069	8.82	0.09	0.09	-2068	21.47	0.21	0.21	-2067	17.28	0.17	0.17
-2066	27.17	0.27	0.27	-2064	21.87	0.22	0.22	-2062	0.73	0.01	0.01	-2061	0.63	0.01	0.01
-2060	9.94	0.10	0.10	-2059	8.51	0.09	0.09	-2058	10.07	0.10	0.10	-2057	6.93	0.07	0.07
-2056	2.50	0.03	0.03	-2055	1.72	0.02	0.02	-2054	4.16	0.04	0.04	-2053	3.56	0.04	0.04
-2052	7.88	0.08	0.08	-2051	9.20	0.09	0.09	-2050	8.88	0.09	0.09	-2049	7.61	0.08	0.08
-2047	2.99	0.03	0.03	-2045	17.13	0.17	0.17	-2044	6.03	0.06	0.06	-2042	2.56	0.03	0.03
-2040	14.67	0.15	0.15	-2039	5.17	0.05	0.05	-2038	22.20	0.22	0.22	-2037	23.01	0.23	0.23
-2036	11.55	0.12	0.12	-2035	9.26	0.09	0.09	-2034	4.03	0.04	0.04	-2033	4.62	0.05	0.05
-2032	4.17	0.04	0.04	-2031	4.79	0.05	0.05	-2030	2.13	0.02	0.02	-2029	2.44	0.02	0.02
-2028	1.87	0.02	0.02	-2027	2.14	0.02	0.02	-2026	6.19	0.06	0.06	-2025	6.42	0.06	0.06
-2024	3.27	0.03	0.03	-2023	2.88	0.03	0.03	-2022	7.05	0.07	0.07	-2020	7.31	0.07	0.07
-2018	3.73	0.04	0.04	-2016	3.28	0.03	0.03	-2014	10.06	0.10	0.10	-2013	6.92	0.07	0.07
-2012	5.16	0.05	0.05	-2011	6.51	0.07	0.07	-2010	3.23	0.03	0.03	-2009	3.60	0.04	0.04
-2008	15.57	0.16	0.16	-2007	2.22	0.02	0.02	-2006	2.47	0.02	0.02	-2005	10.71	0.11	0.11
-2004	8.92	0.09	0.09	-2003	4.95	0.05	0.05	-2002	27.38	0.27	0.27	-2001	4.33	0.04	0.04
-2000	6.60	0.07	0.07	-1999	3.84	0.04	0.04	-1998	4.96	0.05	0.05	-1997	19.95	0.20	0.20
-1996	7.34	0.07	0.07	-1995	31.02	0.31	0.31	-1994	0.17	0.00	0.00	-1993	22.67	0.23	0.23
-1992	14.87	0.15	0.15	-1991	19.89	0.20	0.20	-1990	12.96	0.13	0.13	-1989	3.48	0.03	0.03
-1988	2.90	0.03	0.03	-1987	3.02	0.03	0.03	-1986	2.09	0.02	0.02	-1985	3.24	0.03	0.03
-1984	0.36	0.00	0.00	-1983	0.85	0.01	0.01	-1982	1.41	0.01	0.01	-1981	3.85	0.04	0.04
-1980	0.69	0.01	0.01	-1979	4.08	0.04	0.04	-1978	3.81	0.04	0.04	-1977	1.69	0.02	0.02
-1976	8.03	0.08	0.08	-1975	9.98	0.10	0.10	-1973	0.41	0.00	0.00	-1972	13.75	0.14	0.14
-1971	2.54	0.03	0.03	-1970	6.91	0.07	0.07	-1969	6.22	0.06	0.06	-1968	11.82	0.12	0.12
-1967	10.29	0.10	0.10	-1966	10.71	0.11	0.11	-1965	3.69	0.04	0.04	-1964	3.93	0.04	0.04
-1963	4.40	0.04	0.04	-1962	18.85	0.19	0.19	-1961	5.81	0.06	0.06	-1960	11.02	0.11	0.11
-1959	12.35	0.12	0.12	-1957	7.20	0.07	0.07	-1956	15.62	0.16	0.16	-1955	12.34	0.12	0.12
-1954	34.57	0.35	0.35	-1953	7.14	0.07	0.07	-1952	14.04	0.14	0.14	-1951	16.12	0.16	0.16
-1950	16.77	0.17	0.17	-1949	5.45	0.05	0.05	-1948	5.90	0.06	0.06	-1947	6.90	0.07	0.07
-1946	24.75	0.25	0.25	-1945	8.71	0.09	0.09	-1944	17.26	0.17	0.17	-1943	19.34	0.19	0.19
-1942	10.71	0.11	0.11	-1941	19.33	0.19	0.19	-1940	11.27	0.11	0.11	-1939	49.27	0.49	0.49
-1938	24.46	0.24	0.24	-1932	0.32	0.00	0.00	-1931	1.30	0.01	0.01	-1930	1.49	0.01	0.01
-1929	0.50	0.01	0.01	-1928	1.57	0.02	0.02	-1927	1.04	0.01	0.01	-1926	1.19	0.01	0.01
-1925	1.97	0.02	0.02	-1924	2.18	0.02	0.02	-1923	1.50	0.02	0.02	-1922	1.87	0.02	0.02
-1921	2.64	0.03	0.03	-1920	1.12	0.01	0.01	-1919	1.41	0.01	0.01	-1918	14.92	0.15	0.15
-1917	1.20	0.01	0.01	-1916	2.80	0.03	0.03	-1912	3.71	0.04	0.04	-1911	3.27	0.03	0.03
-1910	2.86	0.03	0.03	-1909	5.06	0.05	0.05	-1908	23.94	0.24	0.24	-1907	30.11	0.30	0.30
-1906	0.66	0.01	0.01	-1905	19.04	0.19	0.19	-1904	62.87	0.63	0.63	-1903	58.43	0.58	0.58
-1902	83.73	0.84	0.84	-1901	99.12	0.99	0.99	-1900	41.32	0.41	0.41	-1899	58.78	0.59	0.59
-1898	79.83	0.80	0.80	-1897	12.63	0.13	0.13	-1896	14.43	0.14	0.14	-1895	59.14	0.59	0.59
-1894	25.14	0.25	0.25	-1893	6.04	0.06	0.06	-1892	4.52	0.05	0.05	-1891	13.49	0.13	0.13
-1890	29.20	0.29	0.29	-1889	12.08	0.12	0.12	-1888	65.70	0.66	0.66	-1887	49.25	0.49	0.49

-1886	2.68	0.03	0.03
-1882	42.45	0.42	0.42
-1878	1.51	0.02	0.02
-1874	2.56	0.03	0.03
-1870	0.65	0.01	0.01
-1866	0.84	0.01	0.01
-1862	0.48	0.00	0.00
-1858	41.75	0.42	0.42
-1854	22.56	0.23	0.23
-1850	27.36	0.27	0.27
-1846	7.52	0.08	0.08
-1842	0.79	0.01	0.01
-1838	31.04	0.31	0.31
-1834	5.29	0.05	0.05
-1830	5.54	0.06	0.06
-1826	27.40	0.27	0.27
-1822	4.23	0.04	0.04
-1818	10.92	0.11	0.11
-1814	34.78	0.35	0.35
-1810	17.72	0.18	0.18
-1806	21.61	0.22	0.22
-1802	23.65	0.24	0.24
-1798	23.65	0.24	0.24
-1794	7.77	0.08	0.08
-1790	68.52	0.69	0.69
-1786	0.45	0.00	0.00
-1782	79.01	0.79	0.79
-1778	0.82	0.01	0.01
-1774	7.75	0.08	0.08
-1770	6.59	0.07	0.07
-1766	2.92	0.03	0.03
-1762	2.84	0.03	0.03
-1758	0.69	0.01	0.01
-1754	7.82	0.08	0.08
-1750	2.83	0.03	0.03
-1746	1.83	0.02	0.02
-1742	5.80	0.06	0.06
-1738	2.84	0.03	0.03
-1734	5.94	0.06	0.06
-1730	2.53	0.03	0.03
-1726	2.36	0.02	0.02
-1722	1.26	0.01	0.01
-1718	3.01	0.03	0.03
-1714	1.68	0.02	0.02
-1710	1.11	0.01	0.01
-1706	3.23	0.03	0.03
-1702	5.60	0.06	0.06
-1698	4.46	0.04	0.04
-1694	6.06	0.06	0.06
-1690	1.55	0.02	0.02
-1686	4.94	0.05	0.05
-1682	4.29	0.04	0.04
-1678	1.78	0.02	0.02
-1674	6.71	0.07	0.07
-1670	12.52	0.13	0.13
-1666	9.08	0.09	0.09
-1662	2.08	0.02	0.02
-1658	6.10	0.06	0.06
-1654	3.94	0.04	0.04
-1650	3.39	0.03	0.03
-1646	6.27	0.06	0.06
-1642	1.12	0.01	0.01
-1638	1.36	0.01	0.01
-1634	1.59	0.02	0.02
-1630	4.65	0.05	0.05
-1626	6.58	0.07	0.07
-1622	3.44	0.03	0.03
-1618	1.92	0.02	0.02
-1614	1.27	0.01	0.01
-1610	3.69	0.04	0.04
-1606	6.40	0.06	0.06
-1602	5.09	0.05	0.05
-1598	6.93	0.07	0.07
-1594	1.77	0.02	0.02
-1590	5.64	0.06	0.06
-1586	4.90	0.05	0.05
-1582	2.04	0.02	0.02
-1578	7.67	0.08	0.08
-1574	22.54	0.23	0.23

-1885	11.25	0.11	0.11
-1881	42.23	0.42	0.42
-1877	1.12	0.01	0.01
-1873	41.81	0.42	0.42
-1869	0.41	0.00	0.00
-1865	33.93	0.34	0.34
-1861	45.50	0.46	0.46
-1857	9.73	0.10	0.10
-1853	3.18	0.03	0.03
-1849	3.30	0.03	0.03
-1845	0.37	0.00	0.00
-1841	3.57	0.04	0.04
-1837	6.40	0.06	0.06
-1833	19.80	0.20	0.20
-1829	16.54	0.17	0.17
-1825	47.77	0.48	0.48
-1821	12.98	0.13	0.13
-1817	5.47	0.05	0.05
-1813	14.99	0.15	0.15
-1809	15.59	0.16	0.16
-1805	13.29	0.13	0.13
-1801	4.00	0.04	0.04
-1797	8.79	0.09	0.09
-1793	43.13	0.43	0.43
-1789	1.46	0.01	0.01
-1785	0.76	0.01	0.01
-1781	0.81	0.01	0.01
-1777	1.96	0.02	0.02
-1773	3.16	0.03	0.03
-1769	4.93	0.05	0.05
-1765	2.64	0.03	0.03
-1761	1.77	0.02	0.02
-1757	0.80	0.01	0.01
-1753	8.52	0.09	0.09
-1749	5.80	0.06	0.06
-1745	5.49	0.05	0.05
-1741	2.64	0.03	0.03
-1737	0.68	0.01	0.01
-1733	4.57	0.05	0.05
-1729	1.43	0.01	0.01
-1725	1.77	0.02	0.02
-1721	7.48	0.07	0.07
-1717	1.29	0.01	0.01
-1713	2.39	0.02	0.02
-1709	6.15	0.06	0.06
-1705	5.78	0.06	0.06
-1701	6.34	0.06	0.06
-1697	6.59	0.07	0.07
-1693	6.59	0.07	0.07
-1689	3.04	0.03	0.03
-1685	7.46	0.07	0.07
-1681	1.84	0.02	0.02
-1677	5.37	0.05	0.05
-1673	3.34	0.03	0.03
-1669	8.85	0.09	0.09
-1665	7.53	0.08	0.08
-1661	3.34	0.03	0.03
-1657	2.63	0.03	0.03
-1653	8.93	0.09	0.09
-1649	6.63	0.07	0.07
-1645	2.50	0.02	0.02
-1641	6.95	0.07	0.07
-1637	5.05	0.05	0.05
-1633	2.43	0.02	0.02
-1629	2.70	0.03	0.03
-1625	1.30	0.01	0.01
-1621	1.47	0.01	0.01
-1617	1.80	0.02	0.02
-1613	7.03	0.07	0.07
-1609	6.18	0.06	0.06
-1605	7.25	0.07	0.07
-1601	7.53	0.08	0.08
-1597	7.53	0.08	0.08
-1593	3.47	0.03	0.03
-1589	8.53	0.09	0.09
-1585	2.10	0.02	0.02
-1581	6.14	0.06	0.06
-1577	3.82	0.04	0.04
-1573	12.13	0.12	0.12

-1884	18.03	0.18	0.18
-1880	34.84	0.35	0.35
-1876	37.90	0.38	0.38
-1872	0.45	0.00	0.00
-1868	39.48	0.39	0.39
-1864	0.18	0.00	0.00
-1860	0.84	0.01	0.01
-1856	4.47	0.04	0.04
-1852	19.14	0.19	0.19
-1848	1.90	0.02	0.02
-1844	14.59	0.15	0.15
-1840	26.15	0.26	0.26
-1836	7.23	0.07	0.07
-1832	11.90	0.12	0.12
-1828	24.09	0.24	0.24
-1824	27.55	0.28	0.28
-1820	0.63	0.01	0.01
-1816	9.88	0.10	0.10
-1812	14.05	0.14	0.14
-1808	11.96	0.12	0.12
-1804	28.44	0.28	0.28
-1800	17.70	0.18	0.18
-1796	12.27	0.12	0.12
-1792	2.10	0.02	0.02
-1788	0.90	0.01	0.01
-1784	0.76	0.01	0.01
-1780	1.62	0.02	0.02
-1776	38.57	0.39	0.39
-1772	2.33	0.02	0.02
-1768	9.05	0.09	0.09
-1764	1.69	0.02	0.02
-1760	3.37	0.03	0.03
-1756	4.13	0.04	0.04
-1752	3.19	0.03	0.03
-1748	2.11	0.02	0.02
-1744	2.19	0.02	0.02
-1740	0.98	0.01	0.01
-1736	1.66	0.02	0.02
-1732	1.39	0.01	0.01
-1728	5.09	0.05	0.05
-1724	5.27	0.05	0.05
-1720	4.02	0.04	0.04
-1716	2.64	0.03	0.03
-1712	1.32	0.01	0.01
-1708	6.77	0.07	0.07
-1704	6.02	0.06	0.06
-1700	5.19	0.05	0.05
-1696	7.59	0.08	0.08
-1692	1.39	0.01	0.01
-1688	11.66	0.12	0.12
-1684	5.98	0.06	0.06
-1680	3.09	0.03	0.03
-1676	3.30	0.03	0.03
-1672	7.99	0.08	0.08
-1668	3.61	0.04	0.04
-1664	5.64	0.06	0.06
-1660	3.01	0.03	0.03
-1656	0.49	0.00	0.00
-1652	9.74	0.10	0.10
-1648	2.41	0.02	0.02
-1644	8.87	0.09	0.09
-1640	3.24	0.03	0.03
-1636	6.79	0.07	0.07
-1632	1.64	0.02	0.02
-1628	2.02	0.02	0.02
-1624	7.51	0.08	0.08
-1620	3.02	0.03	0.03
-1616	1.51	0.02	0.02
-1612	7.74	0.08	0.08
-1608	6.88	0.07	0.07
-1604	5.94	0.06	0.06
-1600	8.67	0.09	0.09
-1596	1.59	0.02	0.02
-1592	13.33	0.13	0.13
-1588	6.84	0.07	0.07
-1584	3.53	0.04	0.04
-1580	3.77	0.04	0.04
-1576	9.14	0.09	0.09
-1572	2.69	0.03	0.03

-1883	9.04	0.09	0.09
-1879	3.70	0.04	0.04
-1875	3.41	0.03	0.03
-1871	0.72	0.01	0.01
-1867	1.11	0.01	0.01
-1863	0.45	0.00	0.00
-1859	1.92	0.02	0.02
-1855	8.06	0.08	0.08
-1851	5.20	0.05	0.05
-1847	22.56	0.23	0.23
-1843	0.70	0.01	0.01
-1839	13.10	0.13	0.13
-1835	7.21	0.07	0.07
-1831	7.41	0.07	0.07
-1827	12.39	0.12	0.12
-1823	0.74	0.01	0.01
-1819	6.59	0.07	0.07
-1815	4.57	0.05	0.05
-1811	9.55	0.10	0.10
-1807	15.80	0.16	0.16
-1803	2.35	0.02	0.02
-1799	15.51	0.16	0.16
-1795	9.79	0.10	0.10
-1791	1.21	0.01	0.01
-1787	1.05	0.01	0.01
-1783	0.44	0.00	0.00
-1779	63.42	0.63	0.63
-1775	10.96	0.11	0.11
-1771	7.95	0.08	0.08
-1767	1.82	0.02	0.02
-1763	5.33	0.05	0.05
-1759	0.74	0.01	0.01
-1755	3.45	0.03	0.03
-1751	2.97	0.03	0.03
-1747	6.27	0.06	0.06
-1743	7.76	0.08	0.08
-1739	6.56	0.07	0.07
-1735	4.42	0.04	0.04
-1731	2.13	0.02	0.02
-1727	4.07	0.04	0.04
-1723	5.76	0.06	0.06
-1719	6.04	0.06	0.06
-1715	2.56	0.03	0.03
-1711	1.98	0.02	0.02
-1707	5.92	0.06	0.06
-1703	5.90	0.06	0.06
-1699	4.50	0.05	0.05
-1695	4.49	0.04	0.04
-1691	3.11	0.03	0.03
-1687	8.57	0.09	0.09
-1683	3.68	0.04	0.04
-1679	3.09	0.03	0.03
-1675	6.60	0.07	0.07
-1671	9.02	0.09	0.09
-1667	2.67	0.03	0.03
-1663	10.34	0.10	0.10
-1659	1.93	0.02	0.02
-1655	4.72	0.05	0.05
-1651	3.65	0.04	0.04
-1647	7.17	0.07	0.07
-1643	6.63	0.07	0.07
-1639	0.78	0.01	0.01
-1635	5.22	0.05	0.05
-1631	5.82	0.06	0.06
-1627	6.02	0.06	0.06
-1623	6.44	0.06	0.06
-1619	2.93	0.03	0.03
-1615	2.26	0.02	0.02
-1611	6.76	0.07	0.07
-1607	6.75	0.07	0.07
-1603	5.14	0.05	0.05
-1599	5.13	0.05	0.05
-1595	3.56	0.04	0.04
-1591	9.79	0.10	0.10
-1587	4.20	0.04	0.04
-1583	3.53	0.04	0.04
-1579	7.54	0.08	0.08
-1575	10.31	0.10	0.10
-1571	4.80	0.05	0.05

-1570	16.34	0.16	0.16
-1566	3.74	0.04	0.04
-1562	10.97	0.11	0.11
-1558	1.53	0.02	0.02
-1554	3.43	0.03	0.03
-1550	6.10	0.06	0.06
-1546	12.90	0.13	0.13
-1542	15.97	0.16	0.16
-1538	10.60	0.11	0.11
-1534	9.10	0.09	0.09
-1530	3.22	0.03	0.03
-1526	8.36	0.08	0.08
-1522	11.85	0.12	0.12
-1518	8.19	0.08	0.08
-1514	0.99	0.01	0.01
-1510	1.83	0.02	0.02
-1506	3.32	0.03	0.03
-1502	20.46	0.20	0.20
-1498	9.17	0.09	0.09
-1494	12.47	0.12	0.12
-1490	3.19	0.03	0.03
-1486	5.97	0.06	0.06
-1482	15.65	0.16	0.16
-1478	6.51	0.07	0.07
-1474	13.80	0.14	0.14
-1470	35.78	0.36	0.36
-1466	18.44	0.18	0.18
-1462	4.21	0.04	0.04
-1458	21.56	0.22	0.22
-1454	1.73	0.02	0.02
-1450	2.91	0.03	0.03
-1446	6.88	0.07	0.07
-1442	52.06	0.52	0.52
-1438	25.35	0.25	0.25
-1433	9.27	0.09	0.09
-1429	46.21	0.46	0.46
-1425	3.32	0.03	0.03
-1421	4.10	0.04	0.04
-1417	11.13	0.11	0.11
-1413	2.36	0.02	0.02
-1409	49.25	0.49	0.49
-1405	12.05	0.12	0.12
-1401	7.05	0.07	0.07
-1397	1.40	0.01	0.01
-1393	4.36	0.04	0.04
-1389	0.59	0.01	0.01
-1385	5.48	0.05	0.05
-1381	1.66	0.02	0.02
-1377	4.73	0.05	0.05
-1373	2.92	0.03	0.03
-1368	8.22	0.08	0.08
-1364	4.04	0.04	0.04
-1360	2.82	0.03	0.03
-1356	7.66	0.08	0.08
-1352	1.43	0.01	0.01
-1348	8.29	0.08	0.08
-1344	3.88	0.04	0.04
-1340	10.06	0.10	0.10
-1336	5.22	0.05	0.05
-1332	0.78	0.01	0.01
-1328	5.36	0.05	0.05
-1324	0.38	0.00	0.00
-1320	10.35	0.10	0.10
-1316	3.37	0.03	0.03
-1312	2.18	0.02	0.02
-1308	10.67	0.11	0.11
-1303	0.31	0.00	0.00
-1299	7.13	0.07	0.07
-1295	5.34	0.05	0.05
-1291	6.27	0.06	0.06
-1287	1.35	0.01	0.01
-1283	1.58	0.02	0.02
-1279	13.57	0.14	0.14
-1275	16.45	0.16	0.16
-1271	22.26	0.22	0.22
-1267	23.11	0.23	0.23
-1263	23.11	0.23	0.23
-1259	3.62	0.04	0.04
-1255	8.88	0.09	0.09

-1569	9.88	0.10	0.10
-1565	2.22	0.02	0.02
-1561	8.42	0.08	0.08
-1557	3.18	0.03	0.03
-1553	12.42	0.12	0.12
-1549	5.83	0.06	0.06
-1545	3.76	0.04	0.04
-1541	11.93	0.12	0.12
-1537	5.84	0.06	0.06
-1533	12.22	0.12	0.12
-1529	5.21	0.05	0.05
-1525	4.85	0.05	0.05
-1521	1.87	0.02	0.02
-1517	4.15	0.04	0.04
-1513	2.15	0.02	0.02
-1509	10.41	0.10	0.10
-1505	17.12	0.17	0.17
-1501	23.17	0.23	0.23
-1497	24.06	0.24	0.24
-1493	24.06	0.24	0.24
-1489	6.25	0.06	0.06
-1485	15.35	0.15	0.15
-1481	6.71	0.07	0.07
-1477	19.62	0.20	0.20
-1473	3.10	0.03	0.03
-1469	17.84	0.18	0.18
-1465	10.18	0.10	0.10
-1461	1.52	0.02	0.02
-1457	10.46	0.10	0.10
-1453	4.26	0.04	0.04
-1449	18.36	0.18	0.18
-1445	23.64	0.24	0.24
-1441	4.25	0.04	0.04
-1437	18.93	0.19	0.19
-1432	0.60	0.01	0.01
-1428	12.64	0.13	0.13
-1424	9.47	0.09	0.09
-1420	12.22	0.12	0.12
-1416	2.64	0.03	0.03
-1412	2.08	0.02	0.02
-1408	14.51	0.15	0.15
-1404	10.45	0.10	0.10
-1400	5.64	0.06	0.06
-1396	3.73	0.04	0.04
-1392	14.44	0.14	0.14
-1388	2.69	0.03	0.03
-1384	5.37	0.05	0.05
-1380	6.59	0.07	0.07
-1376	4.52	0.05	0.05
-1372	8.76	0.09	0.09
-1367	0.42	0.00	0.00
-1363	2.29	0.02	0.02
-1359	8.41	0.08	0.08
-1355	1.82	0.02	0.02
-1351	1.33	0.01	0.01
-1347	7.18	0.07	0.07
-1343	11.91	0.12	0.12
-1339	1.05	0.01	0.01
-1335	3.25	0.03	0.03
-1331	0.44	0.00	0.00
-1327	4.09	0.04	0.04
-1323	0.51	0.01	0.01
-1319	15.69	0.16	0.16
-1315	10.67	0.11	0.11
-1311	6.53	0.07	0.07
-1307	3.14	0.03	0.03
-1302	0.31	0.00	0.00
-1298	1.70	0.02	0.02
-1294	4.84	0.05	0.05
-1290	6.85	0.07	0.07
-1286	4.50	0.04	0.04
-1282	1.07	0.01	0.01
-1278	12.47	0.12	0.12
-1274	2.54	0.03	0.03
-1270	6.18	0.06	0.06
-1266	13.97	0.14	0.14
-1262	1.66	0.02	0.02
-1258	21.47	0.21	0.21
-1254	4.78	0.05	0.05

-1568	6.47	0.06	0.06
-1564	1.64	0.02	0.02
-1560	6.21	0.06	0.06
-1556	3.40	0.03	0.03
-1552	17.53	0.18	0.18
-1548	11.93	0.12	0.12
-1544	11.29	0.11	0.11
-1540	5.44	0.05	0.05
-1536	0.70	0.01	0.01
-1532	8.23	0.08	0.08
-1528	2.95	0.03	0.03
-1524	3.63	0.04	0.04
-1520	9.87	0.10	0.10
-1516	2.20	0.02	0.02
-1512	0.51	0.01	0.01
-1508	13.93	0.14	0.14
-1504	5.90	0.06	0.06
-1500	10.69	0.11	0.11
-1496	15.61	0.16	0.16
-1492	2.86	0.03	0.03
-1488	24.00	0.24	0.24
-1484	8.18	0.08	0.08
-1480	2.93	0.03	0.03
-1476	4.69	0.05	0.05
-1472	21.81	0.22	0.22
-1468	2.04	0.02	0.02
-1464	6.34	0.06	0.06
-1460	0.86	0.01	0.01
-1456	7.97	0.08	0.08
-1452	4.50	0.05	0.05
-1448	27.83	0.28	0.28
-1444	18.93	0.19	0.19
-1440	12.74	0.13	0.13
-1436	6.13	0.06	0.06
-1431	0.60	0.01	0.01
-1427	3.32	0.03	0.03
-1423	9.44	0.09	0.09
-1419	13.36	0.13	0.13
-1415	8.77	0.09	0.09
-1411	1.94	0.02	0.02
-1407	2.87	0.03	0.03
-1403	14.55	0.15	0.15
-1399	17.31	0.17	0.17
-1395	12.68	0.13	0.13
-1391	2.90	0.03	0.03
-1387	8.51	0.09	0.09
-1383	1.19	0.01	0.01
-1379	2.00	0.02	0.02
-1375	3.36	0.03	0.03
-1371	3.49	0.03	0.03
-1366	0.42	0.00	0.00
-1362	6.49	0.06	0.06
-1358	9.19	0.09	0.09
-1354	6.04	0.06	0.06
-1350	1.98	0.02	0.02
-1346	9.68	0.10	0.10
-1342	5.60	0.06	0.06
-1338	2.78	0.03	0.03
-1334	10.76	0.11	0.11
-1330	2.01	0.02	0.02
-1326	4.00	0.04	0.04
-1322	4.91	0.05	0.05
-1318	3.80	0.04	0.04
-1314	2.51	0.03	0.03
-1310	2.60	0.03	0.03
-1305	6.13	0.06	0.06
-1301	8.14	0.08	0.08
-1297	3.01	0.03	0.03
-1293	2.81	0.03	0.03
-1289	1.08	0.01	0.01
-1285	8.01	0.08	0.08
-1281	6.95	0.07	0.07
-1277	8.18	0.08	0.08
-1273	14.32	0.14	0.14
-1269	5.36	0.05	0.05
-1265	15.75	0.16	0.16
-1261	10.92	0.11	0.11
-1257	11.46	0.11	0.11
-1253	4.84	0.05	0.05

-1567	18.61	0.19	0.19
-1563	3.47	0.03	0.03
-1559	6.92	0.07	0.07
-1555	8.50	0.08	0.08
-1551	6.56	0.07	0.07
-1547	4.34	0.04	0.04
-1543	4.49	0.04	0.04
-1539	0.38	0.00	0.00
-1535	0.54	0.01	0.01
-1531	0.54	0.01	0.01
-1527	6.81	0.07	0.07
-1523	10.84	0.11	0.11
-1519	2.34	0.02	0.02
-1515	2.49	0.02	0.02
-1511	7.23	0.07	0.07
-1507	9.71	0.10	0.10
-1503	15.61	0.16	0.16
-1499	9.26	0.09	0.09
-1495	16.39	0.16	0.16
-1491	11.37	0.11	0.11
-1487	13.44	0.13	0.13
-1483	5.36	0.05	0.05
-1479	2.93	0.03	0.03
-1475	9.81	0.10	0.10
-1471	32.96	0.33	0.33
-1467	5.42	0.05	0.05
-1463	20.99	0.21	0.21
-1459	3.91	0.04	0.04
-1455	18.10	0.18	0.18
-1451	9.58	0.10	0.10
-1447	24.49	0.24	0.24
-1443	4.89	0.05	0.05
-1439	5.07	0.05	0.05
-1434	11.95	0.12	0.12
-1430	22.81	0.23	0.23
-1426	5.88	0.06	0.06
-1422	5.47	0.05	0.05
-1418	2.11	0.02	0.02
-1414	9.93	0.10	0.10
-1410	28.16	0.28	0.28
-1406	4.95	0.05	0.05
-1402	14.07	0.14	0.14
-1398	8.15	0.08	0.08
-1394	7.00	0.07	0.07
-1390	1.04	0.01	0.01
-1386	7.19	0.07	0.07
-1382	1.49	0.01	0.01
-1378	5.09	0.05	0.05
-1374	10.01	0.10	0.10
-1370	4.22	0.04	0.04
-1365	2.29	0.02	0.02
-1361	3.76	0.04	0.04
-1357	1.45	0.01	0.01
-1353	1.62	0.02	0.02
-1349	3.41	0.03	0.03
-1345	4.85	0.05	0.05
-1341	20.17	0.20	0.20
-1337	9.45	0.09	0.09
-1333	2.16	0.02	0.02
-1329	6.35	0.06	0.06
-1325	0.88	0.01	0.01
-1321	1.49	0.01	0.01
-1317	3.53	0.04	0.04
-1313	7.46	0.07	0.07
-1309	14.29	0.14	0.14
-1304	5.23	0.05	0.05
-1300	10.94	0.11	0.11
-1296	1.70	0.02	0.02
-1292	2.10	0.02	0.02
-1288	5.71	0.06	0.06
-1284	1.21	0.01	0.01
-1280	0.99	0.01	0.01
-1276	1.47	0.01	0.01
-1272	19.66	0.20	0.20
-1268	8.20	0.08	0.08
-1264	7.21	0.07	0.07
-1260	1.84	0.02	0.02
-1256	3.20	0.03	0.03
-1252	15.04	0.15	0.15

-1251	6.45	0.06	0.06	-1250	2.49	0.02	0.02	-1249	2.49	0.02	0.02	-1248	6.26	0.06	0.06
-1247	18.85	0.19	0.19	-1246	3.96	0.04	0.04	-1245	5.47	0.05	0.05	-1244	7.98	0.08	0.08
-1243	1.59	0.02	0.02	-1242	20.42	0.20	0.20	-1241	31.67	0.32	0.32	-1240	16.46	0.16	0.16
-1239	11.08	0.11	0.11	-1238	4.19	0.04	0.04	-1237	3.51	0.04	0.04	-1236	11.93	0.12	0.12
-1235	9.36	0.09	0.09	-1234	6.87	0.07	0.07	-1233	13.59	0.14	0.14	-1232	2.73	0.03	0.03
-1231	3.83	0.04	0.04	-1230	3.40	0.03	0.03	-1229	2.53	0.03	0.03	-1228	8.01	0.08	0.08
-1227	4.00	0.04	0.04	-1226	2.39	0.02	0.02	-1225	5.06	0.05	0.05	-1224	1.12	0.01	0.01
-1223	1.52	0.02	0.02	-1222	1.68	0.02	0.02	-1221	6.20	0.06	0.06	-1220	4.64	0.05	0.05
-1219	11.20	0.11	0.11	-1218	12.80	0.13	0.13	-1217	4.79	0.05	0.05	-1216	4.46	0.04	0.04
-1215	4.26	0.04	0.04	-1214	8.71	0.09	0.09	-1213	3.17	0.03	0.03	-1212	9.42	0.09	0.09
-1211	2.75	0.03	0.03	-1210	8.24	0.08	0.08	-1209	3.28	0.03	0.03	-1208	11.66	0.12	0.12
-1207	8.71	0.09	0.09	-1206	3.97	0.04	0.04	-1204	7.74	0.08	0.08	-1203	4.26	0.04	0.04
-1202	0.39	0.00	0.00	-1201	0.39	0.00	0.00	-1200	6.64	0.07	0.07	-1199	8.93	0.09	0.09
-1198	5.82	0.06	0.06	-1197	2.15	0.02	0.02	-1196	3.81	0.04	0.04	-1195	2.15	0.02	0.02
-1194	5.86	0.06	0.06	-1193	20.85	0.21	0.21	-1192	19.46	0.19	0.19	-1191	14.56	0.15	0.15
-1190	43.45	0.43	0.43	-1189	56.48	0.56	0.56	-1188	33.63	0.34	0.34	-1187	19.43	0.19	0.19
-1186	1.71	0.02	0.02	-1185	5.68	0.06	0.06	-1184	3.31	0.03	0.03	-1183	1.53	0.02	0.02
-1182	2.18	0.02	0.02	-1181	1.34	0.01	0.01	-1180	2.97	0.03	0.03	-1179	1.26	0.01	0.01
-1178	7.85	0.08	0.08	-1177	10.17	0.10	0.10	-1176	6.67	0.07	0.07	-1175	1.86	0.02	0.02
-1174	10.04	0.10	0.10	-1173	3.21	0.03	0.03	-1172	6.13	0.06	0.06	-1171	8.41	0.08	0.08
-1170	9.53	0.10	0.10	-1169	7.80	0.08	0.08	-1168	6.76	0.07	0.07	-1167	6.69	0.07	0.07
-1166	9.89	0.10	0.10	-1165	11.40	0.11	0.11	-1164	6.74	0.07	0.07	-1163	9.11	0.09	0.09
-1162	9.89	0.10	0.10	-1161	2.09	0.02	0.02	-1160	4.67	0.05	0.05	-1159	2.33	0.02	0.02
-1158	4.56	0.05	0.05	-1157	17.52	0.18	0.18	-1156	10.98	0.11	0.11	-1155	5.54	0.06	0.06
-1154	28.98	0.29	0.29	-1153	39.25	0.39	0.39	-1152	24.12	0.24	0.24	-1151	28.12	0.28	0.28
-1150	12.05	0.12	0.12	-1149	20.27	0.20	0.20	-1148	20.27	0.20	0.20	-1147	12.27	0.12	0.12
-1146	14.97	0.15	0.15	-1145	3.41	0.03	0.03	-1144	8.37	0.08	0.08	-1143	10.08	0.10	0.10
-1142	3.48	0.03	0.03	-1141	10.46	0.10	0.10	-1140	13.55	0.14	0.14	-1139	53.64	0.54	0.54
-1138	19.47	0.19	0.19	-1137	7.94	0.08	0.08	-1136	5.87	0.06	0.06	-1135	43.26	0.43	0.43
-1134	16.55	0.17	0.17	-1133	12.69	0.13	0.13	-1132	67.39	0.67	0.67	-1131	4.69	0.05	0.05
-1130	7.33	0.07	0.07	-1129	6.62	0.07	0.07	-1128	4.24	0.04	0.04	-1127	19.21	0.19	0.19
-1126	6.08	0.06	0.06	-1125	3.25	0.03	0.03	-1124	8.49	0.08	0.08	-1123	1.96	0.02	0.02
-1122	3.78	0.04	0.04	-1121	4.01	0.04	0.04	-1120	20.49	0.20	0.20	-1119	8.67	0.09	0.09
-1118	19.64	0.20	0.20	-1117	33.82	0.34	0.34	-1116	18.29	0.18	0.18	-1115	40.31	0.40	0.40
-1114	7.00	0.07	0.07	-1113	39.38	0.39	0.39	-1112	28.65	0.29	0.29	-1111	4.35	0.04	0.04
-1110	35.95	0.36	0.36	-1109	7.01	0.07	0.07	-1108	54.18	0.54	0.54	-1107	29.69	0.30	0.30
-1106	56.42	0.56	0.56	-1105	39.38	0.39	0.39	-1104	10.65	0.11	0.11	-1103	11.87	0.12	0.12
-1102	12.08	0.12	0.12	-1101	65.22	0.65	0.65	-1100	13.82	0.14	0.14	-1099	15.17	0.15	0.15
-1098	20.63	0.21	0.21	-1097	8.77	0.09	0.09	-1096	8.69	0.09	0.09	-1095	13.59	0.14	0.14
-1094	14.31	0.14	0.14	-1093	34.64	0.35	0.35	-1092	18.27	0.18	0.18	-1091	11.38	0.11	0.11
-1090	15.91	0.16	0.16	-1089	33.31	0.33	0.33	-1088	16.09	0.16	0.16	-1087	5.68	0.06	0.06
-1086	4.25	0.04	0.04	-1085	12.68	0.13	0.13	-1084	23.01	0.23	0.23	-1083	1.58	0.02	0.02
-1082	71.42	0.71	0.71	-1081	22.35	0.22	0.22	-1080	53.99	0.54	0.54	-1079	57.33	0.57	0.57
-1078	4.49	0.04	0.04	-1077	2.76	0.03	0.03	-1076	16.67	0.17	0.17	-1075	3.06	0.03	0.03
-1074	13.44	0.13	0.13	-1073	20.74	0.21	0.21	-1072	26.05	0.26	0.26	-1071	57.65	0.58	0.58
-1070	69.46	0.69	0.69	-1069	16.01	0.16	0.16	-1068	6.71	0.07	0.07	-1067	36.98	0.37	0.37
-1066	9.15	0.09	0.09	-1065	36.26	0.36	0.36	-1064	11.93	0.12	0.12	-1063	13.49	0.13	0.13
-1062	36.41	0.36	0.36	-1061	12.51	0.13	0.13	-1060	67.86	0.68	0.68	-1059	11.20	0.11	0.11
-1058	44.72	0.45	0.45	-1057	19.07	0.19	0.19	-1056	35.45	0.35	0.35	-1055	14.60	0.15	0.15
-1054	65.34	0.65	0.65	-1053	44.72	0.45	0.45	-1052	20.99	0.21	0.21	-1051	24.02	0.24	0.24
-1050	23.36	0.23	0.23	-1049	7.32	0.07	0.07	-1048	56.41	0.56	0.56	-1047	58.27	0.58	0.58
-1046	32.93	0.33	0.33	-1045	29.10	0.29	0.29	-1044	14.40	0.14	0.14	-1043	8.85	0.09	0.09
-1042	10.32	0.10	0.10	-1041	4.42	0.04	0.04	-1040	7.44	0.07	0.07	-1039	7.44	0.07	0.07
-1038	4.42	0.04	0.04	-1037	22.30	0.22	0.22	-1036	7.00	0.07	0.07	-1035	15.29	0.15	0.15
-1034	33.06	0.33	0.33	-1033	7.11	0.07	0.07	-1032	18.79	0.19	0.19	-1031	36.76	0.37	0.37
-1030	20.10	0.20	0.20	-1029	14.21	0.14	0.14	-1028	5.80	0.06	0.06	-1027	4.28	0.04	0.04
-1026	14.25	0.14	0.14	-1025	12.09	0.12	0.12	-1024	9.47	0.09	0.09	-1023	16.40	0.16	0.16
-1022	3.51	0.04	0.04	-1021	5.35	0.05	0.05	-1020	4.83	0.05	0.05	-1019	3.09	0.03	0.03
-1018	9.95	0.10	0.10	-1017	4.65	0.05	0.05	-1016	2.49	0.02	0.02	-1015	6.22	0.06	0.06
-1014	1.50	0.02	0.02	-1013	3.42	0.03	0.03	-1012	3.56	0.04	0.04	-1011	7.68	0.08	0.08
-1010	6.33	0.06	0.06	-1009	14.34	0.14	0.14	-1008	15.64	0.16	0.16	-1007	5.37	0.05	0.05
-1006	4.99	0.05	0.05	-1005	4.76	0.05	0.05	-1004	10.64	0.11	0.11	-1003	3.54	0.04	0.04
-1002	10.55	0.11	0.11	-1001	3.08	0.03	0.03	-1000	10.38	0.10	0.10	-999	3.67	0.04	0.04
-998	14.24	0.14	0.14	-997	10.64	0.11	0.11	-996	4.44	0.04	0.04	-995	1.65	0.02	0.02
-994	10.03	0.10	0.10	-993	2.36	0.02	0.02	-992	2.07	0.02	0.02	-991	5.21	0.05	0.05
-990	1.15	0.01	0.01	-989	1.43	0.01	0.01	-988	7.80	0.08	0.08	-987	9.99	0.10	0.10
-986	6.51	0.07	0.07	-985	2.41	0.02	0.02	-984	4.26	0.04	0.04	-983	2.41	0.02	0.02
-982	9.34	0.09	0.09	-981	6.84	0.07	0.07	-980	3.97	0.04	0.04	-979	2.97	0.03	0.03
-978	8.86	0.09	0.09	-977	8.15	0.08	0.08	-976	13.28	0.13	0.13	-975	5.23	0.05	0.05
-974	11.06	0.11	0.11	-973	3.28	0.03	0.03	-972	2.17	0.02	0.02	-971	4.84	0.05	0.05
-970	2.82	0.03	0.03	-969	3.63	0.04	0.04	-968	4.09	0.04	0.04	-967	8.46	0.08	0.08
-966	11.39	0.11	0.11	-965	9.47	0.09	0.09	-964	2.48	0.02	0.02	-963	3.43	0.03	0.03
-962	11.89	0.12	0.12	-961	4.81	0.05	0.05	-960	10.57	0.11	0.11	-959	9.93	0.10	0.10
-958	9.42	0.09	0.09	-957	11.40	0.11	0.11	-956	8.74	0.09	0.09	-955	8.52	0.09	0.09
-954	8.18	0.08	0.08	-953	12.08	0.12	0.12	-952	13.92	0.14	0.14	-951	4.87	0.05	0.05
-950	10.20	0.10	0.10	-949	8.20	0.08	0.08	-948	12.08	0.12	0.12	-947	2.63	0.03	0.03
-946	2.56	0.03	0.03	-945	2.93	0.03	0.03	-944	5.11	0.05	0.05	-943	20.47	0.20	0.20
-942	14.41	0.14	0.14	-941	8.31	0.08	0.08	-940	12.55	0.13	0.13	-939	10.06	0.10	0.10
-938	6.18	0.06	0.06	-937	7.21	0.07	0.07	-936	3.09	0.03	0.03	-935	5.20	0.05	0.05

-934	5.20	0.05	0.05
-930	12.10	0.12	0.12
-926	16.55	0.17	0.17
-922	6.63	0.07	0.07
-918	25.40	0.25	0.25
-914	4.79	0.05	0.05
-910	7.60	0.08	0.08
-906	5.51	0.06	0.06
-902	12.52	0.13	0.13
-898	8.52	0.09	0.09
-894	16.08	0.16	0.16
-890	6.88	0.07	0.07
-886	1.33	0.01	0.01
-882	12.07	0.12	0.12
-878	6.60	0.07	0.07
-874	6.14	0.06	0.06
-870	13.76	0.14	0.14
-866	2.15	0.02	0.02
-862	1.29	0.01	0.01
-858	3.84	0.04	0.04
-854	14.71	0.15	0.15
-850	13.53	0.14	0.14
-846	21.55	0.22	0.22
-842	18.71	0.19	0.19
-838	8.01	0.08	0.08
-834	35.39	0.35	0.35
-830	8.71	0.09	0.09
-826	27.13	0.27	0.27
-822	5.73	0.06	0.06
-818	10.49	0.10	0.10
-814	4.04	0.04	0.04
-810	13.60	0.14	0.14
-806	1.71	0.02	0.02
-802	11.13	0.11	0.11
-798	5.04	0.05	0.05
-794	20.84	0.21	0.21
-790	29.00	0.29	0.29
-786	26.01	0.26	0.26
-782	21.70	0.22	0.22
-777	16.31	0.16	0.16
-773	15.48	0.15	0.15
-769	17.92	0.18	0.18
-765	41.35	0.41	0.41
-761	3.96	0.04	0.04
-757	21.88	0.22	0.22
-753	19.14	0.19	0.19
-749	26.33	0.26	0.26
-745	14.84	0.15	0.15
-741	6.60	0.07	0.07
-737	14.72	0.15	0.15
-733	25.92	0.26	0.26
-729	43.13	0.43	0.43
-725	30.58	0.31	0.31
-721	7.53	0.08	0.08
-717	21.34	0.21	0.21
-713	13.34	0.13	0.13
-709	16.47	0.16	0.16
-705	11.51	0.12	0.12
-701	30.56	0.31	0.31
-697	21.44	0.21	0.21
-693	4.11	0.04	0.04
-689	24.43	0.24	0.24
-685	18.74	0.19	0.19
-681	43.93	0.44	0.44
-677	8.65	0.09	0.09
-673	8.63	0.09	0.09
-669	42.40	0.42	0.42
-665	10.43	0.10	0.10
-661	32.50	0.32	0.32
-657	6.52	0.07	0.07
-652	4.23	0.04	0.04
-648	48.62	0.49	0.49
-644	39.50	0.40	0.40
-640	8.50	0.08	0.08
-636	7.38	0.07	0.07
-632	4.22	0.04	0.04
-628	46.51	0.47	0.47
-624	7.30	0.07	0.07
-620	7.32	0.07	0.07

-933	3.19	0.03	0.03
-929	12.38	0.12	0.12
-925	31.13	0.31	0.31
-921	22.07	0.22	0.22
-917	5.43	0.05	0.05
-913	15.40	0.15	0.15
-909	9.63	0.10	0.10
-905	11.89	0.12	0.12
-901	8.31	0.08	0.08
-897	5.49	0.05	0.05
-893	5.69	0.06	0.06
-889	1.06	0.01	0.01
-885	8.06	0.08	0.08
-881	15.47	0.15	0.15
-877	3.19	0.03	0.03
-873	1.30	0.01	0.01
-869	2.96	0.03	0.03
-865	2.54	0.03	0.03
-861	18.90	0.19	0.19
-857	3.03	0.03	0.03
-853	11.59	0.12	0.12
-849	19.03	0.19	0.19
-845	10.88	0.11	0.11
-841	5.89	0.06	0.06
-837	31.70	0.32	0.32
-833	17.96	0.18	0.18
-829	3.88	0.04	0.04
-825	6.70	0.07	0.07
-821	17.59	0.18	0.18
-817	6.20	0.06	0.06
-813	10.73	0.11	0.11
-809	41.09	0.41	0.41
-805	7.75	0.08	0.08
-801	13.84	0.14	0.14
-797	5.38	0.05	0.05
-793	31.58	0.32	0.32
-789	21.48	0.21	0.21
-785	35.68	0.36	0.36
-780	13.04	0.13	0.13
-776	10.67	0.11	0.11
-772	20.42	0.20	0.20
-768	19.99	0.20	0.20
-764	56.57	0.57	0.57
-760	17.19	0.17	0.17
-756	20.48	0.20	0.20
-752	30.26	0.30	0.30
-748	41.46	0.41	0.41
-744	21.33	0.21	0.21
-740	14.92	0.15	0.15
-736	20.21	0.20	0.20
-732	10.22	0.10	0.10
-728	23.34	0.23	0.23
-724	19.03	0.19	0.19
-720	6.20	0.06	0.06
-716	11.77	0.12	0.12
-712	3.22	0.03	0.03
-708	6.70	0.07	0.07
-704	10.70	0.11	0.11
-700	9.54	0.10	0.10
-696	13.97	0.14	0.14
-692	15.35	0.15	0.15
-688	20.31	0.20	0.20
-684	17.54	0.18	0.18
-680	25.54	0.26	0.26
-676	12.43	0.12	0.12
-672	4.28	0.04	0.04
-668	21.77	0.22	0.22
-664	3.02	0.03	0.03
-660	8.27	0.08	0.08
-656	26.18	0.26	0.26
-651	13.26	0.13	0.13
-647	18.80	0.19	0.19
-643	29.51	0.30	0.30
-639	7.67	0.08	0.08
-635	3.95	0.04	0.04
-631	4.44	0.04	0.04
-627	53.35	0.53	0.53
-623	40.93	0.41	0.41
-619	60.83	0.61	0.61

-932	9.62	0.10	0.10
-928	6.13	0.06	0.06
-924	16.85	0.17	0.17
-920	13.73	0.14	0.14
-916	3.17	0.03	0.03
-912	8.94	0.09	0.09
-908	2.32	0.02	0.02
-904	4.84	0.05	0.05
-900	7.72	0.08	0.08
-896	16.34	0.16	0.16
-892	22.06	0.22	0.22
-888	13.85	0.14	0.14
-884	1.14	0.01	0.01
-880	10.08	0.10	0.10
-876	5.53	0.06	0.06
-872	10.42	0.10	0.10
-868	11.87	0.12	0.12
-864	0.89	0.01	0.01
-860	17.64	0.18	0.18
-856	18.87	0.19	0.19
-852	14.58	0.15	0.15
-848	12.66	0.13	0.13
-844	12.64	0.13	0.13
-840	7.21	0.07	0.07
-836	17.11	0.17	0.17
-832	7.03	0.07	0.07
-828	3.88	0.04	0.04
-824	19.10	0.19	0.19
-820	25.63	0.26	0.26
-816	50.35	0.50	0.50
-812	35.70	0.36	0.36
-808	8.79	0.09	0.09
-804	34.09	0.34	0.34
-800	25.86	0.26	0.26
-796	19.23	0.19	0.19
-792	30.53	0.31	0.31
-788	65.20	0.65	0.65
-784	21.48	0.21	0.21
-779	27.90	0.28	0.28
-775	4.94	0.05	0.05
-771	20.21	0.20	0.20
-767	2.06	0.02	0.02
-763	23.71	0.24	0.24
-759	23.59	0.24	0.24
-755	30.26	0.30	0.30
-751	51.28	0.51	0.51
-747	19.73	0.20	0.20
-743	12.19	0.12	0.12
-739	5.28	0.05	0.05
-735	24.46	0.24	0.24
-731	22.82	0.23	0.23
-727	5.29	0.05	0.05
-723	13.42	0.13	0.13
-719	5.09	0.05	0.05
-715	5.65	0.06	0.06
-711	2.59	0.03	0.03
-707	23.90	0.24	0.24
-703	22.63	0.23	0.23
-699	11.17	0.11	0.11
-695	9.14	0.09	0.09
-691	13.01	0.13	0.13
-687	5.33	0.05	0.05
-683	29.86	0.30	0.30
-679	11.50	0.11	0.11
-675	7.10	0.07	0.07
-671	8.63	0.09	0.09
-667	8.67	0.09	0.09
-663	3.02	0.03	0.03
-659	13.43	0.13	0.13
-655	35.52	0.36	0.36
-650	17.49	0.17	0.17
-646	14.81	0.15	0.15
-642	82.45	0.82	0.82
-638	4.91	0.05	0.05
-634	9.71	0.10	0.10
-630	25.13	0.25	0.25
-626	24.40	0.24	0.24
-622	3.30	0.03	0.03
-618	45.79	0.46	0.46

-931	6.05	0.06	0.06
-927	14.67	0.15	0.15
-923	3.82	0.04	0.04
-919	9.68	0.10	0.10
-915	2.37	0.02	0.02
-911	5.48	0.05	0.05
-907	5.30	0.05	0.05
-903	9.53	0.10	0.10
-899	7.38	0.07	0.07
-895	4.76	0.05	0.05
-891	8.52	0.09	0.09
-887	0.74	0.01	0.01
-883	0.45	0.00	0.00
-879	3.73	0.04	0.04
-875	10.59	0.11	0.11
-871	12.62	0.13	0.13
-867	10.88	0.11	0.11
-863	5.62	0.06	0.06
-859	14.66	0.15	0.15
-855	10.75	0.11	0.11
-851	17.66	0.18	0.18
-847	18.71	0.19	0.19
-843	18.32	0.18	0.18
-839	6.55	0.07	0.07
-835	12.86	0.13	0.13
-831	20.32	0.20	0.20
-827	8.99	0.09	0.09
-823	27.67	0.28	0.28
-819	4.28	0.04	0.04
-815	25.11	0.25	0.25
-811	20.15	0.20	0.20
-807	3.01	0.03	0.03
-803	15.17	0.15	0.15
-799	3.76	0.04	0.04
-795	5.77	0.06	0.06
-791	12.50	0.12	0.12
-787	7.71	0.08	0.08
-783	11.13	0.11	0.11
-778	53.10	0.53	0.53
-774	10.74	0.11	0.11
-770	4.79	0.05	0.05
-766	9.09	0.09	0.09
-762	6.22	0.06	0.06
-758	28.56	0.29	0.29
-754	34.86	0.35	0.35
-750	25.52	0.26	0.26
-746	12.05	0.12	0.12
-742	20.54	0.21	0.21
-738	7.79	0.08	0.08
-734	22.82	0.23	0.23
-730	25.92	0.26	0.26
-726	9.19	0.09	0.09
-722	35.19	0.35	0.35
-718	6.63	0.07	0.07
-714	9.20	0.09	0.09
-710	2.89	0.03	0.03
-706	33.55	0.34	0.34
-702	22.28	0.22	0.22
-698	16.73	0.17	0.17
-694	17.31	0.17	0.17
-690	24.14	0.24	0.24
-686	3.39	0.03	0.03
-682	16.39	0.16	0.16
-678	7.02	0.07	0.07
-674	11.97	0.12	0.12
-670	17.50	0.17	0.17
-666	24.35	0.24	0.24
-662	10.77	0.11	0.11
-658	18.07	0.18	0.18
-654	18.59	0.19	0.19
-649	67.08	0.67	0.67
-645	58.41	0.58	0.58
-641	5.44	0.05	0.05
-637	24.32	0.24	0.24
-633	2.38	0.02	0.02
-629	19.54	0.20	0.20
-625	31.23	0.31	0.31
-621	47.96	0.48	0.48
-617	43.10	0.43	0.43

-616	8.09	0.08	0.08
-612	11.63	0.12	0.12
-608	44.71	0.45	0.45
-604	11.81	0.12	0.12
-600	21.79	0.22	0.22
-596	95.61	0.96	0.96
-592	51.36	0.51	0.51
-588	18.46	0.18	0.18
-584	32.46	0.32	0.32
-580	15.24	0.15	0.15
-576	51.24	0.51	0.51
-572	16.56	0.17	0.17
-568	59.29	0.59	0.59
-564	49.50	0.49	0.49
-560	41.89	0.42	0.42
-556	32.46	0.32	0.32
-552	51.92	0.52	0.52
-548	7.66	0.08	0.08
-544	45.31	0.45	0.45
-540	20.64	0.21	0.21
-536	17.49	0.17	0.17
-532	6.41	0.06	0.06
-528	1.76	0.02	0.02
-524	17.21	0.17	0.17
-520	3.48	0.03	0.03
-516	11.97	0.12	0.12
-512	1.85	0.02	0.02
-508	7.79	0.08	0.08
-504	5.67	0.06	0.06
-500	11.98	0.12	0.12
-496	3.22	0.03	0.03
-492	2.35	0.02	0.02
-488	2.65	0.03	0.03
-484	10.61	0.11	0.11
-480	10.06	0.10	0.10
-476	1.03	0.01	0.01
-472	2.99	0.03	0.03
-468	2.02	0.02	0.02
-464	3.22	0.03	0.03
-460	12.30	0.12	0.12
-456	2.46	0.02	0.02
-452	9.92	0.10	0.10
-448	11.58	0.12	0.12
-444	5.57	0.06	0.06
-440	17.73	0.18	0.18
-436	7.61	0.08	0.08
-432	3.71	0.04	0.04
-428	14.89	0.15	0.15
-424	19.80	0.20	0.20
-420	6.53	0.07	0.07
-416	11.58	0.12	0.12
-412	4.47	0.04	0.04
-408	9.16	0.09	0.09
-404	12.44	0.12	0.12
-400	3.99	0.04	0.04
-396	1.84	0.02	0.02
-392	58.10	0.58	0.58
-388	23.67	0.24	0.24
-384	16.35	0.16	0.16
-380	14.36	0.14	0.14
-376	13.02	0.13	0.13
-372	5.03	0.05	0.05
-368	1.89	0.02	0.02
-364	9.52	0.10	0.10
-360	8.95	0.09	0.09
-356	8.08	0.08	0.08
-352	10.68	0.11	0.11
-348	9.19	0.09	0.09
-344	3.36	0.03	0.03
-340	25.37	0.25	0.25
-335	13.28	0.13	0.13
-331	9.92	0.10	0.10
-327	16.56	0.17	0.17
-323	7.04	0.07	0.07
-319	22.71	0.23	0.23
-315	6.92	0.07	0.07
-311	22.09	0.22	0.22
-307	4.71	0.05	0.05
-302	3.06	0.03	0.03

-615	12.32	0.12	0.12
-611	16.74	0.17	0.17
-607	59.02	0.59	0.59
-603	16.71	0.17	0.17
-599	13.97	0.14	0.14
-595	17.72	0.18	0.18
-591	63.60	0.64	0.64
-587	12.85	0.13	0.13
-583	47.45	0.47	0.47
-579	36.18	0.36	0.36
-575	71.49	0.71	0.71
-571	54.63	0.55	0.55
-567	57.33	0.57	0.57
-563	51.80	0.52	0.52
-559	17.77	0.18	0.18
-555	72.90	0.73	0.73
-551	32.53	0.33	0.33
-547	9.13	0.09	0.09
-543	19.95	0.20	0.20
-539	49.36	0.49	0.49
-535	7.13	0.07	0.07
-531	9.27	0.09	0.09
-527	10.80	0.11	0.11
-523	14.87	0.15	0.15
-519	3.82	0.04	0.04
-515	5.72	0.06	0.06
-511	4.21	0.04	0.04
-507	17.65	0.18	0.18
-503	5.41	0.05	0.05
-499	3.50	0.03	0.03
-495	5.05	0.05	0.05
-491	1.31	0.01	0.01
-487	3.30	0.03	0.03
-483	7.77	0.08	0.08
-479	16.83	0.17	0.17
-475	0.86	0.01	0.01
-471	5.50	0.06	0.06
-467	12.94	0.13	0.13
-463	8.03	0.08	0.08
-459	15.90	0.16	0.16
-455	5.93	0.06	0.06
-451	9.67	0.10	0.10
-447	9.32	0.09	0.09
-443	3.33	0.03	0.03
-439	10.22	0.10	0.10
-435	15.07	0.15	0.15
-431	3.46	0.03	0.03
-427	15.01	0.15	0.15
-423	20.17	0.20	0.20
-419	4.60	0.05	0.05
-415	19.70	0.20	0.20
-411	6.06	0.06	0.06
-407	21.37	0.21	0.21
-403	7.02	0.07	0.07
-399	7.67	0.08	0.08
-395	10.77	0.11	0.11
-391	6.34	0.06	0.06
-387	1.53	0.02	0.02
-383	23.67	0.24	0.24
-379	3.65	0.04	0.04
-375	9.36	0.09	0.09
-371	3.14	0.03	0.03
-367	3.63	0.04	0.04
-363	2.76	0.03	0.03
-359	17.64	0.18	0.18
-355	3.52	0.04	0.04
-351	1.18	0.01	0.01
-347	5.39	0.05	0.05
-343	11.04	0.11	0.11
-339	11.38	0.11	0.11
-334	18.25	0.18	0.18
-330	6.52	0.07	0.07
-326	7.95	0.08	0.08
-322	29.53	0.30	0.30
-318	6.75	0.07	0.07
-314	27.49	0.27	0.27
-310	8.04	0.08	0.08
-306	18.25	0.18	0.18
-301	23.66	0.24	0.24

-614	76.19	0.76	0.76
-610	6.76	0.07	0.07
-606	13.41	0.13	0.13
-602	37.53	0.38	0.38
-598	46.33	0.46	0.46
-594	3.26	0.03	0.03
-590	5.18	0.05	0.05
-586	18.03	0.18	0.18
-582	63.38	0.63	0.63
-578	43.93	0.44	0.44
-574	24.21	0.24	0.24
-570	59.10	0.59	0.59
-566	29.07	0.29	0.29
-562	67.03	0.67	0.67
-558	35.14	0.35	0.35
-554	51.34	0.51	0.51
-550	19.29	0.19	0.19
-546	9.13	0.09	0.09
-542	41.70	0.42	0.42
-538	56.12	0.56	0.56
-534	5.27	0.05	0.05
-530	4.73	0.05	0.05
-526	10.06	0.10	0.10
-522	11.14	0.11	0.11
-518	3.45	0.03	0.03
-514	3.06	0.03	0.03
-510	4.38	0.04	0.04
-506	18.74	0.19	0.19
-502	12.08	0.12	0.12
-498	15.73	0.16	0.16
-494	12.52	0.13	0.13
-490	11.35	0.11	0.11
-486	4.84	0.05	0.05
-482	4.51	0.05	0.05
-478	18.19	0.18	0.18
-474	9.46	0.09	0.09
-470	4.12	0.04	0.04
-466	10.75	0.11	0.11
-462	9.75	0.10	0.10
-458	1.71	0.02	0.02
-454	7.42	0.07	0.07
-450	13.72	0.14	0.14
-446	13.72	0.14	0.14
-442	5.80	0.06	0.06
-438	15.20	0.15	0.15
-434	3.34	0.03	0.03
-430	11.59	0.12	0.12
-426	7.55	0.08	0.08
-422	7.38	0.07	0.07
-418	4.78	0.05	0.05
-414	28.47	0.28	0.28
-410	19.74	0.20	0.20
-406	3.01	0.03	0.03
-402	2.58	0.03	0.03
-398	1.92	0.02	0.02
-394	5.03	0.05	0.05
-390	6.50	0.06	0.06
-386	12.45	0.12	0.12
-382	3.74	0.04	0.04
-378	2.69	0.03	0.03
-374	1.12	0.01	0.01
-370	20.77	0.21	0.21
-366	11.54	0.12	0.12
-362	0.54	0.01	0.01
-358	1.55	0.02	0.02
-354	0.44	0.00	0.00
-350	3.29	0.03	0.03
-346	12.20	0.12	0.12
-342	2.06	0.02	0.02
-338	18.95	0.19	0.19
-333	26.88	0.27	0.27
-329	6.66	0.07	0.07
-325	17.43	0.17	0.17
-321	5.29	0.05	0.05
-317	21.34	0.21	0.21
-313	38.78	0.39	0.39
-309	4.49	0.04	0.04
-305	1.99	0.02	0.02
-300	22.91	0.23	0.23

-613	17.42	0.17	0.17
-609	23.29	0.23	0.23
-605	13.55	0.14	0.14
-601	30.00	0.30	0.30
-597	67.57	0.68	0.68
-593	2.88	0.03	0.03
-589	3.46	0.03	0.03
-585	1.86	0.02	0.02
-581	15.65	0.16	0.16
-577	22.13	0.22	0.22
-573	44.53	0.45	0.45
-569	46.35	0.46	0.46
-565	41.89	0.42	0.42
-561	55.31	0.55	0.55
-557	19.74	0.20	0.20
-553	29.60	0.30	0.30
-549	62.73	0.63	0.63
-545	7.91	0.08	0.08
-541	51.54	0.52	0.52
-537	24.73	0.25	0.25
-533	17.53	0.18	0.18
-529	1.69	0.02	0.02
-525	17.13	0.17	0.17
-521	18.63	0.19	0.19
-517	3.45	0.03	0.03
-513	7.38	0.07	0.07
-509	10.36	0.10	0.10
-505	6.09	0.06	0.06
-501	1.32	0.01	0.01
-497	12.08	0.12	0.12
-493	3.18	0.03	0.03
-489	9.48	0.09	0.09
-485	2.74	0.03	0.03
-481	3.37	0.03	0.03
-477	4.38	0.04	0.04
-473	18.62	0.19	0.19
-469	3.45	0.03	0.03
-465	2.82	0.03	0.03
-461	4.91	0.05	0.05
-457	5.64	0.06	0.06
-453	12.95	0.13	0.13
-449	8.20	0.08	0.08
-445	2.99	0.03	0.03
-441	25.19	0.25	0.25
-437	12.38	0.12	0.12
-433	3.71	0.04	0.04
-429	7.45	0.07	0.07
-425	18.05	0.18	0.18
-421	10.66	0.11	0.11
-417	13.62	0.14	0.14
-413	16.39	0.16	0.16
-409	13.44	0.13	0.13
-405	3.08	0.03	0.03
-401	2.32	0.02	0.02
-397	2.26	0.02	0.02
-393	48.35	0.48	0.48
-389	5.62	0.06	0.06
-385	3.63	0.04	0.04
-381	5.25	0.05	0.05
-377	1.50	0.02	0.02
-373	3.38	0.03	0.03
-369	5.87	0.06	0.06
-365	10.62	0.11	0.11
-361	0.31	0.00	0.00
-357	10.77	0.11	0.11
-353	14.84	0.15	0.15
-349	9.21	0.09	0.09
-345	18.68	0.19	0.19
-341	5.68	0.06	0.06
-337	26.88	0.27	0.27
-332	5.86	0.06	0.06
-328	28.91	0.29	0.29
-324	10.48	0.10	0.10
-320	5.53	0.06	0.06
-316	29.40	0.29	0.29
-312	3.20	0.03	0.03
-308	4.03	0.04	0.04
-303	11.18	0.11	0.11
-299	3.77	0.04	0.04

-298	16.97	0.17	0.17	-297	4.22	0.04	0.04	-296	4.00	0.04	0.04	-295	0.33	0.00	0.00
-294	9.29	0.09	0.09	-293	18.31	0.18	0.18	-292	38.05	0.38	0.38	-291	18.98	0.19	0.19
-290	3.05	0.03	0.03	-289	8.11	0.08	0.08	-288	26.47	0.26	0.26	-287	15.23	0.15	0.15
-286	9.49	0.09	0.09	-285	28.66	0.29	0.29	-284	4.04	0.04	0.04	-283	8.72	0.09	0.09
-282	26.97	0.27	0.27	-281	19.26	0.19	0.19	-280	4.89	0.05	0.05	-279	3.61	0.04	0.04
-278	9.86	0.10	0.10	-277	2.01	0.02	0.02	-276	22.63	0.23	0.23	-275	44.69	0.45	0.45
-274	11.38	0.11	0.11	-272	4.21	0.04	0.04	-271	4.21	0.04	0.04	-270	5.53	0.06	0.06
-269	4.68	0.05	0.05	-268	15.48	0.15	0.15	-267	14.25	0.14	0.14	-266	8.72	0.09	0.09
-265	2.08	0.02	0.02	-264	6.14	0.06	0.06	-263	6.39	0.06	0.06	-262	0.60	0.01	0.01
-261	26.58	0.27	0.27	-260	47.47	0.47	0.47	-259	13.06	0.13	0.13	-257	4.10	0.04	0.04
-256	12.36	0.12	0.12	-255	10.77	0.11	0.11	-254	15.27	0.15	0.15	-253	15.48	0.15	0.15
-252	26.35	0.26	0.26	-251	17.82	0.18	0.18	-250	8.93	0.09	0.09	-249	38.76	0.39	0.39
-248	19.29	0.19	0.19	-247	7.74	0.08	0.08	-246	23.38	0.23	0.23	-245	11.18	0.11	0.11
-244	2.03	0.02	0.02	-243	4.96	0.05	0.05	-242	3.66	0.04	0.04	-241	0.72	0.01	0.01
-240	2.73	0.03	0.03	-239	11.00	0.11	0.11	-238	6.85	0.07	0.07	-237	2.71	0.03	0.03
-236	2.32	0.02	0.02	-235	4.01	0.04	0.04	-234	6.78	0.07	0.07	-233	1.70	0.02	0.02
-231	9.53	0.10	0.10	-230	2.61	0.03	0.03	-229	5.60	0.06	0.06	-228	4.97	0.05	0.05
-227	11.02	0.11	0.11	-226	3.21	0.03	0.03	-225	14.46	0.14	0.14	-224	2.19	0.02	0.02
-223	2.00	0.02	0.02	-222	8.42	0.08	0.08	-221	0.28	0.00	0.00	-220	7.92	0.08	0.08
-219	15.60	0.16	0.16	-218	1.53	0.02	0.02	-217	3.74	0.04	0.04	-216	2.76	0.03	0.03
-215	0.54	0.01	0.01	-214	43.34	0.43	0.43	-213	21.62	0.22	0.22	-212	3.47	0.03	0.03
-211	9.23	0.09	0.09	-210	30.15	0.30	0.30	-209	22.02	0.22	0.22	-208	15.48	0.15	0.15
-207	32.65	0.33	0.33	-206	4.60	0.05	0.05	-205	4.15	0.04	0.04	-204	16.75	0.17	0.17
-203	10.43	0.10	0.10	-202	4.71	0.05	0.05	-201	4.11	0.04	0.04	-200	6.11	0.06	0.06
-199	10.33	0.10	0.10	-198	2.58	0.03	0.03	-196	14.51	0.15	0.15	-195	8.62	0.09	0.09
-194	36.12	0.36	0.36	-193	46.44	0.46	0.46	-192	8.53	0.09	0.09	-191	9.93	0.10	0.10
-190	7.58	0.08	0.08	-189	29.95	0.30	0.30	-188	16.77	0.17	0.17	-187	4.89	0.05	0.05
-186	22.02	0.22	0.22	-185	30.71	0.31	0.31	-184	29.95	0.30	0.30	-183	3.34	0.03	0.03
-182	21.94	0.22	0.22	-181	5.57	0.06	0.06	-180	4.12	0.04	0.04	-179	11.23	0.11	0.11
-178	2.29	0.02	0.02	-177	16.24	0.16	0.16	-175	4.79	0.05	0.05	-174	3.04	0.03	0.03
-173	4.79	0.05	0.05	-172	26.29	0.26	0.26	-171	6.30	0.06	0.06	-170	5.33	0.05	0.05
-169	17.63	0.18	0.18	-168	16.22	0.16	0.16	-167	12.83	0.13	0.13	-166	0.42	0.00	0.00
-165	12.06	0.12	0.12	-164	23.76	0.24	0.24	-163	9.93	0.10	0.10	-162	2.37	0.02	0.02
-161	7.00	0.07	0.07	-160	13.63	0.14	0.14	-159	10.22	0.10	0.10	-158	4.45	0.04	0.04
-157	7.28	0.07	0.07	-156	0.68	0.01	0.01	-155	20.74	0.21	0.21	-153	4.67	0.05	0.05
-152	14.08	0.14	0.14	-151	12.27	0.12	0.12	-150	5.36	0.05	0.05	-149	15.44	0.15	0.15
-148	23.64	0.24	0.24	-147	4.25	0.04	0.04	-146	13.98	0.14	0.14	-145	2.60	0.03	0.03
-144	7.19	0.07	0.07	-143	32.10	0.32	0.32	-142	17.39	0.17	0.17	-141	23.98	0.24	0.24
-140	17.63	0.18	0.18	-139	34.01	0.34	0.34	-138	30.01	0.30	0.30	-136	20.29	0.20	0.20
-135	23.09	0.23	0.23	-134	34.01	0.34	0.34	-133	7.42	0.07	0.07	-132	12.55	0.13	0.13
-131	8.26	0.08	0.08	-130	10.17	0.10	0.10	-129	44.14	0.44	0.44	-128	26.85	0.27	0.27
-127	13.69	0.14	0.14	-126	26.63	0.27	0.27	-125	17.54	0.18	0.18	-124	10.99	0.11	0.11
-123	37.36	0.37	0.37	-122	6.69	0.07	0.07	-121	7.00	0.07	0.07	-120	28.74	0.29	0.29
-119	10.62	0.11	0.11	-118	29.08	0.29	0.29	-117	37.20	0.37	0.37	-116	10.84	0.11	0.11
-115	36.87	0.37	0.37	-114	49.07	0.49	0.49	-113	1.24	0.01	0.01	-112	3.03	0.03	0.03
-111	2.23	0.02	0.02	-110	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
%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		0.91	39.78	-28.76	0.11	0.00	0.34	0.00	0.00	0.00
2		0.65	39.78	2.99	0.10	0.00	0.00	0.00	0.00	0.00
3		0.42	6.13	-8.80	-1.79	0.00	0.03	0.00	0.00	0.00
4	*	0.39	6.13	1.10	-432.86	0.00	0.00	77.37	0.00	0.00
5	*	0.31	27.37	440.24	1.11	0.00	80.04	0.00	0.00	0.00
6		0.23	18.48	-5.29	0.04	0.00	0.01	0.00	0.00	0.00
7		0.19	18.48	-8.44	-8.52	0.00	0.03	0.03	0.00	0.00
8		0.14	9.74	1.76	0.39	0.00	0.00	0.00	0.00	0.00
9		0.13	5.70	-5.23	-0.22	0.00	0.01	0.00	0.00	0.00
10		0.12	1.68	10.40	2.10	0.00	0.04	0.00	0.00	0.00
11		0.12	1.68	-0.17	12.77	0.00	0.00	0.07	0.00	0.00
12		0.12	1.49	5.53	0.60	0.00	0.01	0.00	0.00	0.00
13		0.12	1.49	-3.60	0.01	0.00	0.01	0.00	0.00	0.00
14		0.10	1.02	9.20	-6.62	0.00	0.03	0.02	0.00	0.00
15		0.10	1.02	-40.13	-3.03	0.00	0.67	0.00	0.00	0.00

16		0.10	1.16	0.13	2.38	0.00	0.00	0.00	0.00	0.00
17	*	0.10	1.25	63.73	3.03	0.00	1.68	0.00	0.00	0.00
18		0.10	1.25	2.53	1.00	0.00	0.00	0.00	0.00	0.00
19		0.09	1.72	51.09	28.71	0.00	1.08	0.34	0.00	0.00
20	*	0.09	0.99	12.92	145.33	0.00	0.07	8.72	0.00	0.00
21		0.09	0.78	-11.92	11.81	0.00	0.06	0.06	0.00	0.00
22	*	0.09	0.78	74.23	-43.53	0.00	2.28	0.78	0.00	0.00
23		0.09	1.60	-44.96	-16.91	0.00	0.83	0.12	0.00	0.00
24		0.09	0.27	35.59	27.88	0.00	0.52	0.32	0.00	0.00
25		0.08	0.27	-18.43	18.72	0.00	0.14	0.14	0.00	0.00
26		0.08	1.18	49.18	-51.80	0.00	1.00	1.11	0.00	0.00
27		0.08	0.91	-1.79	-4.48	0.00	0.00	0.01	0.00	0.00
28		0.08	0.24	-13.07	-3.96	0.00	0.07	0.01	0.00	0.00
29		0.08	0.24	-4.09	-19.83	0.00	0.01	0.16	0.00	0.00
30	*	0.08	0.67	71.11	2.76	0.00	2.09	0.00	0.00	0.00
31		0.08	0.67	19.07	73.59	0.00	0.15	2.24	0.00	0.00
32		0.08	0.99	58.48	-31.39	0.00	1.41	0.41	0.00	0.00
33		0.08	0.50	-5.43	-7.55	0.00	0.01	0.02	0.00	0.00
34		0.08	0.50	18.48	-18.19	0.00	0.14	0.14	0.00	0.00
35		0.08	1.15	45.71	27.31	0.00	0.86	0.31	0.00	0.00
36		0.07	1.15	-5.83	-14.90	0.00	0.01	0.09	0.00	0.00
37		0.07	0.48	15.86	-28.21	0.00	0.10	0.33	0.00	0.00
38		0.07	0.48	-11.46	-19.67	0.00	0.05	0.16	0.00	0.00
39		0.07	0.63	-4.99	-5.10	0.00	0.01	0.01	0.00	0.00
40		0.07	0.47	-0.58	8.69	0.00	0.00	0.03	0.00	0.00
41		0.07	0.46	-17.32	3.26	0.00	0.12	0.00	0.00	0.00
42		0.07	0.38	5.96	-9.11	0.00	0.01	0.03	0.00	0.00
43		0.07	0.38	-6.70	17.06	0.00	0.02	0.12	0.00	0.00
44		0.07	0.75	-1.03	21.01	0.00	0.00	0.18	0.00	0.00
45		0.07	0.75	0.77	23.14	0.00	0.00	0.22	0.00	0.00
46		0.07	0.71	-15.88	-10.10	0.00	0.10	0.04	0.00	0.00
47		0.07	0.05	3.21	1.18	0.00	0.00	0.00	0.00	0.00
48		0.07	0.05	28.86	-1.81	0.00	0.34	0.00	0.00	0.00
49		0.07	1.23	2.75	-1.84	0.00	0.00	0.00	0.00	0.00
50		0.06	0.49	-9.98	-0.23	0.00	0.04	0.00	0.00	0.00
51		0.06	0.49	0.51	2.48	0.00	0.00	0.00	0.00	0.00
52		0.06	0.41	-9.19	-5.12	0.00	0.03	0.01	0.00	0.00
53		0.06	0.13	-0.91	-0.13	0.00	0.00	0.00	0.00	0.00
54		0.06	0.13	8.01	2.79	0.00	0.03	0.00	0.00	0.00
55		0.06	0.73	10.55	9.06	0.00	0.05	0.03	0.00	0.00
56		0.06	0.73	-11.75	3.52	0.00	0.06	0.01	0.00	0.00
57		0.06	0.93	-7.26	-6.84	0.00	0.02	0.02	0.00	0.00
58		0.06	0.93	-1.58	-14.00	0.00	0.00	0.08	0.00	0.00
59		0.06	1.03	-2.14	-3.90	0.00	0.00	0.01	0.00	0.00
60		0.06	1.03	-9.43	9.93	0.00	0.04	0.04	0.00	0.00
Tot.cons.							86.15	86.89	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	14.64	14.64
2	20.46	20.46
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	25.30	25.30
9	25.30	25.30
10	25.30	25.30
11	25.30	25.30
12	25.30	25.30
13	25.30	25.30
14	25.30	25.30
15	25.30	25.30
16	25.30	25.30
17	25.30	25.30
18	25.30	25.30
19	25.30	25.30
20	25.30	25.30
21	25.30	25.30
22	25.30	25.30

23	25.30	25.30
24	25.30	25.30
25	25.30	25.30
26	25.30	25.30
27	25.30	25.30
28	25.30	25.30
29	25.30	25.30
30	25.30	25.30
31	25.30	25.30
32	25.30	25.30
33	25.30	25.30
34	25.30	25.30
35	25.30	25.30
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

Stato limite di salvaguardia della vita

Modo	Sx	Sy
1	12.40	12.40
2	17.33	17.33
3	20.96	20.96
4	20.96	20.96
5	20.96	20.96
6	22.77	22.77
7	25.80	25.80
8	25.80	25.80
9	25.80	25.80
10	25.80	25.80
11	25.80	25.80
12	25.80	25.80
13	25.80	25.80
14	25.80	25.80
15	25.80	25.80
16	25.80	25.80
17	25.80	25.80
18	25.80	25.80
19	25.80	25.80
20	25.80	25.80
21	25.80	25.80
22	25.80	25.80
23	25.80	25.80
24	25.80	25.80
25	25.80	25.80
26	25.80	25.80
27	25.80	25.80
28	25.80	25.80
29	25.80	25.80
30	25.80	25.80
31	25.80	25.80
32	25.80	25.80
33	25.80	25.80
34	25.80	25.80
35	25.80	25.80
36	25.80	25.80
37	25.80	25.80
38	25.80	25.80

39	25.80	25.80
40	25.80	25.80
41	25.80	25.80
42	25.80	25.80
43	25.80	25.80
44	25.68	25.68
45	25.60	25.60
46	25.38	25.38
47	25.31	25.31
48	25.30	25.30
49	25.14	25.14
50	25.01	25.01
51	24.96	24.96
52	24.91	24.91
53	24.87	24.87
54	24.85	24.85
55	24.75	24.75
56	24.68	24.68
57	24.58	24.58
58	24.49	24.49
59	24.37	24.37
60	24.28	24.28

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
-2203	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2203	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2202	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2202	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-2201	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2201	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2200	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2200	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2199	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2199	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	1
-2198	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2198	Min.	-0.01	1	-0.02	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-2197	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2197	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-2196	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2196	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-2195	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2195	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-2194	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2194	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2193	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2193	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2192	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2192	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2191	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2191	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2190	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2190	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2189	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-2189	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-2188	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2188	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2187	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2187	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2186	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2186	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2185	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2185	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2184	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2184	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2183	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2183	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1

-2182	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2182	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2181	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-2181	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2180	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-2180	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2179	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-2179	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2178	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-2178	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2177	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	5	0.00	1
-2177	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	5	0.00	1
-2176	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-2176	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2175	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-2175	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2174	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2174	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2173	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2173	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2172	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2172	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2171	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2171	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2170	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2170	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2169	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2169	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2168	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2168	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2167	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2167	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2166	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2166	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2165	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2165	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2164	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2164	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2163	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2163	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2162	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-2162	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2161	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2161	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2160	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2160	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2159	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2159	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2158	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2158	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2157	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2157	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2156	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-2156	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-2155	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2155	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2154	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-2154	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-2153	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-2153	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-2152	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2152	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2151	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-2151	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-2150	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-2150	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2149	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2149	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-2148	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2148	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2147	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2147	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2146	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2146	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2145	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2145	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2144	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2144	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2143	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1

-2143	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2142	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-2142	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2141	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-2141	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2140	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-2140	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2139	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-2139	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2138	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-2138	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2137	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-2137	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2136	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2136	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2135	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2135	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2134	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-2134	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2133	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-2133	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2132	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-2132	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2131	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-2131	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2130	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-2130	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-2129	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-2129	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2128	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-2128	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2127	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-2127	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-2126	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-2126	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-2125	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2125	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2124	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2124	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2123	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2123	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2122	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2122	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2121	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2121	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2120	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-2120	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-2119	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-2119	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-2118	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-2118	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2117	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-2117	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2116	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2116	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2115	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2115	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2114	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2114	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2113	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2113	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2112	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2112	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2111	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2111	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2110	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2110	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2109	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2109	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2108	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2108	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2107	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2107	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2106	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2106	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2105	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-2105	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2104	Max	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
-2104	Min.	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1

-2103	Max	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
-2103	Min.	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
-2102	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2102	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-2101	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2101	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2100	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2100	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2099	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2099	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2098	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-2098	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2097	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-2097	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2096	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-2096	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2095	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-2095	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2094	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2094	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2093	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2093	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2092	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-2092	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2091	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-2091	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2090	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-2090	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2089	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-2089	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2088	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-2088	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-2087	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-2087	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2086	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-2086	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2085	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-2085	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2084	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-2084	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2083	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2083	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2082	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2082	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2081	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-2081	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2080	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-2080	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2079	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2079	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2078	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2078	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2077	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2077	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2076	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-2076	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2075	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2075	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2074	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-2074	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2073	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-2073	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-2072	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2072	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2071	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2071	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-2070	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2070	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2069	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2069	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-2068	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2068	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2067	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2067	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.00	1
-2066	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2066	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2065	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2065	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	1	0.00	1
-2064	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1

-2064	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2063	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2063	Min.	0.00	1	0.00	1	-0.01	12	-0.00	5	0.00	1	0.00	1
-2062	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.01	1	0.00	1
-2062	Min.	-0.02	1	-0.02	5	-0.01	9	-0.00	5	-0.01	1	-0.00	1
-2061	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-2061	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.01	1	0.00	5
-2060	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-2060	Min.	-0.02	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-2059	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-2059	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-2058	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2058	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2057	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-2057	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-2056	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2056	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2055	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2055	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2054	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2054	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2053	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2053	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2052	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	5
-2052	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2051	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2051	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2050	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-2050	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2049	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-2049	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2047	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2047	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2045	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2045	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2044	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2044	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2042	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2042	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-2040	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-2040	Min.	-0.01	1	-0.02	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-2039	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-2039	Min.	-0.01	1	-0.02	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-2038	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2038	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2037	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-2037	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2036	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-2036	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-2035	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2035	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2034	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2034	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2033	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2033	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2032	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2032	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2031	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2031	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2030	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2030	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2029	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2029	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2028	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2028	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2027	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2027	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2026	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-2026	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2025	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2025	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2024	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2024	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2023	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2023	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2022	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-2022	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2021	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-2021	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1

-2020	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2020	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2019	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2019	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2018	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2018	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2017	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2017	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	1	0.00	1
-2016	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-2016	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-2015	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2015	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	1	0.00	1
-2014	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2014	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2013	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2013	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2012	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2012	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2011	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-2011	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2010	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2010	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2009	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2009	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2008	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2008	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2007	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2007	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-2006	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2006	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	-0.00	1
-2005	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-2005	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-2004	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2004	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-2003	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2003	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-2002	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-2002	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-2001	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-2001	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-2000	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-2000	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1999	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-1999	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1998	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-1998	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1997	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-1997	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1996	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-1996	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1995	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-1995	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1994	Max	0.02	1	0.05	5	0.00	5	0.00	5	0.00	5	0.02	1
-1994	Min.	-0.02	1	-0.05	5	-0.02	5	-0.00	5	-0.00	5	-0.02	1
-1993	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1993	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1992	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1992	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-1991	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1991	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1990	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1990	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-1989	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1989	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1988	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1988	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1987	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1987	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1986	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1986	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1985	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1985	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1984	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1984	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1983	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1983	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1982	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1982	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1981	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1

-1981	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1980	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.02	1
-1980	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.02	1
-1979	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	5	0.02	1
-1979	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.02	1
-1978	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	5
-1978	Min.	-0.03	1	-0.04	5	-0.02	10	0.00	5	-0.00	5	0.00	5
-1977	Max	0.01	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.02	1
-1977	Min.	-0.01	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.02	1
-1976	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1976	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1975	Max	0.01	1	0.04	5	-0.00	5	0.00	5	0.00	5	0.02	1
-1975	Min.	-0.01	1	-0.04	5	-0.02	5	-0.00	5	-0.00	5	-0.02	1
-1973	Max	0.01	1	0.05	5	-0.00	5	0.01	5	0.00	1	0.02	1
-1973	Min.	-0.01	1	-0.05	5	-0.02	5	-0.01	5	-0.00	1	-0.02	1
-1972	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	5
-1972	Min.	-0.03	1	-0.04	5	-0.02	10	0.00	5	-0.00	5	0.00	5
-1971	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.02	1
-1971	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.02	1
-1970	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	5	0.00	5
-1970	Min.	-0.02	1	-0.03	5	-0.01	12	-0.00	5	-0.00	5	0.00	5
-1969	Max	0.01	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1969	Min.	-0.01	1	-0.03	5	-0.01	5	-0.00	5	-0.00	1	-0.01	1
-1968	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1968	Min.	-0.03	1	-0.04	5	-0.02	10	0.00	5	-0.00	1	0.00	1
-1967	Max	0.02	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1967	Min.	-0.02	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	0.00	5
-1966	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1966	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	5
-1965	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1965	Min.	-0.03	1	-0.04	5	-0.02	10	0.00	5	-0.00	1	0.00	5
-1964	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1964	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	5
-1963	Max	0.02	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1963	Min.	-0.02	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	0.00	1
-1962	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1962	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-1961	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1961	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-1960	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1960	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-1959	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1959	Min.	-0.01	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	0.00	5
-1958	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-1958	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	1	0.00	1
-1957	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1957	Min.	-0.01	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	0.00	5
-1956	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1956	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-1955	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1955	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-1954	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1954	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-1953	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1953	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-1952	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1952	Min.	-0.03	1	-0.04	5	-0.02	10	0.00	5	-0.00	1	0.00	5
-1951	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1951	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	5
-1950	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1950	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	5
-1949	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1949	Min.	-0.03	1	-0.04	5	-0.02	10	0.00	5	-0.00	1	0.00	5
-1948	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1948	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	5
-1947	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1947	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	5
-1946	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1946	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-1945	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1945	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-1944	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1944	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-1943	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1943	Min.	-0.01	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	0.00	5
-1942	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1942	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-1941	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1941	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	5

-1940	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1940	Min.	-0.01	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	0.00	1
-1939	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1939	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-1938	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1938	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-1937	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-1937	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	-0.00	1	0.00	1
-1932	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1932	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1931	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1931	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1930	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1930	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1929	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1929	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1928	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1928	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1927	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1927	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1926	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1926	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1925	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1925	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1924	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1924	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1923	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1923	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1922	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1922	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1921	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1921	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1920	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1920	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1919	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1919	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1918	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1918	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1917	Max	0.02	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1917	Min.	-0.02	1	-0.03	5	-0.02	1	-0.01	5	-0.00	1	0.00	5
-1916	Max	0.02	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1916	Min.	-0.02	1	-0.04	5	-0.02	1	-0.01	5	-0.00	1	0.00	5
-1912	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1912	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1911	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1911	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1910	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1910	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1909	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1909	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1908	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1908	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1907	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1907	Min.	-0.03	1	-0.05	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1906	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1906	Min.	-0.03	1	-0.05	5	-0.02	10	-0.00	5	0.00	1	0.00	5
-1905	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1905	Min.	-0.03	1	-0.05	5	-0.02	1	0.00	5	0.00	1	0.00	1
-1904	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1904	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1903	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1903	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1902	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1902	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1901	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1901	Min.	-0.03	1	-0.05	5	-0.02	12	-0.00	5	0.00	1	0.00	1
-1900	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1900	Min.	-0.03	1	-0.05	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1899	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1899	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1898	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1898	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1897	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1897	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1896	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1896	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1895	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1895	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1894	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5

-1894	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1893	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1893	Min.	-0.03	1	-0.05	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1892	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1892	Min.	-0.03	1	-0.05	5	-0.02	9	-0.00	5	0.00	1	0.00	5
-1891	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1891	Min.	-0.03	1	-0.05	5	-0.02	9	-0.00	5	0.00	1	0.00	5
-1890	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1890	Min.	-0.03	1	-0.05	5	-0.02	10	-0.00	5	0.00	1	0.00	5
-1889	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1889	Min.	-0.03	1	-0.05	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1888	Max	0.03	1	0.05	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1888	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1887	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1887	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1886	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1886	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1885	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1885	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1884	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1884	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1883	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1883	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1882	Max	0.03	1	0.05	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1882	Min.	-0.03	1	-0.05	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1881	Max	0.03	1	0.05	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1881	Min.	-0.03	1	-0.05	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1880	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1880	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1879	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1879	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1878	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1878	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1877	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1877	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1876	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1876	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1875	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1875	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1874	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1874	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1873	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1873	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1872	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1872	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1871	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1871	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1870	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1870	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1869	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1869	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1868	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1868	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1867	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1867	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1866	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1866	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1865	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1865	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1864	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1864	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1863	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1863	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1862	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1862	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1861	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1861	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1860	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1860	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1859	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1859	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1858	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1858	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1857	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1857	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1856	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1856	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1855	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1855	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1

-1854	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1854	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1853	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1853	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1852	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1852	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1851	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1851	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1850	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1850	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1849	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1849	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1848	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1848	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1847	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1847	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1846	Max	0.03	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	11	-0.00	5	-0.00	1	0.00	5
-1845	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1845	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1844	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1844	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	5
-1843	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1843	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1842	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1842	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1841	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1841	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1840	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1840	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1839	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1839	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1838	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1838	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1837	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1837	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1836	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1836	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1835	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1835	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1834	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1834	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1833	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1833	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1832	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1832	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1831	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1831	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	0.00	1	0.00	5
-1830	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1830	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	0.00	1	0.00	5
-1829	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1829	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	0.00	1	0.00	5
-1828	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1828	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1827	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1827	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	5
-1826	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1826	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1825	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1825	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	5
-1824	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1824	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1823	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1823	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1822	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1822	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1821	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1821	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1820	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1820	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1819	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1819	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1818	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1818	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	0.00	1	0.00	1
-1817	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	5
-1817	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	5	0.00	5
-1816	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1816	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1815	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5

-1815	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1814	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1814	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1813	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1813	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1812	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1812	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1811	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1811	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1810	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1810	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	0.00	5
-1809	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1809	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1808	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1808	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1807	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1807	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1806	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1806	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1805	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1805	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1804	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1804	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1803	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1803	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1802	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1802	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1801	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1801	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1800	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1800	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1799	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1799	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1798	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1798	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1797	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1797	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1796	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1796	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1795	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1795	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1794	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1794	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1793	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1793	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1792	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1792	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1791	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1791	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1790	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1790	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1789	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1789	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1788	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1788	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1787	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1787	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1786	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1786	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1785	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1785	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1784	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1784	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1783	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1783	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1782	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1782	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1781	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1781	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1780	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1780	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1779	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1779	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1778	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1778	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1777	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	5	0.00	1
-1777	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	5	0.00	1
-1776	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1776	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5

-1775	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1775	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1774	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1774	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1773	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1773	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1772	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1772	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1771	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1771	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1770	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1770	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1769	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1769	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1768	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1768	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1767	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1767	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1766	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1766	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1765	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1765	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1764	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1764	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1763	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1763	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1762	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1762	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1761	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1761	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1760	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1760	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1759	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1759	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1758	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1758	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1757	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1757	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1756	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1756	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1755	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1755	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1754	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1754	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1753	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1753	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1752	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1752	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1751	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1751	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1750	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1750	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1749	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1749	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1748	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1748	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1747	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1747	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1746	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1746	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1745	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1745	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1744	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1744	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1743	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1743	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1742	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1742	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1741	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1741	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1740	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1740	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1739	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1739	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	5
-1738	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1738	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1737	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1737	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1736	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1

-1736	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1735	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1735	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1734	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1734	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1733	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1733	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1732	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1732	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1731	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1731	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1730	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1730	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1729	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1729	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1728	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1728	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1727	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1727	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1726	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1726	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1725	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1725	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1724	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1724	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	1
-1723	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1723	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1722	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1722	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1721	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1721	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1720	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1720	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1719	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1719	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1718	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1718	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1717	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1717	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1716	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1716	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1715	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1715	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1714	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1714	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1713	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1713	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	0.00	1	0.00	1
-1712	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	5
-1712	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	5	0.00	5
-1711	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1711	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1710	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1710	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1709	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1709	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1708	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1708	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1707	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1707	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1706	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1706	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1705	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1705	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	0.00	5
-1704	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1704	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1703	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1703	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1702	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1702	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1701	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1701	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1700	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1700	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1699	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1699	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1698	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1698	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1697	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1697	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5

-1696	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1696	Min.	-0.03	1	-0.04	5	-0.02	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	1
-1695	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1694	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1694	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1693	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1693	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1692	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1692	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1691	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1691	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1690	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1690	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1689	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1689	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1688	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1688	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1687	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1687	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1686	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1686	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1685	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1685	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1684	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1684	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1683	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1683	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1682	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1682	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1681	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1681	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1680	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1680	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1679	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1679	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1678	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1678	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1677	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1677	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1676	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1676	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1675	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1675	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1674	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1674	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1673	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1673	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1672	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1672	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1671	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1671	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1670	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1670	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1669	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1669	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1668	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1668	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1667	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1667	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1666	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1666	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1665	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1665	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1664	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1664	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1663	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1663	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1662	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1662	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1661	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1661	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1660	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1660	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1659	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1659	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1658	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1658	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1657	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5

-1657	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1656	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1656	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1655	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1655	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1654	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1654	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1653	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1653	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1652	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1652	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1651	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1651	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1650	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1650	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1649	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1649	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1648	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1648	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1647	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1647	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1646	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1646	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1645	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1645	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1644	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1644	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1643	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1643	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1642	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1642	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1641	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1641	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1640	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1640	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1639	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1639	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1638	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1638	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1637	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1637	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1636	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1636	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1635	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1635	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1634	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1634	Min.	-0.03	1	-0.04	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	1
-1633	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1632	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1632	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1631	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1631	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1630	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1630	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1629	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1629	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1628	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1628	Min.	-0.03	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1627	Max	0.03	1	0.04	5	-0.01	1	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	0.03	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	0.00	1
-1625	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1625	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	5
-1624	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1624	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1623	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1623	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1622	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1622	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1621	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1621	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1620	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1620	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1619	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1619	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1618	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1618	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1

-1617	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1617	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	0.00	1	0.00	1
-1616	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1616	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1615	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1615	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1614	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1614	Min.	-0.03	1	-0.04	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.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1612	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1612	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1611	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1611	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1610	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1610	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1609	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1609	Min.	-0.03	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	0.00	5
-1608	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1608	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1607	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1607	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1606	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1606	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1605	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1605	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1604	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1604	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1603	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1603	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1602	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1602	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1601	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1601	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1600	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1600	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1599	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1599	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1598	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1598	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1597	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1597	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1596	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1596	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1595	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1595	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1594	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1594	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1593	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1593	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1592	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1592	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1591	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1591	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1590	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1590	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1589	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1589	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1588	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1588	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1587	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1587	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1586	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1586	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1585	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1585	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1584	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1584	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1583	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1583	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1582	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1582	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1581	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1581	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1580	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1580	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1579	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1579	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1578	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1

-1578	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1577	Max	0.03	1	0.04	5	0.01	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	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1576	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1575	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1575	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1574	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1574	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1573	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1573	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1572	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1572	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1571	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1571	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1570	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1570	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1569	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1569	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1568	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1568	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1567	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1567	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1566	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1566	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1565	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1565	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1564	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1564	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1563	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1563	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1562	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1562	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1561	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1561	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1560	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1560	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1559	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1559	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1558	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1558	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1557	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1557	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1556	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1556	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1555	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1555	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1554	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1554	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1553	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1553	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1552	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1552	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1551	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1551	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1550	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1550	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1549	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1549	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1548	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1548	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1547	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1547	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1546	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1546	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1545	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1545	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1544	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1544	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1543	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1543	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1542	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1542	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1541	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1541	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1540	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1540	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1539	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1539	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	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	1
-1538	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-1537	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1537	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1536	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1536	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1535	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1535	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1534	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1534	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1533	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1533	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1532	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1532	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1531	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	5	0.00	5
-1531	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	5	0.00	5
-1530	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1530	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1529	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1529	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1528	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1528	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1527	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1527	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1526	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1526	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1525	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1525	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1524	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1524	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1523	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1523	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1522	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1522	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1521	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1521	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1520	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1520	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1519	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1519	Min.	-0.03	1	-0.04	5	-0.02	10	-0.00	5	0.00	1	0.00	1
-1518	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1518	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1517	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1517	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1516	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1516	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1515	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1515	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1514	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1514	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1513	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1513	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1512	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	5	0.00	5
-1512	Min.	-0.03	1	-0.04	5	-0.02	1	0.00	5	0.00	5	0.00	5
-1511	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1511	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1510	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1510	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1509	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1509	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1508	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1508	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1507	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1507	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1506	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1506	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1505	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1505	Min.	-0.02	1	-0.04	5	-0.02	12	-0.00	5	-0.00	1	0.00	5
-1504	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1504	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	5
-1503	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1503	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1502	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1502	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1501	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1501	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1500	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1500	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1499	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1

-1499	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1498	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1498	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1497	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1497	Min.	-0.03	1	-0.04	5	-0.02	1	-0.00	5	0.00	1	0.00	1
-1496	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1496	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1495	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1495	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1494	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1494	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1493	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1493	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1492	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1492	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1491	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1491	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1490	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1490	Min.	-0.03	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1489	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1489	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1488	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1488	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1487	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1487	Min.	-0.02	1	-0.04	5	-0.03	5	-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.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1485	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1485	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1484	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1484	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1483	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1483	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1482	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1482	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1481	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1481	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1480	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1480	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1479	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1479	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1478	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1478	Min.	-0.02	1	-0.04	5	-0.03	5	-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	1
-1477	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1476	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1476	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1475	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1475	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1474	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1474	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1473	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1473	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1472	Max	0.03	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1472	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1471	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1471	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1470	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1470	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1469	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1469	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1468	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1468	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1467	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1467	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1466	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1466	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1465	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1465	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1464	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1464	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1463	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1463	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1462	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1462	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1461	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1461	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1460	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1460	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1

-1459	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1459	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1458	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1458	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1457	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1457	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1456	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1456	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1455	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1455	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1454	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1454	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1453	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1453	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1452	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1452	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1451	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1451	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1450	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1450	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1449	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1449	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1448	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1448	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1447	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1447	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1446	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1446	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1445	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1445	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1444	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1444	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1443	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1443	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1442	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1442	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1441	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1441	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1440	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1440	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1439	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1439	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1438	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1438	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1437	Max	0.03	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1437	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1436	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1436	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1434	Max	0.03	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1434	Min.	-0.03	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1433	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1433	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1432	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1432	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1431	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1431	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1430	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1430	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1429	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1429	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1428	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1428	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1427	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1427	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1426	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1426	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1425	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1425	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1424	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1424	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1423	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1423	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1422	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1422	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1421	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1421	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1420	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1420	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1419	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1

-1419	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1418	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1418	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-1417	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1417	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1416	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1416	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1415	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1415	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1414	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1414	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1413	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1413	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1412	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1412	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1411	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1411	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1410	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1410	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1409	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1409	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1408	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1408	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-1407	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1407	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1406	Max	0.03	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1406	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1405	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1405	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1404	Max	0.03	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1404	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1403	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1403	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1402	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1402	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1401	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1401	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1400	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1400	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1399	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1399	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1398	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1398	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1397	Max	0.02	1	0.04	5	0.01	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	0.01	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	0.01	5	0.00	5	0.00	1	0.00	1
-1395	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1394	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1394	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1393	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1393	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1392	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1392	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1391	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1391	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1390	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1390	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1389	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1389	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1388	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1388	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1387	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1387	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1386	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1386	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1385	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1385	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1384	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1384	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1383	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1383	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1382	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1382	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1381	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1381	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1380	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1380	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5

-1379	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1379	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1378	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1378	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1377	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1377	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1376	Max	0.03	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1376	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1375	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1375	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1374	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1374	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1373	Max	0.03	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1373	Min.	-0.03	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1372	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1372	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1371	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1371	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-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
-1368	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1368	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-1367	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1367	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1366	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1366	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1365	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1365	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1364	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1364	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1363	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1363	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1362	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1362	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1361	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1361	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1360	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1360	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1359	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1359	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1358	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1358	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1357	Max	0.02	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1357	Min.	-0.02	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	-0.00	5
-1356	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1356	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	-0.00	1
-1355	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1355	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1354	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1354	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1353	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1353	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1352	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1352	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1351	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1351	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1350	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1350	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1349	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1349	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1348	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1348	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1347	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1347	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1346	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1346	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1345	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1345	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1344	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1344	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1343	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1343	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1342	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1342	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1341	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1341	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1340	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1340	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1339	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5

-1339	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1338	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1338	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1337	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1337	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1336	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1336	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1335	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1335	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1334	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1334	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1333	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1333	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1332	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1332	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1331	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1331	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	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	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1329	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1329	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1328	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1328	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1327	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1327	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1326	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1326	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1325	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1325	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1324	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1324	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1323	Max	0.02	1	0.04	5	0.01	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	0.01	5	0.00	5	0.00	1	0.00	5
-1322	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1321	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1321	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1320	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1320	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1319	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1319	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1318	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1318	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1317	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1317	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1316	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1316	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1315	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1315	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1314	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1314	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1313	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1313	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1312	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1312	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1311	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1311	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1310	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1310	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1309	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1309	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1308	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	5
-1308	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1307	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1307	Min.	-0.02	1	-0.04	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1305	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1305	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1304	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1304	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1303	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1303	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1302	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1302	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1301	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1301	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1300	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1300	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1299	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1299	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5

-1298	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1298	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1297	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1297	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1296	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1296	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1295	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1295	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1294	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1294	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1293	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1293	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1292	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1292	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1291	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1291	Min.	-0.02	1	-0.04	5	-0.02	9	-0.00	5	-0.00	1	0.00	1
-1290	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1290	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1289	Max	0.02	1	0.04	5	-0.01	1	0.01	5	0.00	1	0.00	5
-1289	Min.	-0.02	1	-0.04	5	-0.02	10	-0.01	5	-0.00	1	0.00	5
-1288	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1288	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1287	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1287	Min.	-0.02	1	-0.04	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1286	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1286	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1285	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1285	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1284	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1284	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1283	Max	0.02	1	0.03	5	0.00	1	0.01	5	0.00	1	0.00	1
-1283	Min.	-0.02	1	-0.03	5	-0.02	1	-0.01	5	-0.00	1	0.00	1
-1282	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1282	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1281	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1281	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1280	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1280	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1279	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1279	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1278	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1278	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1277	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1277	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1276	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1276	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1275	Max	0.02	1	0.04	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1275	Min.	-0.02	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	0.00	5
-1274	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1274	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1273	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1273	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1272	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1272	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1271	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1271	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1270	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1270	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1269	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1269	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1268	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1268	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1267	Max	0.02	1	0.04	5	0.00	1	0.00	5	0.00	1	0.00	1
-1267	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1266	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1266	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1265	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1265	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1264	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1264	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1263	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1263	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1262	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1262	Min.	-0.02	1	-0.04	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1261	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1261	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1260	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1260	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1259	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1

-1259	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1258	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1258	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1257	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1257	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1256	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1256	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1255	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1255	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1254	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1254	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1253	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1253	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1252	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1252	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1251	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1251	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1250	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1250	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1249	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1249	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1248	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1248	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1247	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1247	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1246	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1246	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1245	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1245	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1244	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1244	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1243	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1243	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1242	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1242	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1241	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1241	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1240	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1240	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1239	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1239	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1238	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1238	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1237	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1237	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1236	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1236	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1235	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1235	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1234	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1234	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1233	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1233	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1232	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1232	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1231	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1231	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1230	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1230	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1229	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	5
-1229	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1228	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1228	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1227	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1227	Min.	-0.02	1	-0.04	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1226	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1226	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1225	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1225	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1224	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1224	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1223	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1223	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1222	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	1
-1222	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1221	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1221	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1220	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1220	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5

-1219	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1219	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1218	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1218	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1217	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1217	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1216	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1216	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1215	Max	0.02	1	0.04	5	0.00	5	0.00	5	0.00	1	0.00	1
-1215	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1214	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1214	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1213	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1213	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1212	Max	0.02	1	0.04	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1212	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-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	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1210	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1210	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1209	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1209	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1208	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1208	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1207	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1207	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1206	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1206	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1204	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1204	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1203	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1203	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1202	Max	0.02	1	0.03	5	-0.00	1	0.01	5	0.00	1	0.00	1
-1202	Min.	-0.02	1	-0.03	5	-0.02	1	-0.01	5	-0.00	1	0.00	1
-1201	Max	0.02	1	0.03	5	-0.01	5	0.01	5	0.00	1	0.00	1
-1201	Min.	-0.02	1	-0.03	5	-0.02	11	-0.01	5	-0.00	1	0.00	1
-1200	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1200	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1199	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1199	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1198	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1198	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1197	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1197	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1196	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1196	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1195	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-1195	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1194	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1194	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1193	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1193	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1192	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1192	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1191	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1191	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	0.00	1
-1190	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1190	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	0.00	1
-1189	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1189	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1188	Max	0.02	1	0.03	5	-0.01	1	0.01	5	0.00	1	0.00	1
-1188	Min.	-0.02	1	-0.03	5	-0.02	10	-0.01	5	-0.00	1	0.00	1
-1187	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1187	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1186	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1186	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1185	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1185	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1184	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1184	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1183	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1183	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1182	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1182	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1181	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1181	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1180	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1180	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1179	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1

-1179	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1178	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1178	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1177	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1177	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1176	Max	0.02	1	0.04	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1176	Min.	-0.02	1	-0.04	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1175	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1175	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1174	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1174	Min.	-0.02	1	-0.03	5	-0.02	12	-0.00	5	-0.00	1	0.00	5
-1173	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1173	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1172	Max	0.02	1	0.04	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1172	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1171	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1171	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1170	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1170	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1169	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1169	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1168	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1168	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1167	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1167	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1166	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1166	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1165	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1165	Min.	-0.02	1	-0.03	5	-0.02	1	-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	1
-1164	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-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	-0.02	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	0.00	5	0.00	5	0.00	1	0.00	1
-1161	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1160	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1160	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1159	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1159	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1158	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1158	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1157	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1157	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1156	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1156	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1155	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1155	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1154	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1154	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1153	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1153	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1152	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1152	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1151	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1151	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1150	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1150	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1149	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1149	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1148	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1148	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	1
-1147	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1147	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1146	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1146	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1145	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1145	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1144	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1144	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1143	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1143	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1142	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1142	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1141	Max	0.02	1	0.04	5	0.01	5	0.00	5	0.00	1	0.00	5
-1141	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1140	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1140	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1

-1139	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1139	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1138	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1138	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1137	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1137	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1136	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1136	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1135	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1135	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1134	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1134	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1133	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1133	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1132	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1132	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1131	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1131	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1130	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1130	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1129	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1129	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1128	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1128	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1127	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1127	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1126	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1126	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1125	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1125	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1124	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1124	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1123	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1123	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1122	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1122	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1121	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1121	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1120	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1120	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1119	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1119	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1118	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1118	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1117	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1117	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1116	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1116	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1115	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1115	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1114	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1114	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1113	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1113	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1112	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1112	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1111	Max	0.01	1	0.03	5	0.00	5	0.00	5	0.00	1	0.02	1
-1111	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.02	1
-1110	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1110	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1109	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1109	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1108	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1108	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1107	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1107	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1106	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1106	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1105	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1105	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1104	Max	0.01	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.01	1
-1104	Min.	-0.01	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	-0.01	1
-1103	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1103	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	5
-1102	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1102	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1101	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1101	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	5
-1100	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1

-1100	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-1099	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1099	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1098	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1098	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1097	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1097	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1096	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1096	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	5
-1095	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1095	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1094	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1094	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1093	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1093	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1092	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1092	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1091	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1091	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1090	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1090	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	5
-1089	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-1089	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1088	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1088	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1087	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1087	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1086	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1086	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1085	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1085	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	0.00	5
-1084	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1084	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1083	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1083	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	5
-1082	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1082	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-1081	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1081	Min.	-0.02	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-1080	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1080	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-1079	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1079	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1078	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1078	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1077	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1077	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1076	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1076	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1075	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1075	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1074	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-1074	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1073	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1073	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-1072	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1072	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1071	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1071	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1070	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1070	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1069	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1069	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-1068	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-1068	Min.	-0.02	1	-0.03	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-1067	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-1067	Min.	-0.02	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-1066	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1066	Min.	-0.02	1	-0.03	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-1065	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1065	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1064	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1064	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1063	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1063	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1062	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1062	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1061	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-1061	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5

-1060	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-1060	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1059	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1059	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1058	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1058	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1057	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-1057	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-1056	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1056	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1055	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1055	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1054	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1054	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1053	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1053	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1052	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1052	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1051	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1051	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1050	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1050	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1049	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1049	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-1048	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1048	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1047	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1047	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1046	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1046	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1045	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1045	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1044	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1044	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1043	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1043	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1042	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1042	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1041	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1041	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1040	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1040	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-1039	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1039	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1038	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1038	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1037	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1037	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1036	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1036	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1035	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1035	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1034	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1034	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1033	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1033	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1032	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1032	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1031	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1031	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1030	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1030	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1029	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1029	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1028	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1028	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1027	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1027	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1026	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1026	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1025	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1025	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1024	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1024	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1023	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1023	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1022	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1022	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1021	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5

-1021	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1020	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1020	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-1019	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1019	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1018	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1018	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1017	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1017	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1016	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1016	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1015	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1015	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1014	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1014	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1013	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1013	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1012	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-1012	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-1011	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1011	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1010	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1010	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1009	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1009	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1008	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-1008	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1007	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1007	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1006	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1006	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1005	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1005	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-1004	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-1004	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-1003	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-1003	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1002	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1002	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-1001	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-1001	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-1000	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	5
-1000	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-999	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	5
-999	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-998	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-998	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-997	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-997	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-996	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-996	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	0.00	1	0.00	1
-995	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-995	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-994	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-994	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	0.00	1
-993	Max	0.02	1	0.03	5	-0.01	5	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	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-992	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-991	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-991	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-990	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-990	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-989	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-989	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-988	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-988	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-987	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-987	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-986	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-986	Min.	-0.02	1	-0.03	5	-0.02	9	-0.00	5	-0.00	1	-0.00	5
-985	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-985	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-984	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-984	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	0.00	1	0.00	1
-983	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-983	Min.	-0.02	1	-0.03	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-982	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-982	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5

-981	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-981	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-980	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-980	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-979	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-979	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-978	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-978	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-977	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-977	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-976	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-976	Min.	-0.02	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-975	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-975	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	0.00	1
-974	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-974	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-973	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-973	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-972	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-972	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-971	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-971	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-970	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-970	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-969	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-969	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-968	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-968	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-967	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-967	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-966	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-966	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-965	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-965	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-964	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-964	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-963	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-963	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-962	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-962	Min.	-0.02	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-961	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-961	Min.	-0.02	1	-0.03	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-960	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-960	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-959	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-959	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-958	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-958	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-957	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-957	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-956	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-956	Min.	-0.02	1	-0.03	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-955	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-955	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-954	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-954	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-953	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-953	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-952	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-952	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-951	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-951	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-950	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-950	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-949	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-949	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-948	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-948	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-947	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-947	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-946	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-946	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-945	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-945	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-944	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-944	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-943	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-943	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-942	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5

-942	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-941	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-941	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-940	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-940	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-939	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-939	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-938	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-938	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-937	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-937	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-936	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-936	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-935	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-935	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-934	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-934	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-933	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-933	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-932	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-932	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-931	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-931	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-930	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-930	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-929	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-929	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-928	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-928	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-927	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-927	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-926	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-926	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-925	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-925	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-924	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-924	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-923	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-923	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-922	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-922	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-921	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-921	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-920	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-920	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-919	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-919	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-918	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-918	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-917	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-917	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-916	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-916	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	5	0.00	5
-915	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-915	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	1	0.00	5
-914	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-914	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-913	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-913	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-912	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-912	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-911	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-911	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-910	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-910	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-909	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-909	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-908	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-908	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-907	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-907	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-906	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-906	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-905	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-905	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-904	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-904	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-903	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-903	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5

-902	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-902	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-901	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-901	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-900	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-900	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-899	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-899	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-898	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-898	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-897	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-897	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-896	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-896	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-895	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	1
-895	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-894	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	5
-894	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-893	Max	0.02	1	0.03	5	-0.00	5	0.00	5	0.00	1	0.00	5
-893	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-892	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-892	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-891	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-891	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-890	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-890	Min.	-0.02	1	-0.03	5	-0.01	11	-0.00	5	0.00	1	0.00	1
-889	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-889	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-888	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-888	Min.	-0.02	1	-0.03	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-887	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-887	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-886	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-886	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-885	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-885	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-884	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-884	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-883	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-883	Min.	-0.02	1	-0.03	5	-0.02	11	-0.00	5	-0.00	1	-0.00	1
-882	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-882	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-881	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-881	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-880	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	5
-880	Min.	-0.02	1	-0.03	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-879	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-879	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-878	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-878	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-877	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-877	Min.	-0.02	1	-0.03	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-876	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-876	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-875	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-875	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-874	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-874	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-873	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-873	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-872	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-872	Min.	-0.02	1	-0.03	5	-0.01	9	-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	1
-871	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-870	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-870	Min.	-0.02	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-869	Max	0.02	1	0.03	5	-0.01	5	0.00	5	0.00	1	0.00	1
-869	Min.	-0.02	1	-0.03	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-868	Max	0.02	1	0.03	5	-0.00	1	0.01	5	0.00	1	0.00	1
-868	Min.	-0.02	1	-0.03	5	-0.02	1	-0.01	5	-0.00	1	0.00	1
-867	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-867	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-866	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-866	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-865	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-865	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-864	Max	0.02	1	0.03	5	-0.01	1	0.00	1	0.00	1	0.00	1
-864	Min.	-0.02	1	-0.03	5	-0.02	1	0.00	1	-0.00	1	0.00	1
-863	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1

-863	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-862	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-862	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-861	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-861	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-860	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-860	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-859	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-859	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-858	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-858	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-857	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-857	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-856	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-856	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-855	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-855	Min.	-0.02	1	-0.03	5	-0.01	10	-0.00	5	-0.00	1	-0.00	5
-854	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-854	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-853	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-853	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-852	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	5
-852	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-851	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-851	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-850	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-850	Min.	-0.02	1	-0.03	5	-0.01	1	-0.00	5	-0.00	1	-0.00	1
-849	Max	0.02	1	0.03	5	-0.00	1	0.00	5	0.00	1	0.00	1
-849	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-848	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	1
-848	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-847	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-847	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-846	Max	0.02	1	0.03	5	0.00	1	0.00	5	0.00	1	0.00	5
-846	Min.	-0.02	1	-0.03	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-845	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-845	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-844	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-844	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-843	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-843	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-842	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-842	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-841	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-841	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-840	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-840	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-839	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-839	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-838	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-838	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-837	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-837	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-836	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-836	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-835	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-835	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-834	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-834	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-833	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-833	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-832	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-832	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-831	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	1
-831	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-830	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-830	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-829	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	5	0.00	5
-829	Min.	-0.02	1	-0.03	5	-0.02	5	-0.00	5	0.00	5	0.00	5
-828	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-828	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	0.00	10	0.00	5
-827	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-827	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-826	Max	0.02	1	0.03	5	0.00	5	0.00	5	0.00	1	0.00	5
-826	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-825	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-825	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-824	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-824	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5

-823	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-823	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-822	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-822	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-821	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	5
-821	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-820	Max	0.02	1	0.03	5	0.01	5	0.00	5	0.00	1	0.00	1
-820	Min.	-0.02	1	-0.03	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-819	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	5	0.01	1
-819	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-818	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.01	1
-818	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	-0.01	1
-817	Max	0.02	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	1
-817	Min.	-0.02	1	-0.02	5	-0.01	12	-0.01	5	-0.00	1	-0.00	1
-816	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-816	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-815	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-815	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-814	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-814	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-813	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-813	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-812	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-812	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-811	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-811	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-810	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-810	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-809	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-809	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-808	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-808	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-807	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.01	1	0.00	5
-807	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.01	1	0.00	5
-806	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.01	1	0.00	1
-806	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.01	1	0.00	1
-805	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-805	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-804	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-804	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-803	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-803	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-802	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-802	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-801	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-801	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-800	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-800	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-799	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-799	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-798	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-798	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-797	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-797	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-796	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-796	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-795	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-795	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	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	-0.03	5	-0.00	5	-0.00	1	-0.00	5
-793	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-793	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-792	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-792	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-791	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-791	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-790	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-790	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-789	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-789	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-788	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-788	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-787	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-787	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-786	Max	0.02	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-786	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-785	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-785	Min.	-0.02	1	-0.02	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.	-0.02	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	0.00	5	0.00	1	0.00	1
-783	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-782	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-782	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-780	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-780	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-779	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-779	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-778	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-778	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-777	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	5
-777	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	-0.00	5
-776	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-776	Min.	-0.02	1	-0.02	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-775	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-775	Min.	-0.02	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-774	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-774	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-773	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	1
-773	Min.	-0.02	1	-0.03	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-772	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-772	Min.	-0.02	1	-0.02	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-771	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-771	Min.	-0.02	1	-0.02	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-770	Max	0.02	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-770	Min.	-0.02	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-769	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-769	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-768	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-768	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-767	Max	0.02	1	0.02	5	0.00	1	0.01	5	0.00	1	0.00	1
-767	Min.	-0.02	1	-0.02	5	-0.02	1	-0.01	5	-0.00	1	0.00	1
-766	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-766	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-765	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-765	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-764	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-764	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-763	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-763	Min.	-0.01	1	-0.02	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-762	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-762	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-761	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-761	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-760	Max	0.02	1	0.03	5	-0.01	1	0.00	5	0.00	1	0.00	5
-760	Min.	-0.02	1	-0.03	5	-0.02	10	-0.00	5	-0.00	1	-0.00	5
-759	Max	0.02	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-759	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	-0.00	5
-758	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-758	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-757	Max	0.02	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-757	Min.	-0.02	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	-0.00	1
-756	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-756	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-755	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-755	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-754	Max	0.02	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-754	Min.	-0.02	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-753	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-753	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-752	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-752	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-751	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-751	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-750	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-750	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-749	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-749	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-748	Max	0.02	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-748	Min.	-0.02	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-747	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-747	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-746	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-746	Min.	-0.01	1	-0.02	5	-0.01	10	-0.01	5	-0.00	1	0.00	5
-745	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-745	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-744	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-744	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1

-743	Max	0.02	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-743	Min.	-0.02	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-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	1	0.00	5	0.00	1	0.00	1
-740	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-739	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-739	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-738	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-738	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-737	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-737	Min.	-0.01	1	-0.02	5	-0.02	10	-0.01	5	-0.00	1	-0.00	5
-736	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-736	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-735	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-735	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-734	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-734	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-733	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-733	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-732	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-732	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-731	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	5
-731	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-730	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-730	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-729	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-729	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-728	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-728	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-727	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-727	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-726	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-726	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-725	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-725	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-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	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-723	Max	0.01	1	0.02	5	0.01	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	1
-722	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-721	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-721	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-720	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-720	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-719	Max	0.01	1	0.02	5	0.01	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	0.01	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	0.01	5	0.00	5	0.00	1	0.00	1
-717	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-716	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-716	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-715	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-715	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-714	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-714	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-713	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-713	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-712	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-712	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-711	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-711	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-710	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-710	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-709	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-709	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-708	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-708	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-707	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-707	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-706	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-706	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-705	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-705	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	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	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-703	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-703	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-702	Max	0.01	1	0.02	5	-0.00	5	0.00	5	0.00	1	0.00	1
-702	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-701	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-701	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-700	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-700	Min.	-0.01	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-699	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-699	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-698	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-698	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-697	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-697	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-696	Max	0.01	1	0.02	5	-0.01	5	0.01	5	0.00	1	0.00	5
-696	Min.	-0.01	1	-0.02	5	-0.01	11	-0.01	5	-0.00	1	-0.00	5
-695	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-695	Min.	-0.01	1	-0.02	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-694	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-694	Min.	-0.01	1	-0.02	5	-0.01	12	-0.00	5	-0.00	1	-0.00	1
-693	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-693	Min.	-0.01	1	-0.02	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-692	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-692	Min.	-0.01	1	-0.02	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-691	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-691	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-690	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-690	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-689	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	5
-689	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-688	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-688	Min.	-0.01	1	-0.02	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-687	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-687	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-686	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	5
-686	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-685	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-685	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-684	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	1
-684	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-683	Max	0.01	1	0.02	5	0.00	1	0.00	5	0.00	1	0.00	5
-683	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-682	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.01	1	0.00	1
-682	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.01	1	-0.00	1
-681	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-681	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-680	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-680	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-679	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-679	Min.	-0.01	1	-0.02	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-678	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	5
-678	Min.	-0.01	1	-0.02	5	-0.01	1	-0.01	5	-0.00	1	0.00	5
-677	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-677	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-676	Max	0.01	1	0.02	5	-0.00	1	0.00	5	0.00	1	0.00	1
-676	Min.	-0.01	1	-0.02	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-675	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-675	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-674	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-674	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-673	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-673	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-672	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-672	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-671	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-671	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-670	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-670	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-669	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-669	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-668	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-668	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-667	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-667	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-666	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1
-666	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-665	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-665	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5

-664	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.01	1	0.00	5
-664	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.01	1	0.00	5
-663	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.01	1	0.00	5
-663	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.01	1	0.00	5
-662	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-662	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-661	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-661	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-660	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-660	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-659	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-659	Min.	-0.01	1	-0.02	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-658	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-658	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-657	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-657	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-656	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-656	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-655	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-655	Min.	-0.01	1	-0.02	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-654	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-654	Min.	-0.01	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-652	Max	0.01	1	0.02	5	-0.01	5	0.00	5	0.00	1	0.00	1
-652	Min.	-0.01	1	-0.02	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-651	Max	0.01	1	0.02	5	-0.01	1	0.01	5	0.00	1	0.00	1
-651	Min.	-0.01	1	-0.02	5	-0.01	9	-0.01	5	-0.00	1	-0.00	1
-650	Max	0.01	1	0.02	5	-0.01	1	0.00	5	0.00	1	0.00	1
-650	Min.	-0.01	1	-0.02	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-649	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-649	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-648	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-648	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-647	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-647	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-646	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-646	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-645	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-645	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-644	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-644	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-643	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-643	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-642	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-642	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-641	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-641	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-640	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-640	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-639	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-639	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-638	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-638	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-637	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-637	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-636	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-636	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-635	Max	0.01	1	0.02	5	0.01	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	0.02	5	0.01	5	0.00	5	0.00	1	0.00	1
-634	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-633	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-633	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-632	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-632	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-631	Max	0.01	1	0.02	5	0.01	5	0.00	5	0.00	1	0.00	5
-631	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-630	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-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	0.01	5	0.00	5	0.00	1	0.00	1
-629	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-628	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-628	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-627	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-627	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-626	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-626	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-625	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-625	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-624	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	1	0.00	1

-624	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-623	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-623	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-622	Max	0.01	1	0.02	5	0.00	5	0.00	5	0.00	5	0.01	1
-622	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	-0.01	1
-621	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-621	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-620	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-620	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-619	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-619	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-618	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-618	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-617	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-617	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-616	Max	0.00	1	0.02	5	-0.00	5	0.01	5	0.00	1	0.01	1
-616	Min.	-0.00	1	-0.01	5	-0.01	5	-0.01	5	0.00	1	-0.01	1
-615	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-615	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-614	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-614	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-613	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-613	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-612	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-612	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-611	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-611	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-610	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-610	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-609	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-609	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-608	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-608	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-607	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-607	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-606	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-606	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	0.00	1	0.00	5
-605	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-605	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-604	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-604	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-603	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-603	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-602	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-602	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-601	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-601	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-600	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-600	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-599	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-599	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-598	Max	0.01	1	0.01	5	-0.01	1	0.01	5	0.00	1	0.00	5
-598	Min.	-0.01	1	-0.01	5	-0.01	9	-0.01	5	-0.00	1	0.00	5
-597	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-597	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-596	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	5	0.00	1
-596	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	0.00	5	0.00	1
-595	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-595	Min.	-0.01	1	-0.01	5	-0.01	12	0.00	5	-0.00	1	0.00	1
-594	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-594	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	0.00	1	0.00	1
-593	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-593	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-592	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-592	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-591	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-591	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-590	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-590	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-589	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-589	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-588	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-588	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-587	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-587	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-586	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-586	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-585	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-585	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1

-584	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-584	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-583	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-583	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-582	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-582	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-581	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-581	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-580	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-580	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-579	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-579	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	0.00	1	0.00	1
-578	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-578	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-577	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-577	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	0.00	5
-576	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-576	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	0.00	1
-575	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-575	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-574	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-574	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-573	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-573	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-572	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	5	0.00	5
-572	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	5	0.00	5
-571	Max	0.01	1	0.01	5	-0.01	1	0.01	5	0.00	1	0.00	5
-571	Min.	-0.01	1	-0.01	5	-0.02	10	-0.01	5	-0.00	1	0.00	5
-570	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-570	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-569	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-569	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-568	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-568	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-567	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-567	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-566	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-566	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-565	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-565	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-564	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-564	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-563	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-563	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-562	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-562	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-561	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-561	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-560	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-560	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-559	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-559	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-558	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-558	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-557	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-557	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-556	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-556	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-555	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-555	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-554	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-554	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-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	-0.03	5	-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	1
-552	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-551	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-551	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-550	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-550	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-549	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-549	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-548	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-548	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-547	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	5	0.00	1
-547	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	5	0.00	1
-546	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	5	0.00	5
-546	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	0.00	5
-545	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5

-545	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-544	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-544	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-543	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-543	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-542	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-542	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-541	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-541	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-540	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-540	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-539	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-539	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-538	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-538	Min.	-0.01	1	-0.01	5	-0.03	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	-0.03	5	-0.00	5	-0.00	1	0.00	1
-536	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-536	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-535	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-535	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-534	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-534	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-533	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-533	Min.	-0.01	1	-0.01	5	-0.02	1	-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	0.00	1	0.00	5	0.00	1	0.00	5
-531	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-530	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-530	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-529	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-529	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-528	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-528	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-527	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-527	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-526	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-526	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-525	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-525	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-524	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-524	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-523	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-523	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-522	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-522	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-521	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-521	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-520	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-520	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-519	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-519	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-518	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-518	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-517	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-517	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-516	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-516	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-515	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-515	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-514	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-514	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-513	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-513	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-512	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-512	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-511	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-511	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-510	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-510	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-509	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-509	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-508	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-508	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-507	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-507	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-506	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-506	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5

-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	0.01	1
-501	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.01	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	-0.00	5	0.00	5	0.00	1	0.00	1
-499	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-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	1	0.00	5	0.00	1	0.00	1
-497	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-496	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.01	1
-496	Min.	-0.00	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	-0.01	1
-495	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-495	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-494	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-494	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-493	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-493	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-492	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-492	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-491	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-491	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-490	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-490	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-489	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-489	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	0.00	1	0.00	5
-488	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-488	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-487	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-487	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	0.00	1	0.00	5
-486	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-486	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-485	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-485	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-484	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-484	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-483	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-483	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-482	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-482	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-481	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-481	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-480	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-480	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-479	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-479	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-478	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-478	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	0.00	1	0.00	1
-477	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-477	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	0.00	1	0.00	1
-476	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-476	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-475	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-475	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-474	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-474	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-473	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-473	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-472	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-472	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-471	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-471	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-470	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-470	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-469	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-469	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-468	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-468	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-467	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-467	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-466	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5

-466	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-465	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-465	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-464	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-464	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-463	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-463	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-462	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-462	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	0.00	1
-461	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-461	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-460	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-460	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	0.00	5
-459	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-459	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-458	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-458	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-457	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-457	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-456	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-456	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	5
-455	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	5	0.00	5
-455	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	5	0.00	5
-454	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-454	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-453	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-453	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-452	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-452	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-451	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-451	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	1
-450	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-450	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-449	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-449	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-448	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-448	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-447	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-447	Min.	-0.01	1	-0.01	5	-0.02	5	-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	5
-446	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-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	-0.02	5	-0.00	5	-0.00	1	0.00	1
-444	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-444	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-443	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-443	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-442	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-442	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	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	-0.03	5	-0.00	5	-0.00	1	0.00	1
-440	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-440	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-439	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-439	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-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	-0.02	5	-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	5
-437	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-436	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-436	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-435	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-435	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-434	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-434	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-433	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	5	0.00	1
-433	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	5	0.00	1
-432	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	5	0.00	5
-432	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	0.00	5	0.00	5
-431	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-431	Min.	-0.01	1	-0.01	5	-0.02	5	-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	1	0.00	1
-430	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-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	-0.02	5	-0.00	5	-0.00	1	0.00	5
-428	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-428	Min.	-0.01	1	-0.01	5	-0.02	5	-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	-0.03	5	-0.00	5	-0.00	1	0.00	1

-426	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-426	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-425	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-425	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-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	-0.03	5	-0.00	5	-0.00	1	0.00	5
-423	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-423	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-422	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-422	Min.	-0.01	1	-0.01	5	-0.02	1	-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	0.00	1	0.00	5	0.00	1	0.00	5
-420	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-419	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-419	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-418	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-418	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-417	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-417	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-416	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-416	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-415	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-415	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-414	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-414	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-413	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-413	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-412	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-412	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-411	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-411	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-410	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-410	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-409	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-409	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-408	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-408	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-407	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-407	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-406	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-406	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-405	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-405	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-404	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-404	Min.	-0.01	1	-0.01	5	-0.02	5	-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	-0.02	5	-0.00	5	-0.00	1	0.00	5
-402	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-402	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-401	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-401	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-400	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-400	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-399	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-399	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-398	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-398	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-397	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-397	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-396	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-396	Min.	-0.01	1	-0.01	5	-0.03	5	-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	1
-395	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-394	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-394	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-393	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-393	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-392	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-392	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-391	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-391	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-390	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-390	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-389	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-389	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-388	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-388	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-387	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.01	1

-387	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-386	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-386	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-385	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-385	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-384	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-384	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-383	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-383	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-382	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	5	0.01	1
-382	Min.	-0.00	1	-0.01	5	-0.01	5	-0.00	5	-0.00	5	-0.01	1
-381	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-381	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-380	Max	0.01	1	0.01	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	-0.01	5	0.00	5	0.00	1	0.00	1
-379	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-378	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-378	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-377	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-377	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-376	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-376	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-375	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-375	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-374	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	5	0.00	5
-374	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	0.00	5	0.00	5
-373	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-373	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-372	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-372	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-371	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-371	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-370	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-370	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-369	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-369	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-368	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-368	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	0.00	1	0.00	1
-367	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-367	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-366	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-366	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-365	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-365	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-364	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	1
-364	Min.	-0.01	1	-0.01	5	-0.01	12	-0.01	5	-0.00	1	-0.00	1
-363	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	1
-363	Min.	-0.01	1	-0.01	5	-0.01	12	-0.01	5	-0.00	1	0.00	1
-362	Max	0.01	1	0.01	5	-0.01	5	0.01	5	0.00	1	0.00	5
-362	Min.	-0.01	1	-0.01	5	-0.01	12	-0.01	5	-0.00	1	-0.00	5
-361	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-361	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-360	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-360	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-359	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-359	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-358	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-358	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-357	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-357	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-356	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-356	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-355	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-355	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-354	Max	0.01	1	0.01	5	-0.00	1	0.01	5	0.00	1	0.00	1
-354	Min.	-0.01	1	-0.01	5	-0.01	9	-0.01	5	-0.00	1	0.00	1
-353	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-353	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-352	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-352	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-351	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-351	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	0.00	1	0.00	5
-350	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-350	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-349	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-349	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-348	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-348	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1

-347	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-347	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-346	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-346	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-345	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-345	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-344	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-344	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-343	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-343	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-342	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-342	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-341	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-341	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-340	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-340	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-339	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-339	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-338	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-338	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	-0.00	1
-337	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-337	Min.	-0.01	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-335	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-335	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-334	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-334	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-333	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-333	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-332	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-332	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-331	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-331	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-330	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-330	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-329	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-329	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-328	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-328	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-327	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-327	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-326	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-326	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-325	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-325	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-324	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-324	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-323	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-323	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-322	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-322	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-321	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-321	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-320	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-320	Min.	-0.01	1	-0.01	5	-0.02	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.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-318	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-318	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-317	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-317	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-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	-0.03	5	-0.00	5	-0.00	1	0.00	1
-315	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-315	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-314	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-314	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-313	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-313	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-312	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-312	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-311	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-311	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-310	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-310	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-309	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-309	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-308	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-308	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-307	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1

-307	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-306	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-306	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-305	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-305	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-303	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-303	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-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	-0.03	5	-0.00	5	-0.00	1	0.00	5
-301	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-301	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-300	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-300	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-299	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-299	Min.	-0.01	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-298	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-298	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-297	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-297	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	-0.00	1
-296	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-296	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	-0.00	1
-295	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-295	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-294	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-294	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	5
-293	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-293	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-292	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-292	Min.	-0.01	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-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	-0.03	5	-0.00	5	-0.00	1	0.00	5
-290	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-290	Min.	-0.01	1	-0.01	5	-0.03	5	-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	-0.02	5	-0.00	5	-0.00	1	0.00	5
-288	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-288	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-287	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-287	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-286	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-286	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-285	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-285	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-284	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-284	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-283	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-283	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-282	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-282	Min.	-0.00	1	-0.01	5	-0.02	1	-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	1
-281	Min.	-0.00	1	-0.01	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-280	Max	0.00	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-280	Min.	-0.00	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-279	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-279	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-278	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-278	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-277	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-277	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-276	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-276	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-275	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-275	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-274	Max	0.01	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	5
-274	Min.	-0.01	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	5
-272	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-272	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-271	Max	0.00	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-271	Min.	-0.00	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-270	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-270	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-269	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-269	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-268	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-268	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-267	Max	0.00	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-267	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-266	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-266	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5

-265	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-265	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-264	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-264	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-263	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-263	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-262	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-262	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-261	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	1
-261	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-260	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-260	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-259	Max	0.00	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	5
-259	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-257	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-257	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-256	Max	0.01	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-256	Min.	-0.01	1	-0.01	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-255	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	5
-255	Min.	-0.01	1	-0.01	5	-0.01	10	-0.00	5	0.00	1	0.00	5
-254	Max	0.01	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-254	Min.	-0.01	1	-0.01	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-253	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-253	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-252	Max	0.01	1	0.01	5	0.00	1	0.00	5	0.00	1	0.00	5
-252	Min.	-0.00	1	-0.01	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-251	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-251	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-250	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-250	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-249	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-249	Min.	-0.00	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-248	Max	0.01	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-248	Min.	-0.00	1	-0.01	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-247	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-247	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-246	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-246	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-245	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-245	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-244	Max	0.01	1	0.01	5	0.00	5	0.00	5	0.00	1	0.01	1
-244	Min.	-0.01	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.01	1
-243	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-243	Min.	-0.00	1	-0.01	5	-0.01	5	-0.01	5	-0.00	1	-0.00	1
-242	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-242	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-241	Max	0.01	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	5
-241	Min.	-0.01	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-240	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-240	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-239	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-239	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-238	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-238	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-237	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-237	Min.	-0.00	1	-0.01	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	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-235	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	5
-235	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-234	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-234	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-233	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	1
-233	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-231	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-231	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-230	Max	0.00	1	0.01	5	0.01	5	0.00	5	0.00	1	0.00	5
-230	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-229	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-229	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-228	Max	0.00	1	0.01	5	0.00	5	0.00	5	0.00	1	0.00	1
-228	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-227	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-227	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-226	Max	0.00	1	0.01	5	-0.00	5	0.00	5	0.00	1	0.00	1
-226	Min.	-0.00	1	-0.01	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	0.00	1	0.00	5
-225	Min.	-0.00	1	-0.01	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-224	Max	0.00	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1

-224	Min.	-0.00	1	-0.01	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-223	Max	0.00	1	0.01	5	-0.01	1	0.00	5	0.00	1	0.00	1
-223	Min.	-0.00	1	-0.01	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-222	Max	0.00	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-222	Min.	-0.00	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-221	Max	0.00	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-221	Min.	-0.00	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-220	Max	0.00	1	0.01	5	-0.01	5	0.00	5	0.00	1	0.00	1
-220	Min.	-0.00	1	-0.01	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-219	Max	0.00	1	0.01	5	-0.00	1	0.00	5	0.00	1	0.00	1
-219	Min.	-0.00	1	-0.01	5	-0.01	1	-0.00	5	-0.00	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	5	-0.00	5	-0.00	1	-0.00	1
-216	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-216	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-215	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-215	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-214	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-214	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-213	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-213	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-212	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-212	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-211	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-211	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-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	-0.02	5	-0.00	5	-0.00	1	0.00	1
-209	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-209	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-208	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-208	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-207	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-207	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-206	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-206	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-205	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-205	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-204	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-204	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-203	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-203	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-202	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-202	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	1
-201	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-201	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-200	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-200	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-199	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-199	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-198	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-198	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-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	-0.02	5	-0.00	5	-0.00	1	0.00	1
-195	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-195	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-194	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-194	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-193	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-193	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-192	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-192	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-191	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-191	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-190	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-190	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	-0.00	1
-189	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-189	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-188	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-188	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-187	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-187	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-186	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-186	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-185	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-185	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-184	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-184	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5

-183	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	1
-183	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-182	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-182	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	1	0.00	1
-181	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-181	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	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	1
-180	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-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	-0.00	1	0.00	5	0.00	1	0.00	1
-178	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-177	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-177	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-175	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-175	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-174	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	1
-174	Min.	-0.00	1	-0.00	5	-0.01	11	-0.00	5	-0.00	1	0.00	1
-173	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-173	Min.	-0.00	1	-0.00	5	-0.01	10	-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	5
-172	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-171	Max	0.00	1	0.00	5	-0.00	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	-0.00	1	0.00	5	0.00	1	0.00	1
-170	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-169	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-169	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	0.00	5
-168	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	1
-168	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-167	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-167	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-166	Max	0.00	1	0.00	5	-0.01	5	0.01	5	0.00	1	0.00	1
-166	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-165	Max	0.00	1	0.00	5	-0.01	5	0.00	5	0.00	1	0.00	1
-165	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	0.00	1
-164	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-164	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-163	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-163	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-162	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-162	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-161	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-161	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-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	5
-159	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-158	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-158	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-157	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-157	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-156	Max	0.00	1	0.00	5	-0.00	1	0.01	5	0.00	1	0.00	1
-156	Min.	-0.00	1	-0.00	5	-0.01	1	-0.01	5	-0.00	1	0.00	1
-155	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	1
-155	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	1
-153	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-153	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-152	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-152	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	0.00	1	0.00	5
-151	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-151	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.00	1	0.00	1
-150	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	5
-150	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	-0.00	5
-149	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-149	Min.	-0.00	1	-0.00	5	-0.01	10	-0.00	5	-0.00	1	0.00	5
-148	Max	0.00	1	0.00	5	-0.01	1	0.00	5	0.00	1	0.00	1
-148	Min.	-0.00	1	-0.00	5	-0.01	9	-0.00	5	-0.00	1	0.00	1
-147	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-147	Min.	-0.00	1	-0.00	5	-0.01	1	-0.01	5	-0.00	1	0.00	1
-146	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-146	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-145	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-145	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	5
-144	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	5
-144	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-143	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-143	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-142	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1

-142	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-141	Max	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-141	Min.	-0.00	1	-0.00	5	-0.01	1	-0.00	5	-0.00	1	0.00	1
-140	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-140	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-139	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-139	Min.	-0.00	1	-0.00	5	-0.02	1	-0.00	5	-0.00	1	0.00	5
-138	Max	0.00	1	0.00	5	0.00	1	0.00	5	0.00	1	0.00	5
-138	Min.	-0.00	1	-0.00	5	-0.02	1	-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	1
-136	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-135	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-135	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-134	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-134	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-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	1
-132	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-131	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-131	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-130	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-130	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-129	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-129	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	1
-128	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-128	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-127	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-127	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-126	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	1
-126	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-125	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-125	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-124	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-124	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-123	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-123	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-122	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-122	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-121	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-121	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-120	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	1
-120	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	1
-119	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-119	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-118	Max	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-118	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-117	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-117	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-116	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-116	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-115	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-115	Min.	-0.00	1	-0.00	5	-0.02	5	-0.00	5	-0.00	1	0.00	5
-114	Max	0.00	1	0.00	5	0.01	5	0.00	5	0.00	1	0.00	5
-114	Min.	-0.00	1	-0.00	5	-0.03	5	-0.00	5	-0.00	1	0.00	5
-113	Max	0.00	5	0.00	5	0.00	5	0.00	5	0.00	1	0.00	5
-113	Min.	-0.00	5	-0.00	5	-0.01	5	-0.00	5	-0.00	1	-0.00	5
-112	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	5	0.00	1
-112	Min.	-0.00	1	-0.00	5	-0.01	5	-0.00	5	-0.00	5	0.00	1
-111	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-111	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-110	Max	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	5
-110	Min.	-0.00	1	-0.00	5	-0.01	12	-0.00	5	-0.00	1	-0.00	5
-109	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-109	Min.	0.00	1	0.00	1	-0.03	5	-0.00	5	-0.00	1	0.00	1
-108	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-108	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-107	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-107	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-106	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-106	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-105	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-105	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-104	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-104	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-103	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-103	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-102	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-102	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1

-101	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-101	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-100	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	5	0.00	1
-100	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	5	0.00	1
-99	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-99	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-98	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-98	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-97	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-97	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-96	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-96	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-95	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-95	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-94	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-94	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-93	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-93	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-92	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-92	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-91	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-91	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-90	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-90	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-89	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-89	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-88	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-88	Min.	0.00	1	0.00	1	-0.03	5	-0.00	5	-0.00	1	0.00	1
-87	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-87	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-86	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-86	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-85	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-85	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-84	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-84	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-83	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-83	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	1	0.00	1
-82	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-82	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-81	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-81	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-80	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-80	Min.	0.00	1	0.00	1	-0.02	5	-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	-0.02	1	-0.00	5	-0.00	1	0.00	1
-77	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-77	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	0.00	1	0.00	1
-76	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-76	Min.	0.00	1	0.00	1	-0.01	11	-0.00	5	-0.00	1	0.00	1
-75	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-75	Min.	0.00	1	0.00	1	-0.01	5	-0.00	5	-0.00	1	0.00	1
-74	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-74	Min.	0.00	1	0.00	1	-0.01	11	-0.00	5	0.00	1	0.00	1
-73	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-73	Min.	0.00	1	0.00	1	-0.01	1	-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	5	-0.00	1	0.00	5	0.00	5	0.00	5
-71	Min.	0.00	1	0.00	5	-0.01	1	-0.00	5	0.00	5	0.00	5
-70	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-70	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-69	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-69	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-68	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	5	0.00	1
-68	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	5	0.00	1
-67	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	5	0.00	1
-67	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	5	0.00	1
-66	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	5	0.00	1
-66	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	5	0.00	1
-65	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-65	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	-0.00	1	0.00	1
-64	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-64	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	0.00	1	0.00	1
-63	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-63	Min.	0.00	1	0.00	1	-0.02	1	-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	5	0.00	1

-62	Min.	0.00	1	0.00	1	-0.01	9	-0.00	5	0.00	5	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	-0.01	9	-0.00	5	0.00	1	0.00	1
-60	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-60	Min.	0.00	1	0.00	1	-0.01	9	-0.00	5	-0.00	1	0.00	1
-59	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-59	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	0.00	1	0.00	1
-58	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	5	0.00	1
-58	Min.	0.00	1	0.00	1	-0.01	12	0.00	5	0.00	5	0.00	1
-57	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	5	0.00	1
-57	Min.	0.00	1	0.00	1	-0.01	12	-0.00	5	0.00	5	0.00	1
-56	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-56	Min.	0.00	1	0.00	1	-0.01	12	-0.00	5	0.00	1	0.00	1
-55	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-55	Min.	0.00	1	0.00	1	-0.01	12	-0.00	5	-0.00	1	0.00	1
-54	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-54	Min.	0.00	1	0.00	1	-0.01	12	-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	-0.01	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	-0.02	1	-0.00	5	-0.00	1	0.00	1
-51	Max	0.00	1	0.00	1	-0.00	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	0.00	1	0.00	5	0.00	1	0.00	1
-50	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-49	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-49	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-48	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-48	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-47	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-47	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	1	0.00	1
-46	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-46	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-45	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-45	Min.	0.00	1	0.00	1	-0.01	9	0.00	5	0.00	1	0.00	1
-44	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-44	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-43	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-43	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-42	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-42	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	1	0.00	1
-41	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-41	Min.	0.00	1	0.00	1	-0.01	9	-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	9	-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	1	0.00	1
-39	Min.	0.00	1	0.00	1	-0.01	9	-0.00	5	0.00	1	0.00	1
-38	Max	0.00	1	0.00	1	-0.01	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	-0.01	1	0.00	5	0.00	5	0.00	1
-37	Min.	0.00	1	0.00	1	-0.01	10	-0.00	5	0.00	5	0.00	1
-36	Max	0.00	1	0.00	1	-0.01	1	0.00	5	0.00	5	0.00	1
-36	Min.	0.00	1	0.00	1	-0.01	10	0.00	5	0.00	5	0.00	1
-35	Max	0.00	1	0.00	1	-0.01	5	0.00	5	0.00	1	0.00	1
-35	Min.	0.00	1	0.00	1	-0.01	12	0.00	5	0.00	1	0.00	1
-34	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-34	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	1	0.00	1
-33	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-33	Min.	0.00	1	0.00	1	-0.01	1	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	10	0.00	1
-32	Min.	0.00	1	0.00	1	-0.01	1	-0.00	5	0.00	5	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	1	-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	-0.02	1	-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	-0.01	9	-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	-0.01	1	-0.00	5	0.00	1	0.00	1
-27	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-27	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-26	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-26	Min.	0.00	1	0.00	1	-0.02	1	-0.00	5	-0.00	1	0.00	1
-25	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-25	Min.	0.00	1	0.00	1	-0.02	1	-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	-0.02	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	1	0.00	1
-20	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	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	0.00	5	0.00	5	0.00	1	0.00	1
-18	Min.	0.00	1	0.00	1	-0.02	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	0.01	5	0.00	5	0.00	1	0.00	1
-16	Min.	0.00	1	0.00	1	-0.03	5	-0.00	5	-0.00	1	0.00	1
-15	Max	0.00	1	0.00	1	0.01	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	0.01	5	0.00	5	0.00	1	0.00	1
-14	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-13	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-13	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-12	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-12	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-11	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-11	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-10	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-10	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-9	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-9	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-8	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-8	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-7	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-7	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-6	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-6	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-5	Max	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-5	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	0.00	1	0.00	1
-4	Max	0.00	1	0.00	1	0.01	5	0.00	5	0.00	1	0.00	1
-4	Min.	0.00	1	0.00	1	-0.02	5	-0.00	5	-0.00	1	0.00	1
-3	Max	0.00	1	0.00	1	0.01	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	0.01	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	1	0.00	1
-1	Min.	0.00	1	0.00	1	-0.03	5	-0.00	5	-0.00	1	0.00	1

Min = -0.05
Max = 0.05

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
-2178	Max	-0.05	1	42.73	5	0.00	5	0.00	5	0.00	5	1.04	1
-2178	Min.	-1.96	1	-26.12	5	0.00	5	0.00	5	0.00	5	-0.98	1
-2157	Max	3.03	1	20.07	5	0.00	10	0.00	5	0.00	1	0.35	1
-2157	Min.	-3.74	1	-10.18	5	0.00	5	0.00	5	0.00	1	-0.26	1
-2130	Max	-2.46	1	1.17	5	0.00	5	0.00	5	0.00	5	-0.51	1
-2130	Min.	-28.20	1	-6.98	5	0.00	5	0.00	12	0.00	5	-0.94	11
-2126	Max	47.63	1	3.52	5	0.00	5	0.00	5	0.00	5	-0.52	5
-2126	Min.	-67.98	1	-3.07	5	0.00	5	0.00	5	0.00	5	-1.58	11
-2108	Max	-0.07	1	38.77	5	0.00	5	0.00	5	0.00	1	0.87	1
-2108	Min.	-10.30	1	-105.63	5	0.00	11	0.00	11	0.00	1	-0.01	1
-2088	Max	45.52	1	8.82	5	0.00	5	0.00	5	0.00	5	1.14	5
-2088	Min.	-49.16	1	-4.60	5	0.00	5	0.00	5	0.00	12	-0.25	5
-2073	Max	48.32	1	-2.44	5	0.00	5	0.00	5	0.00	5	0.76	5
-2073	Min.	-48.11	1	-10.32	5	0.00	5	0.00	5	0.00	5	-0.45	5
-2065	Max	4.49	1	-0.98	5	0.00	5	0.00	12	0.00	1	0.32	1
-2065	Min.	-2.64	1	-139.83	5	0.00	5	0.00	11	0.00	1	0.11	1
-2063	Max	6.06	1	39.07	5	0.00	9	0.00	11	0.00	1	0.35	1
-2063	Min.	-5.39	1	-116.80	5	0.00	5	0.00	1	0.00	1	-0.40	1

-2021	Max	0.56	1	30.83	5	0.00	5	0.00	5	0.00	5	0.30	1
-2021	Min.	-0.56	1	-18.90	5	0.00	5	0.00	5	0.00	5	0.02	1
-2019	Max	1.21	1	35.42	5	0.00	5	0.00	5	0.00	1	0.20	9
-2019	Min.	-0.94	1	-20.47	5	0.00	5	0.00	5	0.00	1	0.11	5
-2017	Max	0.85	1	19.28	5	0.00	10	0.00	5	0.00	1	0.08	9
-2017	Min.	-0.69	1	-10.73	5	0.00	5	0.00	12	0.00	1	0.04	5
-2015	Max	0.81	1	18.08	5	0.00	9	0.00	5	0.00	1	0.03	5
-2015	Min.	-0.88	1	-8.62	5	0.00	1	0.00	10	0.00	1	0.00	5
-1958	Max	39.21	1	3.99	5	0.00	1	0.00	5	0.00	1	0.33	1
-1958	Min.	-24.52	1	-3.14	5	0.00	10	0.00	5	0.00	9	-0.14	1
-1937	Max	33.28	1	1.07	5	0.00	9	0.00	5	0.00	1	0.40	5
-1937	Min.	-82.91	1	-11.43	5	0.00	5	0.00	5	0.00	9	-0.54	5
-109	Max	147.44	1	119.88	5	0.00	5	0.00	1	0.00	5	2.07	5
-109	Min.	-57.07	1	-58.94	5	0.00	5	0.00	1	0.00	5	-0.66	5
-108	Max	162.06	1	5.42	5	0.00	5	0.00	5	0.00	5	1.00	5
-108	Min.	-65.92	1	0.98	5	0.00	5	0.00	5	0.00	5	-0.25	5
-107	Max	9.13	1	-0.12	1	0.00	5	0.00	5	0.00	12	0.03	5
-107	Min.	-74.79	1	-0.62	1	0.00	5	0.00	5	0.00	5	-0.64	5
-106	Max	27.03	1	2.68	5	0.00	10	0.00	5	0.00	5	0.15	5
-106	Min.	-63.86	1	-4.59	5	0.00	5	0.00	5	0.00	5	-0.13	5
-105	Max	107.74	1	26.92	5	0.00	5	0.00	1	0.00	5	0.58	1
-105	Min.	-103.09	1	-42.61	5	0.00	12	0.00	9	0.00	5	0.20	1
-104	Max	178.99	1	1.55	5	0.00	5	0.00	5	0.00	5	1.59	11
-104	Min.	-174.79	1	-5.12	5	0.00	5	0.00	5	0.00	5	0.74	1
-103	Max	141.95	1	11.47	12	0.00	5	0.00	5	0.00	5	1.56	10
-103	Min.	-135.04	1	6.36	5	0.00	5	0.00	5	0.00	12	0.50	5
-102	Max	57.42	1	82.12	5	0.00	11	0.00	5	0.00	12	0.75	1
-102	Min.	-43.26	1	-31.27	5	0.00	5	0.00	5	0.00	5	-0.21	1
-101	Max	68.81	1	4.92	5	0.00	11	0.00	5	0.00	5	1.51	12
-101	Min.	-7.10	1	-0.50	5	0.00	5	0.00	5	0.00	5	0.92	5
-100	Max	11.63	1	2.83	5	0.00	12	0.00	5	0.00	5	0.63	5
-100	Min.	-72.83	1	-2.33	5	0.00	5	0.00	5	0.00	5	-0.36	5
-99	Max	53.86	1	6.25	5	0.00	5	0.00	5	0.00	5	3.86	10
-99	Min.	-80.65	1	-60.55	5	0.00	12	0.00	12	0.00	12	1.76	1
-98	Max	66.14	1	9.09	5	0.00	5	0.00	5	0.00	5	4.06	10
-98	Min.	-42.18	1	-0.47	5	0.00	5	0.00	5	0.00	5	2.43	1
-97	Max	53.79	1	22.37	12	0.00	5	0.00	5	0.00	5	0.22	5
-97	Min.	-60.93	1	13.77	1	0.00	5	0.00	5	0.00	5	-0.29	5
-96	Max	44.91	1	10.82	12	0.00	5	0.00	5	0.00	5	-0.18	5
-96	Min.	-70.50	1	6.17	1	0.00	5	0.00	5	0.00	5	-0.69	5
-95	Max	0.03	1	3.05	5	0.00	5	0.00	5	0.00	5	-1.24	1
-95	Min.	-30.67	1	-2.91	5	0.00	5	0.00	5	0.00	11	-2.10	12
-94	Max	15.59	1	6.86	5	0.00	11	0.00	5	0.00	5	-0.65	1
-94	Min.	-23.53	1	-27.27	5	0.00	5	0.00	5	0.00	5	-1.86	1
-93	Max	16.62	1	0.89	5	0.00	5	0.00	5	0.00	11	-0.20	5
-93	Min.	-5.69	1	-2.76	5	0.00	11	0.00	5	0.00	5	-0.53	11
-92	Max	53.54	1	4.33	5	0.00	5	0.00	5	0.00	5	-0.81	5
-92	Min.	-116.10	1	-4.28	5	0.00	11	0.00	5	0.00	11	-1.72	11
-91	Max	12.69	1	13.09	5	0.00	5	0.00	5	0.00	5	0.58	1
-91	Min.	2.05	1	-40.68	5	0.00	5	0.00	5	0.00	5	-1.97	1
-90	Max	91.93	1	3.12	5	0.00	5	0.00	5	0.00	10	0.02	1
-90	Min.	-79.52	1	-3.63	5	0.00	5	0.00	5	0.00	5	-0.78	1
-89	Max	98.88	1	4.38	5	0.00	1	0.00	11	0.00	5	0.99	1
-89	Min.	-175.82	1	-3.24	5	0.00	1	0.00	1	0.00	5	-0.05	1
-88	Max	26.84	1	56.49	5	0.00	5	0.00	1	0.00	5	1.26	5
-88	Min.	-143.16	1	-59.00	5	0.00	5	0.00	1	0.00	5	-0.73	5
-87	Max	5.31	1	30.93	5	0.00	5	0.00	12	0.00	5	0.49	1
-87	Min.	-4.13	1	-36.02	5	0.00	5	0.00	5	0.00	5	-0.41	1
-86	Max	4.67	1	32.41	5	0.00	5	0.00	5	0.00	1	0.28	1
-86	Min.	-3.98	1	-21.62	5	0.00	11	0.00	11	0.00	1	-0.13	1
-85	Max	1.26	1	21.48	5	0.00	5	0.00	5	0.00	1	0.75	1
-85	Min.	-3.77	1	-20.89	5	0.00	5	0.00	5	0.00	1	-0.69	1
-84	Max	-2.24	5	99.24	5	0.00	10	0.00	5	0.00	10	0.77	1
-84	Min.	-16.58	5	-103.83	5	0.00	1	0.00	5	0.00	5	-0.06	1
-83	Max	0.35	1	2.35	5	0.00	5	0.00	5	0.00	5	0.04	5
-83	Min.	-0.30	1	-13.56	5	0.00	11	0.00	5	0.00	5	-0.03	5
-82	Max	7.14	1	177.60	5	0.00	5	0.00	5	0.00	1	0.02	1
-82	Min.	-6.01	1	6.67	5	0.00	11	0.00	11	0.00	1	-0.51	1
-81	Max	3.77	1	23.52	5	0.00	1	0.00	1	0.00	1	0.07	5
-81	Min.	-4.64	1	-3.08	5	0.00	11	0.00	12	0.00	1	-0.00	5
-80	Max	3.08	1	142.42	5	0.00	5	0.00	12	0.00	1	1.44	1
-80	Min.	-6.16	1	-18.34	5	0.00	11	0.00	5	0.00	1	0.41	1
-79	Max	11.19	5	122.73	5	0.00	1	0.00	5	0.00	1	1.39	5
-79	Min.	-1.07	5	-149.13	5	0.00	1	0.00	11	0.00	1	-0.83	5
-78	Max	-0.50	1	118.64	5	0.00	1	0.00	1	0.00	1	1.40	5
-78	Min.	-2.32	1	-141.20	5	0.00	1	0.00	1	0.00	1	-0.36	5
-77	Max	0.56	5	3.06	5	0.00	5	0.00	12	0.00	5	0.06	1
-77	Min.	-0.69	5	-22.34	5	0.00	5	0.00	5	0.00	5	-0.06	1
-76	Max	2.28	1	38.64	5	0.00	11	0.00	11	0.00	1	0.44	1

-76	Min.	-2.83	1	12.87	5	0.00	5	0.00	1	0.00	1	-0.20	1
-75	Max	5.23	1	101.24	5	0.00	12	0.00	9	0.00	1	-0.01	1
-75	Min.	-1.47	1	-48.35	5	0.00	5	0.00	1	0.00	1	-0.16	1
-74	Max	1.29	1	42.54	5	0.00	1	0.00	1	0.00	1	0.25	1
-74	Min.	0.01	1	-13.77	5	0.00	1	0.00	11	0.00	1	-0.00	1
-73	Max	1.36	1	28.46	5	0.00	1	0.00	12	0.00	1	0.01	1
-73	Min.	-2.18	1	-12.83	5	0.00	1	0.00	5	0.00	1	-0.10	1
-72	Max	3.12	1	46.68	5	0.00	1	0.00	5	0.00	1	0.22	5
-72	Min.	-3.44	1	-71.75	5	0.00	1	0.00	5	0.00	1	-0.65	5
-70	Max	22.00	1	59.39	5	0.00	1	0.00	10	0.00	5	0.63	5
-70	Min.	-14.31	1	-69.09	5	0.00	1	0.00	1	0.00	5	-0.44	5
-69	Max	83.21	1	4.93	5	0.00	1	0.00	5	0.00	1	0.54	5
-69	Min.	-18.69	1	-4.60	5	0.00	1	0.00	5	0.00	1	-0.29	5
-68	Max	86.38	1	3.34	5	0.00	1	0.00	5	0.00	10	0.33	5
-68	Min.	-12.27	1	-2.92	5	0.00	1	0.00	5	0.00	5	-0.06	5
-66	Max	4.03	1	36.73	5	0.00	1	0.00	1	0.00	1	0.00	1
-66	Min.	-6.57	1	-19.44	5	0.00	1	0.00	1	0.00	1	-0.47	1
-65	Max	-0.98	1	2.63	5	0.00	5	0.00	1	0.00	1	-0.10	1
-65	Min.	-3.98	1	-31.16	5	0.00	5	0.00	9	0.00	1	-0.74	1
-64	Max	9.98	1	42.76	5	0.00	11	0.00	1	0.00	1	0.62	1
-64	Min.	-1.60	1	-12.56	5	0.00	1	0.00	10	0.00	1	-0.04	1
-63	Max	0.64	1	110.20	5	0.00	5	0.00	1	0.00	1	2.63	12
-63	Min.	-1.89	1	-130.37	5	0.00	5	0.00	1	0.00	1	1.31	5
-62	Max	6.44	1	39.55	5	0.00	1	0.00	1	0.00	1	-0.22	5
-62	Min.	-4.28	1	-7.15	5	0.00	1	0.00	1	0.00	12	-0.42	10
-61	Max	8.12	1	0.33	1	0.00	9	0.00	5	0.00	1	0.23	5
-61	Min.	-49.29	1	-3.23	1	0.00	1	0.00	5	0.00	10	-0.40	5
-60	Max	86.60	1	11.85	5	0.00	1	0.00	5	0.00	9	0.11	5
-60	Min.	-73.31	1	-0.52	5	0.00	10	0.00	5	0.00	1	-1.52	5
-59	Max	124.89	1	109.29	5	0.00	9	0.00	12	0.00	1	0.64	1
-59	Min.	-16.12	1	14.97	5	0.00	5	0.00	1	0.00	1	-0.35	1
-58	Max	10.08	1	200.81	5	0.00	5	0.00	5	0.00	5	0.93	1
-58	Min.	-10.01	1	25.25	5	0.00	9	0.00	5	0.00	12	-1.41	1
-57	Max	-2.23	5	4.77	5	0.00	1	0.00	5	0.00	11	0.07	5
-57	Min.	-4.16	12	-15.51	5	0.00	1	0.00	5	0.00	1	-0.01	5
-56	Max	3.70	1	0.30	5	0.00	5	0.00	5	0.00	5	0.02	5
-56	Min.	-0.63	1	-0.14	5	0.00	11	0.00	5	0.00	11	-0.00	5
-55	Max	-6.53	1	0.12	1	0.00	10	0.00	5	0.00	10	0.01	5
-55	Min.	-12.38	9	-0.04	1	0.00	1	0.00	5	0.00	5	-0.02	5
-54	Max	-9.18	1	54.26	5	0.00	5	0.00	9	0.00	10	0.42	5
-54	Min.	-68.43	1	11.50	5	0.00	5	0.00	5	0.00	5	-0.16	5
-53	Max	34.97	1	155.78	5	0.00	1	0.00	5	0.00	10	2.27	12
-53	Min.	-50.01	1	-15.25	5	0.00	1	0.00	5	0.00	5	1.02	5
-52	Max	4.42	1	61.72	5	0.00	1	0.00	5	0.00	1	0.68	5
-52	Min.	-3.05	1	-68.08	5	0.00	10	0.00	10	0.00	1	-0.21	5
-51	Max	1.10	1	59.93	5	0.00	9	0.00	5	0.00	5	0.44	1
-51	Min.	-0.20	1	4.31	5	0.00	1	0.00	5	0.00	5	-0.88	1
-50	Max	1.74	1	46.53	5	0.00	1	0.00	1	0.00	1	0.42	5
-50	Min.	-2.00	1	-48.77	5	0.00	10	0.00	1	0.00	1	-0.18	5
-49	Max	1.04	1	44.38	5	0.00	1	0.00	1	0.00	1	0.86	12
-49	Min.	-0.77	1	-75.04	5	0.00	1	0.00	1	0.00	1	0.41	5
-48	Max	0.54	1	45.26	5	0.00	9	0.00	1	0.00	1	0.95	9
-48	Min.	-2.40	1	-50.63	5	0.00	1	0.00	1	0.00	1	0.57	5
-47	Max	-1.79	1	4.06	5	0.00	10	0.00	5	0.00	5	0.40	1
-47	Min.	-4.41	9	-61.45	5	0.00	1	0.00	5	0.00	5	-0.98	1
-46	Max	4.38	1	48.57	5	0.00	1	0.00	1	0.00	1	0.37	5
-46	Min.	-3.76	1	-48.37	5	0.00	1	0.00	9	0.00	1	-0.20	5
-45	Max	1.49	1	1.81	5	0.00	10	0.00	1	0.00	1	0.42	1
-45	Min.	-1.00	1	-18.93	5	0.00	1	0.00	1	0.00	1	-0.23	1
-44	Max	33.08	1	88.44	5	0.00	12	0.00	1	0.00	1	1.04	5
-44	Min.	-26.12	1	-86.29	5	0.00	1	0.00	11	0.00	1	-0.04	5
-43	Max	104.55	1	5.83	5	0.00	1	0.00	5	0.00	1	0.61	5
-43	Min.	-23.50	1	-5.55	5	0.00	1	0.00	5	0.00	9	-0.42	5
-42	Max	102.36	1	2.87	5	0.00	1	0.00	5	0.00	11	0.51	5
-42	Min.	-2.39	1	-2.42	5	0.00	9	0.00	5	0.00	5	-0.31	5
-41	Max	0.00	1	0.00	1	0.00	9	0.00	5	0.00	1	0.00	1
-41	Min.	0.00	1	0.00	1	0.00	5	0.00	5	0.00	1	0.00	1
-40	Max	16.23	1	-0.55	5	0.00	9	0.00	1	0.00	12	0.37	5
-40	Min.	-23.04	1	-20.42	5	0.00	5	0.00	10	0.00	1	-0.51	5
-39	Max	138.19	1	6.62	5	0.00	10	0.00	5	0.00	1	0.03	5
-39	Min.	10.60	1	-13.34	5	0.00	1	0.00	5	0.00	9	-0.79	5
-38	Max	152.07	1	3.56	5	0.00	10	0.00	5	0.00	1	0.44	5
-38	Min.	9.98	1	-2.75	5	0.00	5	0.00	5	0.00	1	-0.58	5
-37	Max	17.45	1	2.55	5	0.00	1	0.00	5	0.00	1	0.68	5
-37	Min.	-36.78	1	-4.06	5	0.00	1	0.00	5	0.00	9	-0.72	5
-36	Max	28.45	1	37.23	5	0.00	10	0.00	11	0.00	1	0.49	5
-36	Min.	-11.43	1	-71.68	5	0.00	1	0.00	5	0.00	1	-0.14	5
-35	Max	-13.71	1	-3.58	5	0.00	5	0.00	1	0.00	1	1.08	5
-35	Min.	-110.85	1	-106.19	5	0.00	5	0.00	1	0.00	1	-0.67	5

-34	Max	35.08	1	1.22	5	0.00	10	0.00	1	0.00	5	0.55	5
-34	Min.	0.53	1	-1.62	5	0.00	1	0.00	9	0.00	9	-0.45	5
-33	Max	-21.89	5	23.59	5	0.00	10	0.00	1	0.00	10	1.43	5
-33	Min.	-35.79	11	-43.08	5	0.00	5	0.00	1	0.00	1	-0.23	5
-32	Max	34.35	1	1.58	5	0.00	9	0.00	5	0.00	1	0.74	5
-32	Min.	9.84	1	-5.33	5	0.00	1	0.00	5	0.00	10	-0.65	5
-31	Max	-37.55	5	3.88	5	0.00	12	0.00	1	0.00	12	0.57	5
-31	Min.	-56.98	9	-4.73	5	0.00	1	0.00	1	0.00	5	-0.60	5
-30	Max	14.16	1	112.06	5	0.00	10	0.00	10	0.00	1	-0.36	5
-30	Min.	-5.15	1	-120.16	5	0.00	1	0.00	1	0.00	1	-1.37	5
-29	Max	9.39	1	23.77	5	0.00	5	0.00	11	0.00	9	0.52	1
-29	Min.	-8.36	1	-114.71	5	0.00	9	0.00	5	0.00	1	-0.49	1
-28	Max	0.15	1	36.34	5	0.00	1	0.00	10	0.00	1	1.45	12
-28	Min.	-6.27	1	-119.06	5	0.00	9	0.00	1	0.00	1	0.81	1
-27	Max	2.69	1	114.58	5	0.00	1	0.00	1	0.00	1	1.20	5
-27	Min.	-4.21	1	-90.22	5	0.00	10	0.00	1	0.00	1	-0.27	5
-26	Max	4.59	10	134.45	5	0.00	1	0.00	1	0.00	1	-1.49	5
-26	Min.	1.51	1	-130.62	5	0.00	1	0.00	1	0.00	1	-3.61	11
-25	Max	10.98	5	141.28	5	0.00	1	0.00	1	0.00	1	0.53	5
-25	Min.	0.74	5	-120.17	5	0.00	1	0.00	1	0.00	1	-1.40	5
-24	Max	2.49	1	47.96	5	0.00	5	0.00	5	0.00	1	0.27	1
-24	Min.	-1.58	1	-70.24	5	0.00	12	0.00	5	0.00	1	-0.15	1
-23	Max	3.18	1	27.21	5	0.00	1	0.00	5	0.00	1	0.18	5
-23	Min.	-2.47	1	-130.03	5	0.00	1	0.00	5	0.00	1	0.03	5
-22	Max	1.24	1	25.85	5	0.00	5	0.00	1	0.00	1	1.20	9
-22	Min.	-3.41	1	-100.97	5	0.00	5	0.00	12	0.00	1	0.73	1
-21	Max	-2.67	5	106.49	5	0.00	5	0.00	5	0.00	1	-1.10	5
-21	Min.	-15.74	5	-110.22	5	0.00	5	0.00	5	0.00	1	-2.21	11
-20	Max	0.48	1	7.85	5	0.00	12	0.00	1	0.00	5	0.22	1
-20	Min.	-0.86	1	-24.35	5	0.00	5	0.00	12	0.00	5	-0.01	1
-19	Max	0.43	1	24.03	5	0.00	5	0.00	5	0.00	1	0.11	1
-19	Min.	-5.77	1	-38.38	5	0.00	5	0.00	5	0.00	1	-0.47	1
-18	Max	1.65	1	10.79	5	0.00	5	0.00	5	0.00	1	-0.00	5
-18	Min.	-3.70	1	-17.56	5	0.00	5	0.00	12	0.00	1	-0.09	5
-17	Max	4.92	1	17.54	5	0.00	5	0.00	10	0.00	10	0.46	1
-17	Min.	-2.36	1	-53.36	5	0.00	5	0.00	1	0.00	1	-0.18	1
-16	Max	140.28	5	60.42	5	0.00	1	0.00	1	0.00	1	0.71	5
-16	Min.	-29.53	5	-121.86	5	0.00	1	0.00	1	0.00	1	-1.52	5
-15	Max	160.59	1	-1.81	1	0.00	5	0.00	5	0.00	5	1.30	1
-15	Min.	-122.58	1	-7.92	1	0.00	5	0.00	5	0.00	5	-0.46	1
-14	Max	96.39	1	6.55	5	0.00	5	0.00	5	0.00	5	0.86	1
-14	Min.	-125.69	1	-2.80	5	0.00	5	0.00	5	0.00	5	-0.47	1
-13	Max	69.39	1	49.22	5	0.00	5	0.00	5	0.00	1	0.83	1
-13	Min.	-55.38	1	-30.33	5	0.00	5	0.00	5	0.00	1	-0.67	1
-12	Max	179.94	1	5.40	5	0.00	5	0.00	5	0.00	5	0.56	5
-12	Min.	-92.82	1	-3.31	5	0.00	12	0.00	5	0.00	5	-0.80	5
-11	Max	129.23	1	-0.15	5	0.00	12	0.00	5	0.00	11	0.05	1
-11	Min.	-90.80	1	-1.96	5	0.00	5	0.00	5	0.00	5	-0.38	1
-10	Max	94.60	1	-10.44	5	0.00	12	0.00	5	0.00	5	0.21	1
-10	Min.	-28.72	1	-96.66	5	0.00	5	0.00	5	0.00	5	-0.61	1
-9	Max	71.17	1	-0.04	5	0.00	5	0.00	5	0.00	5	-0.65	5
-9	Min.	-22.60	1	-7.03	5	0.00	5	0.00	5	0.00	5	-1.64	11
-8	Max	2.91	1	5.79	5	0.00	5	0.00	5	0.00	12	1.29	5
-8	Min.	-99.21	1	-3.76	5	0.00	5	0.00	5	0.00	5	-0.21	5
-7	Max	17.21	1	49.18	5	0.00	5	0.00	5	0.00	5	1.19	1
-7	Min.	-102.83	1	-23.26	5	0.00	12	0.00	11	0.00	5	0.16	1
-6	Max	98.24	1	-0.74	5	0.00	5	0.00	5	0.00	5	0.19	1
-6	Min.	-137.58	1	-2.34	5	0.00	5	0.00	5	0.00	5	-0.09	1
-5	Max	108.06	1	4.96	5	0.00	5	0.00	5	0.00	5	0.08	5
-5	Min.	-207.44	1	-2.53	5	0.00	5	0.00	5	0.00	12	-1.39	5
-4	Max	58.25	1	40.37	5	0.00	5	0.00	1	0.00	1	-0.09	1
-4	Min.	-74.28	1	-21.35	5	0.00	5	0.00	11	0.00	1	-1.12	1
-3	Max	115.10	1	4.68	5	0.00	5	0.00	5	0.00	5	1.48	9
-3	Min.	-115.41	1	-4.42	5	0.00	5	0.00	5	0.00	5	0.64	1
-2	Max	129.61	1	5.41	5	0.00	5	0.00	12	0.00	5	1.45	1
-2	Min.	-188.09	1	-3.85	5	0.00	5	0.00	5	0.00	5	0.08	1
-1	Max	30.24	1	57.48	5	0.00	1	0.00	5	0.00	5	0.58	5
-1	Min.	-143.44	1	-65.42	5	0.00	1	0.00	5	0.00	5	-0.77	5

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
-2178	Max	363.71	11

Nodo		σ_t <kN/mq>	CC
-2178	Min.	169.85	5

Nodo		σ_t <kN/mq>	CC
-2157	Max	326.38	11

Nodo		σ_t <kN/mq>	CC
-2157	Min.	177.13	5

-2130	Max	376.25	11	-2130	Min.	147.53	5	-2126	Max	369.92	11	-2126	Min.	147.40	5
-2108	Max	311.61	12	-2108	Min.	194.36	5	-2088	Max	344.29	12	-2088	Min.	152.61	5
-2073	Max	322.56	12	-2073	Min.	143.67	5	-2065	Max	277.24	12	-2065	Min.	153.10	5
-2063	Max	261.40	12	-2063	Min.	166.30	5	-2021	Max	351.65	11	-2021	Min.	178.68	5
-2019	Max	342.13	11	-2019	Min.	189.45	5	-2017	Max	335.64	11	-2017	Min.	197.19	5
-2015	Max	334.47	11	-2015	Min.	198.54	5	-1958	Max	321.36	10	-1958	Min.	202.07	1
-1937	Max	317.37	10	-1937	Min.	213.81	1	-109	Max	423.43	5	-109	Min.	139.03	5
-108	Max	368.83	11	-108	Min.	138.81	5	-107	Max	377.57	11	-107	Min.	145.84	5
-106	Max	380.61	11	-106	Min.	148.40	5	-105	Max	380.72	11	-105	Min.	151.23	5
-104	Max	373.25	11	-104	Min.	156.61	5	-103	Max	372.51	11	-103	Min.	158.39	5
-102	Max	367.73	11	-102	Min.	155.47	5	-101	Max	363.98	11	-101	Min.	153.12	5
-100	Max	364.27	11	-100	Min.	151.64	5	-99	Max	366.30	11	-99	Min.	152.32	5
-98	Max	361.98	11	-98	Min.	148.67	5	-97	Max	360.84	11	-97	Min.	147.40	5
-96	Max	361.46	11	-96	Min.	146.68	5	-95	Max	362.68	11	-95	Min.	146.68	5
-94	Max	366.99	11	-94	Min.	147.13	5	-93	Max	368.67	11	-93	Min.	147.30	5
-92	Max	375.15	11	-92	Min.	147.63	5	-91	Max	378.48	11	-91	Min.	146.94	5
-90	Max	378.68	11	-90	Min.	145.65	5	-89	Max	372.96	11	-89	Min.	140.96	5
-88	Max	420.14	5	-88	Min.	136.82	5	-87	Max	354.18	11	-87	Min.	172.40	5
-86	Max	359.07	11	-86	Min.	170.95	5	-85	Max	341.22	11	-85	Min.	165.51	5
-84	Max	384.26	11	-84	Min.	162.32	5	-83	Max	268.73	11	-83	Min.	139.45	5
-82	Max	336.61	11	-82	Min.	184.66	5	-81	Max	318.95	11	-81	Min.	182.44	5
-80	Max	347.22	11	-80	Min.	190.15	5	-79	Max	381.21	9	-79	Min.	170.87	1
-78	Max	370.54	10	-78	Min.	176.81	1	-77	Max	244.54	11	-77	Min.	151.79	5
-76	Max	304.17	11	-76	Min.	192.23	5	-75	Max	317.15	11	-75	Min.	196.38	5
-74	Max	311.14	11	-74	Min.	205.37	5	-73	Max	329.38	9	-73	Min.	201.34	1
-72	Max	385.93	9	-72	Min.	180.74	1	-71	Max	326.87	9	-71	Min.	201.61	1
-70	Max	386.07	9	-70	Min.	182.52	1	-69	Max	347.72	9	-69	Min.	186.60	1
-68	Max	317.37	9	-68	Min.	196.38	1	-67	Max	323.77	9	-67	Min.	200.71	1
-66	Max	325.38	9	-66	Min.	201.69	1	-65	Max	294.06	10	-65	Min.	197.62	1
-64	Max	308.75	10	-64	Min.	205.76	5	-63	Max	366.45	10	-63	Min.	185.97	1
-62	Max	319.33	9	-62	Min.	201.31	1	-61	Max	316.65	9	-61	Min.	200.99	1
-60	Max	315.75	9	-60	Min.	207.10	1	-59	Max	294.42	10	-59	Min.	198.47	1
-58	Max	273.77	12	-58	Min.	188.67	5	-57	Max	268.67	12	-57	Min.	178.43	5
-56	Max	272.56	12	-56	Min.	179.97	5	-55	Max	287.06	12	-55	Min.	188.91	5
-54	Max	291.56	12	-54	Min.	192.16	5	-53	Max	321.47	10	-53	Min.	194.83	1
-52	Max	385.12	9	-52	Min.	187.25	1	-51	Max	315.80	9	-51	Min.	200.55	1
-50	Max	384.47	9	-50	Min.	188.90	1	-49	Max	367.76	10	-49	Min.	193.50	1
-48	Max	367.93	10	-48	Min.	194.92	1	-47	Max	314.31	10	-47	Min.	190.03	1
-46	Max	383.38	9	-46	Min.	187.70	1	-45	Max	308.80	9	-45	Min.	195.96	1
-44	Max	381.97	9	-44	Min.	185.17	1	-43	Max	349.24	9	-43	Min.	188.87	1
-42	Max	314.30	9	-42	Min.	194.30	1	-41	Max	309.74	9	-41	Min.	195.14	1
-40	Max	307.81	9	-40	Min.	195.14	1	-39	Max	302.52	9	-39	Min.	195.06	1
-38	Max	274.92	10	-38	Min.	184.32	1	-37	Max	270.69	10	-37	Min.	179.88	1
-36	Max	266.10	10	-36	Min.	177.45	1	-35	Max	293.20	12	-35	Min.	196.10	5
-34	Max	320.32	10	-34	Min.	197.87	1	-33	Max	309.51	10	-33	Min.	186.94	1
-32	Max	302.73	10	-32	Min.	182.13	1	-31	Max	324.46	10	-31	Min.	180.13	1
-30	Max	366.40	10	-30	Min.	191.97	1	-29	Max	304.52	9	-29	Min.	192.32	1
-28	Max	307.26	10	-28	Min.	184.55	1	-27	Max	375.17	9	-27	Min.	176.13	1
-26	Max	359.81	10	-26	Min.	178.78	1	-25	Max	365.56	9	-25	Min.	166.41	1
-24	Max	322.98	12	-24	Min.	173.86	5	-23	Max	320.66	12	-23	Min.	167.26	5
-22	Max	327.76	12	-22	Min.	168.57	5	-21	Max	360.18	5	-21	Min.	161.95	5
-20	Max	338.76	12	-20	Min.	159.81	5	-19	Max	330.20	12	-19	Min.	161.34	5
-18	Max	340.84	12	-18	Min.	157.35	5	-17	Max	335.00	12	-17	Min.	156.91	5
-16	Max	422.95	5	-16	Min.	129.97	5	-15	Max	360.48	5	-15	Min.	133.36	5
-14	Max	359.23	5	-14	Min.	138.97	5	-13	Max	353.38	5	-13	Min.	142.34	5
-12	Max	336.19	5	-12	Min.	144.00	5	-11	Max	325.90	12	-11	Min.	143.94	5
-10	Max	318.47	5	-10	Min.	137.96	5	-9	Max	317.08	5	-9	Min.	136.96	5
-8	Max	329.75	5	-8	Min.	144.37	5	-7	Max	337.24	12	-7	Min.	147.96	5
-6	Max	344.85	12	-6	Min.	152.02	5	-5	Max	347.21	5	-5	Min.	149.43	5
-4	Max	362.93	5	-4	Min.	143.53	5	-3	Max	366.43	5	-3	Min.	141.94	5
-2	Max	364.46	5	-2	Min.	135.65	5	-1	Max	419.17	5	-1	Min.	129.43	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
-τc0 <daN/cmq>	6.70
-τc1 <daN/cmq>	19.70
-Riduci Fcd per tutte le verifiche secondo il D.M. 08	Si
-γ_c 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
-γ_s 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. Ωb	
Integrare lo scorrimento lungo il tratto	No
-Coeff. β	
Tipo verifica di stabilità	
-Per N*Ω-M e per N-c*M (standard)	Si
-Per N*Ω-c*M (doppia)	No
-Per N*Ω (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

Specifici	**1**
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/cmq>	
-Assiale parallelo alle fibre (E_0) <daN/cmq>	
-Tangenziale (G) <daN/cmq>	
-Torsionale (G_T) <daN/cmq>	
-Tensioni ammissibili	
-Flessione (σ_m) <daN/cmq>	
-Compressione parallela alle fibre (σ_n) <daN/cmq>	
-Trazione parallela alle fibre (σ_t) <daN/cmq>	
-Taglio (τ) <daN/cmq>	
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/cmq>	100000.00
-Caratteristico parallelo alle fibre($E_{0,05}$) <daN/cmq>	67000.00
-Tangenziale medio (G_{mean}) <daN/cmq>	6300.00
-Resistenze caratteristiche	
-Flessione($f_{m,k}$) <daN/cmq>	280.00
-Compressione parallela alle fibre($f_{c,0,k}$) <daN/cmq>	220.00
-Trazione parallela alle fibre($f_{t,0,k}$) <daN/cmq>	170.00
-Taglio($f_{v,k}$) <daN/cmq>	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)	-Sempre
-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	-Mai
-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**	**15**	**16**
Materiali			
Muratura			
-Considera come elementi esistenti	Si	Si	Si
-Livello di conoscenza	LC2	LC2	LC2
-Fattore di confidenza	1.20	1.20	1.20
-Resistenza a taglio (τ_k - f_{vk0}) <daN/cmq>	0.65	1.90	0.10
-Resistenza a compressione (σ_k - f_{bk}) <daN/cmq>	32.00	93.60	4.80
-Resistenza a compressione per forze orizzontali (f_{bk}*) <daN/cmq>	30.00	30.00	3.00
-Modulo elastico (E) <daN/cmq>	8700.00	13050.00	1305.00
-Modulo elastico tangenziale (G) <daN/cmq>	2900.00	4350.00	435.00
-Acciaio per muratura armata			
-Tipo di acciaio (B450A÷B450C)	B450C	B450C	B450C
-Modulo elastico <daN/cmq>	2.06E+06	2.06E+06	2.06E+05
-Tensione caratteristica di snervamento (Fyk) <daN/cmq>	4500.00	4500.00	450.00
- γ_s per stati limite ultimi			
-Automatico	x	x	x
-Pari a			
Verifiche per carichi verticali			
Coeff. γ per verifiche per carichi verticali secondo D.M. 08	3.00	3.00	3.00
Lunghezza appoggio solai			
-Pari a <cm>			
-Come multiplo dello spessore della parete pari a	0.66	0.66	0.66
Trascura eccentricità per solai continui	Si	Si	Si
Verifiche per azioni orizzontali			
Coeff. γ per verifiche per azioni sismiche secondo D.M. 08	2.00	2.00	2.00
Resistenza ad azioni sismiche nel piano			
-Parete non resistente			
-Parete non resistente se L/H minore di	0.30	0.30	0.30
Considera appoggio sui solai anche per carichi sismici	Si	Si	Si
Verifiche con metodo POR			
Precompressione verticale (σ_y) <daN/cmq>	0.00	0.00	0.00
Precompressione orizzontale (σ_x) <daN/cmq>	0.00	0.00	0.00
Duttilità (μ)	1.50	1.50	1.50
Comportamento maschi murari			
Plasticizzazione per taglio	Si	Si	Si
Rottura a taglio	Si	Si	Si
-Rottura a taglio per scorrimento			
-Rottura a taglio per fessurazione diagonale	x	x	x
-Spostamento ultimo per muratura esistente <%>	0.40	0.40	0.40
-Spostamento ultimo per muratura nuova <%>	0.40	0.40	0.40
Plasticizzazione per pressoflessione	Si	Si	Si
Rottura per pressoflessione	Si	Si	Si
-Spostamento ultimo per muratura esistente <%>	0.60	0.60	0.60
-Spostamento ultimo per muratura nuova <%>	0.80	0.80	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	x	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	x	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	x	x
-Spostamento ultimo per muratura esistente <%>	0.00	0.00	0.00
-Spostamento ultimo per muratura nuova <%>	0.00	0.00	0.00
Modalità di rottura per pressoflessione			
-Comportamento elastico plastico indefinito		x	x
-Comportamento elastico plastico-fragile			
-Comportamento elastico-fragile	x		
-Spostamento ultimo per muratura esistente <%>	0.00	0.00	0.00
-Spostamento ultimo per muratura nuova <%>	0.00	0.00	0.00
Parametri di progetto muratura armata			
Armatura verticale concentrata negli incroci/spigoli			
-Diametro <mm>	16.00	16.00	16.00
-Armatura nella prima posizione			
-Tipo 1	x	x	x
-Tipo 2			
-Tipo 3			
-Tipo 4			
-Tipo 5			
-Distanza fra ferri <cm>	2.00	2.00	20.00
-Armatura nella seconda posizione	No	No	No
-Tipo 1	x	x	x
-Tipo 2			
-Tipo 3			
-Tipo 4			
-Tipo 5			
-Distanza dalla prima posizione <cm>	25.00	25.00	250.00
-Distanza fra ferri <cm>	2.00	2.00	20.00
-Armatura nella terza posizione	No	No	No
-Tipo 1	x	x	x
-Tipo 2			
-Tipo 3			
-Tipo 4			
-Tipo 5			
-Distanza dalla seconda posizione <cm>	25.00	25.00	250.00
-Distanza fra ferri <cm>	2.00	2.00	20.00
Armatura distribuita			
-Diametro <mm>	10.00	10.00	10.00
-Passo <cm>	150.00	150.00	1500.00
Armatura orizzontale			
-Copriferro <cm>	5.00	5.00	50.00
-Diametro <mm>	6.00	6.00	6.00
-Passo <cm>	40.00	40.00	400.00
Lunghezza ancoraggi armature <m>	1.00	1.00	1000.00

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	0.16	0.43	0.43
1	2.04	0.00	0.16	0.61	0.61
1	4.07	0.00	0.12	0.46	0.46

1	4.07	0.00	0.14	0.43	0.43
1	6.33	0.00	0.11	0.63	0.63
1	8.58	0.00	0.09	0.41	0.41
1	8.58	0.00	0.21	0.46	0.46
1	10.46	0.00	0.16	0.53	0.53
2	0.00	0.11	0.18	0.55	0.55
2	2.04	0.02	0.22	0.87	0.87
2	4.07	0.01	0.15	0.44	0.44
2	4.07	0.11	0.17	0.42	0.42
2	6.33	0.08	0.14	0.71	0.71
2	8.58	0.07	0.10	0.19	0.19
2	8.58	0.05	0.09	0.25	0.25
2	10.46	0.05	0.11	0.36	0.36
3	0.00	0.28	0.22	0.64	0.64
3	2.04	0.07	0.23	0.88	0.88
3	4.07	0.02	0.18	0.10	0.18
3	4.07	0.09	0.17	0.60	0.60
3	6.33	0.08	0.15	0.78	0.78
3	8.58	0.17	0.11	0.18	0.18
3	8.58	0.03	0.09	0.42	0.42
3	10.46	0.04	0.07	0.59	0.59
4	0.00	0.31	0.24	0.63	0.63
4	2.04	0.07	0.21	0.83	0.83
4	4.07	0.02	0.20	0.06	0.20
4	4.07	0.07	0.21	0.54	0.54
4	6.33	0.08	0.18	0.73	0.73
4	8.58	0.19	0.11	0.17	0.19
4	8.58	0.02	0.08	0.21	0.21
4	10.46	0.01	0.10	0.61	0.61
5	0.00	0.17	0.14	0.51	0.51
5	2.04	0.14	0.22	0.78	0.78
5	4.07	0.01	0.15	0.39	0.39
5	4.07	0.15	0.17	0.37	0.37
5	6.33	0.02	0.16	0.66	0.66
5	8.58	0.14	0.10	0.16	0.16
5	8.58	0.03	0.08	0.36	0.36
5	10.46	0.03	0.06	0.31	0.31
6	0.00	0.00	0.29	0.39	0.39
6	2.04	0.00	0.17	0.55	0.55
6	4.07	0.00	0.12	0.46	0.46
6	4.07	0.00	0.14	0.38	0.38
6	6.33	0.00	0.11	0.56	0.56
6	8.58	0.00	0.10	0.32	0.32
6	8.58	0.00	0.06	0.26	0.26
6	10.46	0.00	0.14	0.29	0.29
7	0.00	0.00	0.26	0.62	0.62
7	2.04	0.00	0.22	0.78	0.78
8	0.00	0.08	0.28	0.56	0.56
8	2.04	0.02	0.26	0.64	0.64
9	0.00	0.19	0.84	0.59	0.84
9	2.04	0.06	0.72	0.66	0.72
9	4.07	0.08	0.60	0.43	0.60
9	4.07	0.05	0.64	0.76	0.76
9	6.33	0.07	0.45	0.79	0.79
9	8.58	0.04	0.30	0.63	0.63
9	8.58	0.04	0.37	0.36	0.37
9	10.46	0.08	0.29	0.34	0.34
10	0.00	0.06	0.68	0.51	0.68
10	2.04	0.01	0.62	0.57	0.62
10	4.07	0.03	0.47	0.48	0.48
10	4.07	0.04	0.39	0.66	0.66
10	6.33	0.06	0.37	0.60	0.60
10	8.58	0.03	0.49	0.50	0.50
10	8.58	0.06	0.16	0.36	0.36
10	10.46	0.09	0.21	0.29	0.29
11	0.00	0.00	0.44	0.08	0.44
11	2.04	0.00	0.36	0.10	0.36
11	4.07	0.00	0.17	0.11	0.17
11	4.07	0.00	0.26	0.78	0.78
11	6.33	0.00	0.24	0.77	0.77
11	8.58	0.00	0.19	0.51	0.51
11	8.58	0.00	0.15	0.52	0.52
11	10.46	0.00	0.11	0.15	0.15
12	0.00	0.00	0.43	0.16	0.43
12	2.04	0.00	0.45	0.11	0.45
13	0.00	0.00	0.64	0.65	0.65
13	2.04	0.00	0.75	0.94	0.94
14	0.00	0.00	0.38	0.61	0.61
14	2.04	0.00	0.33	0.73	0.73

14	4.07	0.00	0.21	0.11	0.21
14	4.07	0.00	0.73	0.62	0.73
14	6.33	0.00	0.61	0.58	0.61
14	8.58	0.00	0.47	0.29	0.47
14	8.58	0.00	0.36	0.35	0.36
14	10.46	0.00	0.29	0.62	0.62
15	0.00	0.00	0.65	0.88	0.88
15	2.04	0.00	0.68	0.85	0.85
16	0.00	0.08	0.78	0.47	0.78
16	2.04	0.03	0.72	0.52	0.72
16	4.07	0.02	0.54	0.28	0.54
16	4.07	0.06	0.42	0.49	0.49
16	6.33	0.05	0.31	0.39	0.39
16	8.58	0.11	0.31	0.33	0.33
16	8.58	0.15	0.18	0.31	0.31
16	10.46	0.19	0.29	0.24	0.29
17	0.00	0.00	0.35	0.66	0.66
17	2.04	0.00	0.34	0.94	0.94
17	4.07	0.00	0.26	0.64	0.64
17	4.07	0.00	0.28	0.77	0.77
17	6.33	0.00	0.23	0.90	0.90
17	8.58	0.00	0.15	0.53	0.53
17	8.58	0.00	0.27	0.50	0.50
17	10.46	0.00	0.24	0.60	0.60
18	0.00	0.20	0.15	0.38	0.38
18	2.04	0.07	0.22	0.78	0.78
18	4.07	0.01	0.15	0.40	0.40
18	4.07	0.13	0.18	0.47	0.47
18	6.33	0.21	0.13	0.53	0.53
18	8.58	0.06	0.11	0.61	0.61
18	8.58	0.09	0.15	0.29	0.29
18	10.46	0.01	0.12	0.38	0.38
19	0.00	0.07	0.21	0.56	0.56
19	2.04	0.08	0.22	0.62	0.62
19	4.07	0.03	0.23	0.47	0.47
19	4.07	0.03	0.22	0.76	0.76
19	6.33	0.01	0.13	0.57	0.57
19	8.58	0.10	0.14	0.66	0.66
19	8.58	0.05	0.20	0.69	0.69
19	10.46	0.13	0.10	0.25	0.25
20	0.00	0.00	0.24	0.49	0.49
20	2.04	0.00	0.20	0.26	0.26
20	4.07	0.00	0.21	0.46	0.46
20	4.07	0.00	0.18	0.51	0.51
20	6.33	0.00	0.15	0.67	0.67
20	8.58	0.00	0.11	0.63	0.63
20	8.58	0.00	0.17	0.34	0.34
20	10.46	0.00	0.16	0.40	0.40
21	0.00	0.00	0.24	0.78	0.78
21	2.04	0.00	0.19	0.87	0.87
21	4.07	0.00	0.25	0.54	0.54
21	4.07	0.00	0.28	0.66	0.66
21	6.33	0.00	0.12	0.79	0.79
21	8.58	0.00	0.17	0.45	0.45
21	8.58	0.00	0.23	0.45	0.45
21	10.46	0.00	0.11	0.58	0.58
22	0.00	0.26	0.27	0.67	0.67
22	2.04	0.11	0.24	0.87	0.87
22	4.07	0.07	0.18	0.18	0.18
22	4.07	0.11	0.20	0.24	0.24
22	6.33	0.15	0.15	0.96	0.96
22	8.58	0.15	0.12	0.17	0.17
22	8.58	0.02	0.15	0.10	0.15
22	10.46	0.01	0.13	0.56	0.56
23	0.00	0.21	0.20	0.49	0.49
23	2.04	0.07	0.24	0.63	0.63
23	4.07	0.01	0.16	0.32	0.32
23	4.07	0.14	0.18	0.42	0.42
23	6.33	0.19	0.13	0.56	0.56
23	8.58	0.16	0.10	0.25	0.25
23	8.58	0.02	0.12	0.18	0.18
23	10.46	0.07	0.12	0.34	0.34
24	0.00	0.00	0.25	0.53	0.53
24	2.04	0.00	0.18	0.55	0.55
24	4.07	0.00	0.12	0.40	0.40
24	4.07	0.00	0.14	0.54	0.54
24	6.33	0.00	0.10	0.64	0.64
24	8.58	0.00	0.07	0.37	0.37
24	8.58	0.00	0.05	0.26	0.26

24	10.46	0.00	0.10	0.42	0.42
25	0.00	0.07	0.26	0.48	0.48
25	2.04	0.07	0.17	0.52	0.52
25	4.07	0.09	0.17	0.54	0.54
25	4.07	0.13	0.17	0.50	0.50
25	6.33	0.09	0.11	0.59	0.59
25	8.58	0.09	0.09	0.50	0.50
25	8.58	0.09	0.30	0.79	0.79
25	10.46	0.25	0.21	0.88	0.88
26	0.00	0.03	0.27	0.48	0.48
26	2.04	0.04	0.17	0.52	0.52
26	4.07	0.08	0.17	0.54	0.54
26	4.07	0.14	0.15	0.47	0.47
26	6.33	0.07	0.11	0.60	0.60
26	8.58	0.12	0.09	0.44	0.44
26	8.58	0.07	0.17	0.76	0.76
26	10.46	0.15	0.23	0.90	0.90
27	0.00	0.05	0.71	0.65	0.71
27	2.04	0.06	0.65	0.78	0.78
27	4.07	0.10	0.58	0.60	0.60
27	4.07	0.09	0.47	0.90	0.90
27	6.33	0.03	0.40	0.88	0.88
27	8.58	0.04	0.38	0.61	0.61
27	8.58	0.05	0.20	0.65	0.65
27	10.46	0.04	0.23	0.65	0.65
28	0.00	0.00	0.46	0.46	0.46
28	2.04	0.00	0.48	0.46	0.48
29	0.00	0.13	0.57	0.55	0.57
29	2.04	0.09	0.52	0.62	0.62
29	4.07	0.05	0.56	0.38	0.56
29	4.07	0.08	0.55	0.70	0.70
29	6.33	0.07	0.44	0.66	0.66
29	8.58	0.04	0.40	0.39	0.40
29	8.58	0.06	0.22	0.59	0.59
29	10.46	0.13	0.23	0.52	0.52
30	0.00	0.00	0.49	0.38	0.49
30	2.04	0.00	0.49	0.50	0.50
30	4.07	0.00	0.25	0.39	0.39
30	4.07	0.00	0.88	0.62	0.88
30	6.33	0.00	0.67	0.47	0.67
30	8.58	0.00	0.40	0.12	0.40
30	8.58	0.00	0.53	0.30	0.53
30	10.46	0.00	0.46	0.12	0.46
31	0.00	0.08	0.80	0.40	0.80
31	2.04	0.01	0.76	0.47	0.76
31	4.07	0.03	0.54	0.34	0.54
31	4.07	0.03	0.53	0.62	0.62
31	6.33	0.03	0.36	0.58	0.58
31	8.58	0.01	0.34	0.41	0.41
31	8.58	0.02	0.28	0.25	0.28
31	10.46	0.03	0.37	0.25	0.37
32	0.00	0.00	0.56	0.76	0.76
32	2.04	0.00	0.50	0.91	0.91
32	4.07	0.00	0.40	0.65	0.65
32	4.07	0.00	0.48	0.65	0.65
32	6.33	0.00	0.37	0.45	0.45
32	8.58	0.00	0.45	0.41	0.45
32	8.58	0.00	0.20	0.27	0.27
32	10.46	0.00	0.09	0.53	0.53
33	0.00	0.15	0.83	0.77	0.83
33	2.04	0.07	0.72	0.89	0.89
33	4.07	0.08	0.55	0.51	0.55
33	4.07	0.16	0.57	0.89	0.89
33	6.33	0.07	0.46	0.93	0.93
33	8.58	0.19	0.46	0.54	0.54
33	8.58	0.11	0.30	0.32	0.32
33	10.46	0.03	0.24	0.61	0.61
34	0.00	0.00	0.22	0.37	0.37
34	2.04	0.00	0.24	0.37	0.37
34	4.07	0.00	0.25	0.42	0.42
34	4.07	0.00	0.23	0.71	0.71
34	6.33	0.00	0.17	0.45	0.45
34	8.58	0.00	0.16	0.41	0.41
34	8.58	0.00	0.25	0.57	0.57
34	10.46	0.00	0.34	0.35	0.35
35	0.00	0.08	0.38	0.36	0.38
35	2.04	0.04	0.35	0.39	0.39
35	4.07	0.01	0.22	0.25	0.25
35	4.07	0.04	0.64	0.72	0.72

35	6.33	0.06	0.51	0.74	0.74
35	8.58	0.03	0.44	0.47	0.47
35	8.58	0.01	0.42	0.42	0.42
35	10.46	0.00	0.37	0.37	0.37
36	0.00	0.16	0.50	0.79	0.79
36	2.04	0.09	0.39	0.99	0.99
37	0.00	0.00	0.37	0.74	0.74
37	2.04	0.00	0.33	0.82	0.82
37	4.07	0.00	0.20	0.27	0.27
37	4.07	0.00	0.73	0.49	0.73
37	6.33	0.00	0.68	0.39	0.68
37	8.58	0.00	0.50	0.03	0.50
37	8.58	0.00	0.32	0.52	0.52
37	10.46	0.00	0.21	0.34	0.34
38	0.00	0.00	0.61	0.52	0.61
38	2.04	0.00	0.57	0.58	0.58
38	4.07	0.00	0.55	0.52	0.55
38	4.07	0.00	0.49	0.76	0.76
38	6.33	0.00	0.41	0.68	0.68
38	8.58	0.00	0.32	0.25	0.32
38	8.58	0.00	0.20	0.25	0.25
38	10.46	0.00	0.18	0.24	0.24
39	0.00	0.00	0.21	0.45	0.45
39	2.04	0.00	0.19	0.50	0.50
39	4.07	0.00	0.18	0.39	0.39
39	4.07	0.00	0.44	0.66	0.66
39	6.33	0.00	0.35	0.67	0.67
39	8.58	0.00	0.22	0.57	0.57
39	8.58	0.00	0.31	0.99	0.99
39	10.46	0.00	0.21	0.97	0.97
40	0.00	0.00	0.52	0.21	0.52
40	2.04	0.00	0.51	0.16	0.51
41	0.00	0.06	0.66	0.79	0.79
41	2.04	0.03	0.63	0.88	0.88
41	4.07	0.03	0.58	0.54	0.58
41	4.07	0.07	0.53	0.91	0.91
41	6.33	0.07	0.40	0.97	0.97
41	8.58	0.07	0.28	0.60	0.60
41	8.58	0.04	0.38	0.65	0.65
41	10.46	0.01	0.27	0.61	0.61
42	0.00	0.00	0.40	0.62	0.62
42	2.04	0.00	0.39	0.62	0.62
42	4.07	0.00	0.26	0.42	0.42
42	4.07	0.00	0.24	0.45	0.45
42	6.33	0.00	0.21	0.55	0.55
42	8.58	0.00	0.18	0.24	0.24
42	8.58	0.00	0.11	0.81	0.81
42	10.46	0.00	0.08	0.25	0.25
43	0.00	0.00	0.45	0.41	0.45
43	2.04	0.00	0.38	0.18	0.38
43	4.07	0.00	0.20	0.17	0.20
43	4.07	0.00	0.30	0.43	0.43
43	6.33	0.00	0.21	0.38	0.38
44	0.00	0.02	0.62	0.59	0.62
44	2.04	0.02	0.58	0.69	0.69
44	4.07	0.07	0.51	0.72	0.72
44	4.07	0.07	0.41	0.96	0.96
44	6.33	0.04	0.36	0.82	0.82
44	8.58	0.03	0.31	0.54	0.54
44	8.58	0.07	0.15	0.41	0.41
44	10.46	0.05	0.20	0.28	0.28
45	0.00	0.05	0.21	0.42	0.42
45	2.04	0.05	0.14	0.46	0.46
45	4.07	0.07	0.14	0.57	0.57
45	4.07	0.02	0.15	0.60	0.60
45	6.33	0.07	0.10	0.53	0.53
45	8.58	0.10	0.09	0.64	0.64
45	8.58	0.17	0.07	0.48	0.48
45	10.46	0.24	0.14	0.38	0.38
46	0.00	0.05	0.26	0.45	0.45
46	2.04	0.07	0.14	0.48	0.48
46	4.07	0.10	0.14	0.60	0.60
46	4.07	0.02	0.15	0.59	0.59
46	6.33	0.06	0.09	0.52	0.52
46	8.58	0.06	0.08	0.60	0.60
46	8.58	0.18	0.07	0.49	0.49
46	10.46	0.28	0.13	0.37	0.37

Verifiche cinematismi

Num.	Comm.	An.	TCC	α (A_g)
1	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.6523
1	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.1628
1	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.6200
1	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	8.1154
1	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.8798
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	1.0470
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 ammors. a z=8.58	NL	SLV	1.5366
2	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.0074
2	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.4083
2	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	7.4433
2	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.4705
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	1.0470
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 ammors. a z=8.58	NL	SLV	1.6328
3	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.1365
3	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.3806
3	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	7.3950
3	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	2.9729
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	1.0470
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	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	1.0081
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 ammors. a z=8.58	NL	SLV	1.6407
5	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.1437
5	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.3231
5	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	7.2112
5	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.5096
5	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0983
5	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1146
5	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4641
5	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0415
5	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2103
6	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.7205
6	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.2508
6	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.5069
6	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	7.7725
6	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.6516
6	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1460
6	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.2354
6	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4679
6	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0524
6	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2681
14	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.3077
14	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.7162
14	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.4738
14	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	7.6994
14	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.4505
14	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.0144
17	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.6609
17	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.1744
17	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.6354
17	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	8.1641
17	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.6517
17	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
17	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0470
17	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4520
17	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0513
17	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1691
18	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.9125
18	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.5161
18	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	3.0527
18	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	9.4859
18	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	4.3372

18	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
18	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0470
18	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4378
18	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0502
18	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1337
19	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.9202
19	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.5318
19	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	3.1544
19	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	9.8136
19	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	4.2020
19	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0840
19	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0869
19	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4093
19	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0692
19	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.0849
20	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.2570
20	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.9879
20	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	3.4980
20	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	10.9198
20	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	4.8632
20	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0676
20	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0470
20	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4191
20	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0493
20	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.0849
21	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.9024
21	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.5074
21	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	3.1289
21	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	9.7324
21	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	4.3265
21	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0840
21	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0869
21	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4093
21	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0692
21	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.0850
22	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.7397
22	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.2845
22	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.5604
22	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	7.9224
22	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.1646
22	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0869
22	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0699
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	1.0546
22	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.1861
23	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.5025
23	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.9660
23	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.1343
23	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	6.5924
23	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.1114
23	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0654
23	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0222
23	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4605
23	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0484
23	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2218
24	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.6760
24	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.1990
24	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.6492
24	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	8.2119
24	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.8064
24	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0657
24	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0247
24	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4607
24	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0487
24	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2191
25	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.6010
25	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.8950
25	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.2020
25	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	9.0899
25	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.0605
25	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0677
25	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.6240
25	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.3807
25	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.3779
26	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.4894
26	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.6906
26	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	1.9525
26	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	8.0463
26	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0677

26	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.6240
26	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.3863
26	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.3844
33	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.3736
33	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.4890
33	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.0284
33	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	8.3934
33	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	2.6131
33	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.0240
33	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.0924
45	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.6926
45	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	3.0499
45	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.4996
45	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	10.3241
45	Ribalt. a z=0.00 ammors. a z=0.00	NL	SLV	3.4716
45	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.0651
45	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.5616
45	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4628
45	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0483
45	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2304
46	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	1.6423
46	Ribalt. a z=8.58 ammors. a z=8.58	NL	SLV	2.9520
46	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	2.3639
46	Ribalt. a z=4.07 ammors. a z=4.07	NL	SLV	9.7505
46	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.1496
46	Fless. a z= 8.58 da z= 4.07 a z=12.35	NL	SLV	1.8205
46	Fless. a z= 4.07 da z= 0.00 a z=12.35	NL	SLV	1.4494
46	Fless. a z= 8.58 da z= 0.00 a z=12.35	NL	SLV	1.0686
46	Fless. a z= 4.07 da z= 0.00 a z= 8.58	NL	SLV	1.2218

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
N1 = Carico trasmesso dal pannello sovrastante
e_{s1} = Eccentricità convenzionale della muratura soprastante
$\Sigma N2_{sx}$ = Reazione totale dei solai a sinistra
$\Sigma N2_{dx}$ = 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 <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	0.65	3.87	-0.03			100	0.18	0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
							114	0.18										
4.07	8.58	0.60	4.21	-0.03			200	0.17	0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
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 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-588.19	-23.09	---	---	---	---	---	-8213.40	175.06
							2.04	-678.48	-11.82	---	---	---	---	---	-8213.40	199.07
							4.07	-480.58	10.30	---	---	---	---	---	-8213.40	145.44
3							0.00	-450.83	-19.35	---	---	---	---	---	-8213.40	137.06
							2.04	-539.73	-11.40	---	---	---	---	---	-8213.40	161.85
							4.07	-395.46	7.37	---	---	---	---	---	-8213.40	121.24
5							0.00	-713.15	-22.47	---	---	---	---	---	-8213.40	208.10
							2.04	-784.91	-10.60	---	---	---	---	---	-8213.40	226.42
							4.07	-545.80	12.96	---	---	---	---	---	-8213.40	163.52
7							0.00	-682.88	-18.20	---	---	---	---	---	-8213.40	200.23
							2.04	-737.41	-9.12	---	---	---	---	---	-8213.40	214.34
							4.07	-516.59	12.30	---	---	---	---	---	-8213.40	155.47
9	-492.46	-0.02	0.00	52.77	0.02	0.02	0.00	-642.09	-20.14	0.03	0.04	0.04	0.40	0.74	-4060.86	179.89
							2.04	-736.12	-12.96	---	---	0.02	0.18	0.86	-4691.59	201.40
							4.07	-556.57	11.32	---	---	0.02	0.22	0.83	-4562.05	159.25
10	-489.06	-0.02	0.00	52.77	0.02	0.02	0.00	-645.94	-20.97	0.03	0.04	0.04	0.41	0.74	-4034.03	180.80
							2.04	-743.15	-13.19	---	---	0.02	0.18	0.86	-4691.59	202.96
							4.07	-560.69	11.43	---	---	0.02	0.22	0.83	-4565.33	160.27
11	-485.88	-0.02	0.00	52.77	0.02	0.02	0.00	-632.54	-20.99	0.03	0.05	0.05	0.42	0.73	-4016.75	177.64
							2.04	-728.74	-12.95	---	---	0.02	0.18	0.86	-4691.59	199.76
							4.07	-552.80	11.20	---	---	0.02	0.22	0.83	-4568.44	158.32
12	-495.65	-0.02	0.00	52.77	0.02	0.02	0.00	-655.49	-20.12	0.03	0.04	0.04	0.40	0.74	-4076.94	183.03
							2.04	-750.54	-13.20	---	---	0.02	0.18	0.86	-4691.59	204.59
							4.07	-564.46	11.55	---	---	0.02	0.23	0.83	-4559.02	161.20
1							4.07	-406.42	9.29	---	---	---	---	---	-7581.60	114.24
							6.33	-340.52	-4.05	---	---	---	---	---	-7581.60	96.76
							8.58	-202.96	1.93	---	---	---	---	---	-7581.60	58.97
3							4.07	-332.16	6.83	---	---	---	---	---	-7581.60	94.51
							6.33	-309.35	-1.74	---	---	---	---	---	-7581.60	88.35
							8.58	-193.35	0.50	---	---	---	---	---	-7581.60	56.26
5							4.07	-475.73	11.35	---	---	---	---	---	-7581.60	132.18
							6.33	-351.07	-6.57	---	---	---	---	---	-7581.60	99.58
							8.58	-210.59	3.44	---	---	---	---	---	-7581.60	61.11
7							4.07	-460.88	10.66	---	---	---	---	---	-7581.60	128.38
							6.33	-328.95	-6.41	---	---	---	---	---	-7581.60	93.65
							8.58	-207.51	3.31	---	---	---	---	---	-7581.60	60.25
9	-272.69	-0.03	0.00	0.00	0.00	0.05	4.07	-492.46	10.09	-0.02	0.04	0.04	0.44	0.70	-3552.76	130.80
							6.33	-426.61	-3.86	---	---	0.02	0.23	0.81	-4082.75	115.27
							8.58	-300.31	1.77	---	---	0.05	0.46	0.69	-3486.97	83.80
10	-269.55	-0.03	0.00	0.00	0.00	0.05	4.07	-489.06	10.20	-0.02	0.04	0.04	0.44	0.70	-3543.23	130.02
							6.33	-429.20	-3.86	---	---	0.02	0.23	0.81	-4082.75	115.90
							8.58	-300.12	1.78	---	---	0.05	0.46	0.69	-3486.97	83.75
11	-272.39	-0.03	0.00	0.00	0.00	0.05	4.07	-485.88	9.97	-0.02	0.04	0.04	0.44	0.70	-3551.60	129.28
							6.33	-426.51	-3.65	---	---	0.02	0.23	0.81	-4082.75	115.25
							8.58	-300.99	1.70	---	---	0.05	0.46	0.69	-3486.97	83.97
12	-269.85	-0.03	0.00	0.00	0.00	0.05	4.07	-495.65	10.31	-0.02	0.04	0.04	0.44	0.70	-3544.49	131.54
							6.33	-429.31	-4.07	---	---	0.02	0.23	0.81	-4082.75	115.92
							8.58	-299.43	1.85	---	---	0.05	0.46	0.69	-3486.97	83.57

1							8.58	-207.49	3.28	---	---	---	---	---	-2376.00	51.20
							10.46	-161.83	-1.72	---	---	---	---	---	-2376.00	40.94
3							8.58	-194.97	1.91	---	---	---	---	---	-2376.00	48.44
							10.46	-131.86	0.63	---	---	---	---	---	-2376.00	33.89
5							8.58	-201.16	4.62	---	---	---	---	---	-2376.00	49.81
							10.46	-180.77	-4.39	---	---	---	---	---	-2376.00	45.26
7							8.58	-183.21	4.41	---	---	---	---	---	-2376.00	45.81
							10.46	-167.03	-4.32	---	---	---	---	---	-2376.00	42.14
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-272.69	3.74	-0.01	0.02	0.02	0.25	0.81	-1287.57	59.80
							10.46	-216.96	-0.53	---	---	0.02	0.19	0.84	-1331.25	50.05
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-269.55	3.76	-0.01	0.02	0.02	0.25	0.81	-1285.38	59.29
							10.46	-214.43	-0.52	---	---	0.02	0.19	0.84	-1331.25	49.58
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-272.39	3.67	-0.01	0.02	0.02	0.24	0.81	-1289.68	59.75
							10.46	-218.36	-0.38	---	---	0.02	0.19	0.84	-1331.25	50.31
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-269.85	3.83	-0.01	0.02	0.02	0.25	0.81	-1283.26	59.34
							10.46	-213.02	-0.68	---	---	0.02	0.19	0.84	-1331.25	49.31

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-588.19	0.00	872.59	166.54	383.50
1	2.04	-678.48	0.00	992.31	245.01	403.62
1	4.07	-480.58	0.00	724.95	164.02	358.04
3	0.00	-450.83	-0.00	683.18	101.51	350.68
3	2.04	-539.73	-0.00	806.77	162.21	372.25
3	4.07	-395.46	0.00	604.35	87.57	336.54
5	0.00	-713.15	0.00	1037.28	148.60	411.08
5	2.04	-784.91	0.00	1128.60	199.09	426.12
5	4.07	-545.80	0.00	815.08	165.16	373.68
7	0.00	-682.88	0.00	998.06	68.18	404.57
7	2.04	-737.41	0.00	1068.42	76.93	416.22
7	4.07	-516.59	0.00	774.95	89.69	366.75
9	0.00	-642.09	-0.00	896.68	8.98	307.56
9	2.04	-736.12	-0.00	1003.91	12.65	324.95
9	4.07	-556.57	-0.00	793.82	7.61	290.85
10	0.00	-645.94	0.00	901.20	8.98	308.29
10	2.04	-743.15	0.00	1011.68	12.65	326.21
10	4.07	-560.69	0.00	798.89	7.61	291.68
11	0.00	-632.54	-0.00	885.46	5.93	305.74
11	2.04	-728.74	-0.00	995.71	7.40	323.61
11	4.07	-552.80	0.00	789.17	6.77	290.09
12	0.00	-655.49	0.00	912.34	5.93	310.10
12	2.04	-750.54	0.00	1019.81	7.40	327.53
12	4.07	-564.46	-0.00	803.53	6.77	292.43
1	4.07	-406.42	0.00	616.88	126.61	295.31
1	6.33	-340.52	0.00	522.49	177.50	279.63
1	8.58	-202.96	0.00	318.44	99.06	243.67
3	4.07	-332.16	-0.00	510.36	90.13	277.58
3	6.33	-309.35	-0.00	477.09	137.52	271.90
3	8.58	-193.35	-0.00	303.83	60.03	240.95
5	4.07	-475.73	0.00	713.79	93.31	310.96
5	6.33	-351.07	0.00	537.75	113.89	282.20
5	8.58	-210.59	0.00	330.00	88.92	245.80
7	4.07	-460.88	0.00	693.23	28.29	307.67
7	6.33	-328.95	0.00	505.69	19.38	276.79
7	8.58	-207.51	0.00	325.34	41.20	244.94
9	4.07	-492.46	0.00	706.34	5.14	242.83
9	6.33	-426.61	0.00	622.48	7.14	230.13
9	8.58	-300.31	0.00	452.50	3.52	203.56
10	4.07	-489.06	0.00	702.09	5.14	242.19
10	6.33	-429.20	0.00	625.85	7.14	230.64
10	8.58	-300.12	0.00	452.23	3.52	203.52
11	4.07	-485.88	-0.00	698.10	2.98	241.59
11	6.33	-426.51	-0.00	622.35	3.20	230.11
11	8.58	-300.99	0.00	453.45	3.02	203.72
12	4.07	-495.65	0.00	710.32	2.98	243.43
12	6.33	-429.31	0.00	625.98	3.20	230.66
12	8.58	-299.43	-0.00	451.27	3.02	203.37
1	8.58	-207.49	0.00	301.60	60.18	131.02
1	10.46	-161.83	0.00	241.16	63.25	119.86
3	8.58	-194.97	-0.00	285.35	33.64	128.06
3	10.46	-131.86	-0.00	199.66	34.17	111.93
5	8.58	-201.16	0.00	293.42	58.31	129.53
5	10.46	-180.77	0.00	266.64	63.07	124.61
7	8.58	-183.21	0.00	269.87	30.17	125.21
7	10.46	-167.03	0.00	248.22	33.84	121.18
9	8.58	-272.69	0.00	352.29	1.85	114.56
9	10.46	-216.96	0.00	294.83	1.92	104.14

10	8.58	-269.55	-0.00	349.25	1.85	114.00
10	10.46	-214.43	0.00	292.05	1.92	103.64
11	8.58	-272.39	0.00	352.00	2.01	114.50
11	10.46	-218.36	0.00	296.37	2.22	104.41
12	8.58	-269.85	0.00	349.54	2.01	114.05
12	10.46	-213.02	-0.00	290.49	2.22	103.36

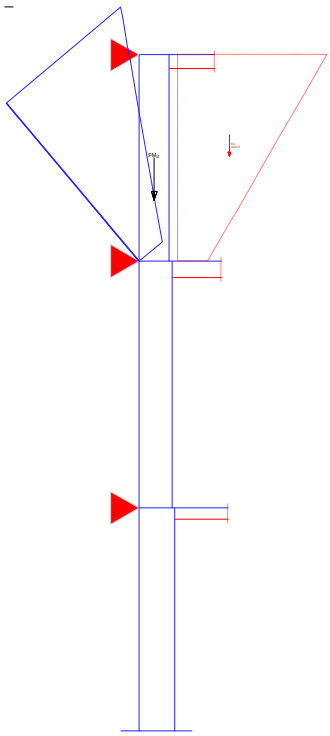
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.21
0.00	4.07	8	SLD	0.47	1.22	2.46
4.07	8.58	6	SLD	0.56	1.33	2.25
8.58	12.35	4	SLD	0.22	0.61	4.91

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.34	0.88	3.41
4.07	8.58	2	SLD	0.38	0.90	3.34
4.07	8.58	8	SLD	0.55	1.31	2.28
8.58	12.35	6	SLD	0.41	1.16	2.58

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.49	1.26	2.39
4.07	8.58	4	SLD	0.36	0.86	3.48
8.58	12.35	2	SLD	0.22	0.62	4.82
8.58	12.35	8	SLD	0.41	1.15	2.60

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

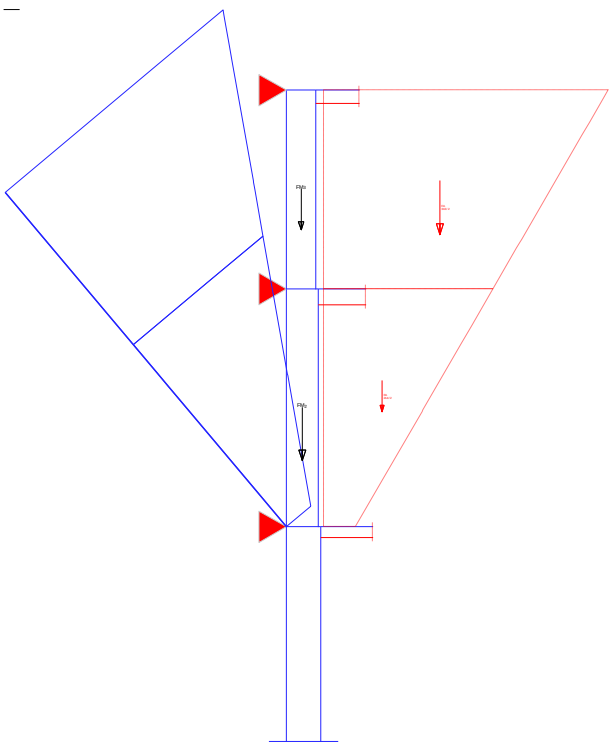


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{313/3}$		71.34	0.61	10.88	Peso ammorsamenti 313/3
FM_3		141.08	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^*=21450.00 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=201.17 <mm>
Domanda di spostamento [C8A.4.11]=121.75 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6523
Domanda di spostamento amplificata [C8A.4.12]=93.01 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.1628

Ribalt. a z=4.07 ammors. a z=4.07

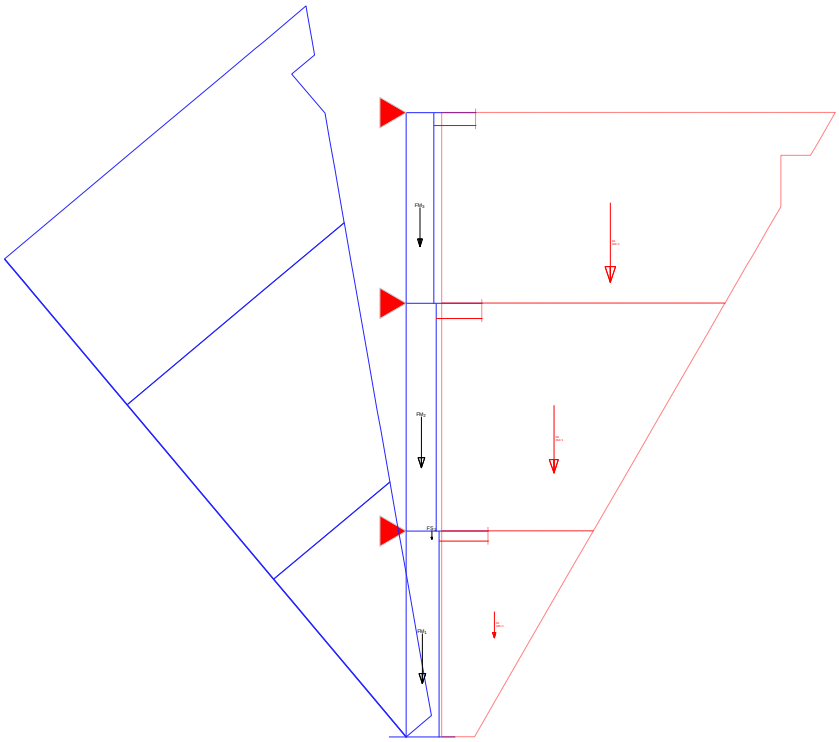


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{214/2}$		108.08	0.77	6.84	Peso ammorsamenti 214/2
$FA_{313/2}$		186.90	1.87	10.62	Peso ammorsamenti 313/2
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^*=52889.80 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=479.95 <mm>
Domanda di spostamento [C8A.4.11]=183.19 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.6200
Domanda di spostamento amplificata [C8A.4.12]=59.14 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=8.1154

Ribalt. a z=0.00 ammors. a z=0.00

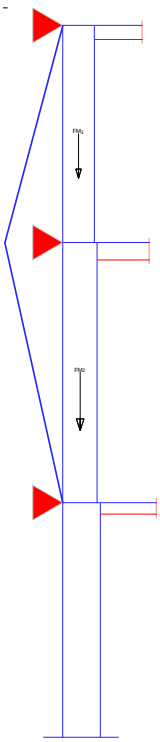


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{125/1}$		93.58	0.71	2.47	Peso ammorsamenti 125/1
$FA_{214/1}$		244.45	1.89	6.55	Peso ammorsamenti 214/1
$FA_{313/1}$		287.96	3.01	10.56	Peso ammorsamenti 313/1
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^*=97008.60 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=742.29 <mm>
Domanda di spostamento [C8A.4.11]=191.32 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.8798

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

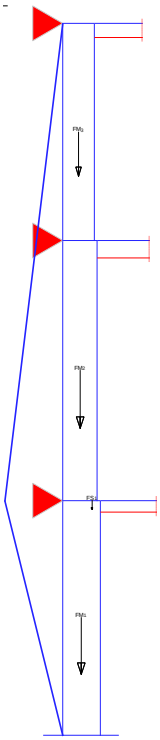


Elenco forze agenti

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]=69.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0470

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

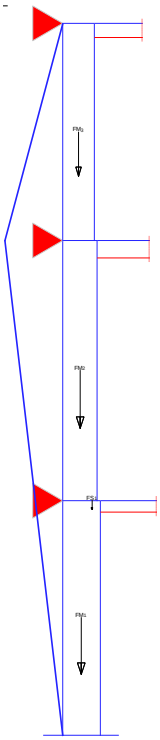


Elenco forze agenti

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 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

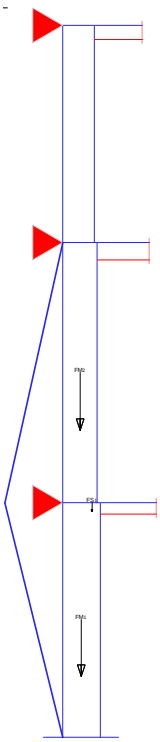


Elenco forze agenti

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 cinematismo 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

Xg=6.05 <m> Yg=0.33 <m> L=3.06 <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	0.65	3.87	-0.03			100	0.18	0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
							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	9360.00	2600.00	3900.00	190.13	79.22	118.83
							201	0.17										
8.58	12.35	0.55	3.52				401	0.15	0.02	0.00	1.00	6.40	9360.00	2600.00	3900.00	190.13	79.22	118.83
							300	0.15										
							404	0.15										
							301	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-627.98	-13.27	---	---	---	---	---	-7769.78	184.69
							2.04	-815.88	-12.79	---	---	---	---	---	-7769.78	232.40
							4.07	-545.22	9.21	---	---	---	---	---	-7769.78	162.57
3							0.00	-485.36	-7.10	---	---	---	---	---	-7769.78	146.15
							2.04	-649.30	-12.14	---	---	---	---	---	-7769.78	190.28
							4.07	-441.54	5.98	---	---	---	---	---	-7769.78	133.91
5							0.00	-771.94	-20.32	---	---	---	---	---	-7769.78	221.56
							2.04	-957.52	-12.36	---	---	---	---	---	-7769.78	266.08
							4.07	-632.88	12.80	---	---	---	---	---	-7769.78	185.97
7							0.00	-752.72	-20.20	---	---	---	---	---	-7769.78	216.75
							2.04	-912.35	-11.34	---	---	---	---	---	-7769.78	255.55
							4.07	-604.32	12.63	---	---	---	---	---	-7769.78	178.43

9	-576.17	-0.02	0.00	55.05	0.02	0.03	0.00	-725.68	-15.19	---	---	0.02	0.18	0.86	-4438.18	196.97
							2.04	-915.54	-15.64	0.02	0.03	0.03	0.28	0.81	-4169.76	235.68
							4.07	-633.71	10.82	---	---	0.03	0.24	0.82	-4266.73	176.31
10	-579.05	-0.02	0.00	55.05	0.02	0.03	0.00	-728.62	-15.17	---	---	0.02	0.18	0.86	-4438.18	197.62
							2.04	-923.38	-15.79	0.02	0.03	0.03	0.28	0.80	-4168.16	237.16
							4.07	-638.98	10.82	---	---	0.03	0.24	0.82	-4264.71	177.53
11	-570.05	-0.02	0.00	55.05	0.02	0.03	0.00	-715.04	-15.87	0.02	0.04	0.04	0.33	0.78	-4045.56	194.65
							2.04	-905.76	-15.59	---	---	0.02	0.18	0.86	-4438.18	233.81
							4.07	-628.25	10.59	---	---	0.03	0.24	0.82	-4271.09	175.04
12	-585.17	-0.02	0.00	55.05	0.02	0.03	0.00	-739.26	-14.50	---	---	0.02	0.18	0.86	-4438.18	199.92
							2.04	-933.16	-15.83	0.02	0.03	0.03	0.28	0.80	-4169.31	239.00
							4.07	-644.45	11.05	---	---	0.03	0.25	0.82	-4260.47	178.79
1							4.07	-482.96	10.08	---	---	---	---	---	-7172.10	133.41
							6.33	-505.78	-4.81	---	---	---	---	---	-7172.10	139.15
							8.58	-321.04	2.77	---	---	---	---	---	-7172.10	91.24
3							4.07	-384.43	7.20	---	---	---	---	---	-7172.10	108.06
							6.33	-428.50	-2.50	---	---	---	---	---	-7172.10	119.52
							8.58	-282.58	2.15	---	---	---	---	---	-7172.10	80.85
5							4.07	-581.30	12.90	---	---	---	---	---	-7172.10	157.76
							6.33	-535.29	-7.11	---	---	---	---	---	-7172.10	146.49
							8.58	-316.77	3.33	---	---	---	---	---	-7172.10	90.09
7							4.07	-567.06	12.44	---	---	---	---	---	-7172.10	154.29
							6.33	-483.31	-6.78	---	---	---	---	---	-7172.10	133.50
							8.58	-274.67	3.18	---	---	---	---	---	-7172.10	78.69
9	-313.73	-0.03	0.00	0.00	0.00	0.05	4.07	-576.17	11.69	-0.02	0.04	0.04	0.43	0.70	-3365.68	148.35
							6.33	-535.86	-4.62	---	---	0.02	0.23	0.81	-3862.23	139.56
							8.58	-332.71	3.65	---	---	0.05	0.46	0.69	-3298.63	91.64
10	-320.55	-0.03	0.00	0.00	0.00	0.05	4.07	-579.05	11.75	-0.02	0.04	0.04	0.43	0.70	-3365.43	148.96
							6.33	-544.87	-4.63	---	---	0.02	0.23	0.81	-3862.23	141.54
							8.58	-339.91	3.67	---	---	0.05	0.46	0.69	-3298.63	93.44
11	-314.39	-0.03	0.00	0.00	0.00	0.05	4.07	-570.05	11.49	-0.02	0.04	0.04	0.43	0.70	-3368.92	147.03
							6.33	-534.54	-4.41	---	---	0.02	0.23	0.81	-3862.23	139.27
							8.58	-333.47	3.66	---	---	0.05	0.46	0.69	-3298.63	91.83
12	-319.88	-0.03	0.00	0.00	0.00	0.05	4.07	-585.17	11.95	-0.02	0.04	0.04	0.43	0.70	-3362.28	150.27
							6.33	-546.19	-4.84	---	---	0.02	0.23	0.81	-3862.23	141.84
							8.58	-339.14	3.66	---	---	0.05	0.46	0.69	-3298.63	93.25
1							8.58	-302.94	4.16	---	---	---	---	---	-6574.43	78.79
							10.46	-280.43	-3.29	---	---	---	---	---	-6574.43	73.25
3							8.58	-265.77	3.55	---	---	---	---	---	-6574.43	69.61
							10.46	-249.98	-0.21	---	---	---	---	---	-6574.43	65.67
5							8.58	-300.41	4.47	---	---	---	---	---	-6574.43	78.17
							10.46	-258.53	-6.48	---	---	---	---	---	-6574.43	67.81
7							8.58	-261.07	4.13	---	---	---	---	---	-6574.43	68.44
							10.46	-209.31	-6.13	---	---	---	---	---	-6574.43	55.40
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-313.73	5.68	-0.02	0.03	0.03	0.29	0.79	-3454.87	79.01
							10.46	-263.75	-1.47	---	---	0.02	0.19	0.84	-3683.59	67.40
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-320.55	5.72	-0.02	0.03	0.03	0.29	0.79	-3460.78	80.57
							10.46	-272.11	-1.43	---	---	0.02	0.19	0.84	-3683.59	69.37
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-314.39	5.67	-0.02	0.03	0.03	0.29	0.79	-3456.23	79.16
							10.46	-265.56	-1.25	---	---	0.02	0.19	0.84	-3683.59	67.82
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-319.88	5.73	-0.02	0.03	0.03	0.29	0.79	-3459.45	80.42
							10.46	-270.31	-1.65	---	---	0.02	0.19	0.84	-3683.59	68.94

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-627.98	87.76	870.87	196.37	358.33
1	2.04	-815.88	21.99	1095.87	345.78	395.35
1	4.07	-545.22	10.29	766.58	148.47	340.76
3	0.00	-485.36	72.91	689.15	167.08	327.45
3	2.04	-649.30	15.02	897.23	305.79	362.73
3	4.07	-441.54	9.24	631.42	117.82	317.36
5	0.00	-771.94	48.85	1044.72	103.33	387.01
5	2.04	-957.52	17.17	1254.65	164.40	421.11
5	4.07	-632.88	4.69	876.94	91.02	359.35
7	0.00	-752.72	0.65	1022.07	5.70	383.31
7	2.04	-912.35	6.07	1205.03	31.07	413.07
7	4.07	-604.32	-1.16	841.38	11.13	353.40
9	0.00	-725.68	4.74	928.81	11.32	295.74
9	2.04	-915.54	0.98	1111.31	19.29	325.97
9	4.07	-633.71	-0.94	831.38	7.90	279.92
10	0.00	-728.62	-4.74	931.83	11.32	296.23
10	2.04	-923.38	-0.98	1118.31	19.29	327.16
10	4.07	-638.98	0.94	837.12	7.90	280.85
11	0.00	-715.04	-1.20	917.84	2.53	293.95
11	2.04	-905.76	0.55	1102.53	3.30	324.48
11	4.07	-628.25	0.02	825.41	2.63	278.96
12	0.00	-739.26	1.20	942.70	2.53	298.00

12	2.04	-933.16	-0.55	1126.98	3.30	328.64
12	4.07	-644.45	-0.02	843.06	2.63	281.82
1	4.07	-482.96	65.06	681.50	118.45	285.04
1	6.33	-505.78	50.97	710.80	205.63	289.64
1	8.58	-321.04	33.94	466.08	48.42	249.99
3	4.07	-384.43	58.34	551.98	103.43	264.26
3	6.33	-428.50	48.38	610.52	189.29	273.75
3	8.58	-282.58	28.74	412.99	38.60	240.92
5	4.07	-581.30	29.72	805.89	58.32	304.37
5	6.33	-535.29	19.22	748.30	86.47	295.48
5	8.58	-316.77	18.07	460.23	29.42	249.00
7	4.07	-567.06	-7.30	788.18	8.24	301.64
7	6.33	-483.31	-10.58	681.95	32.01	285.11
7	8.58	-274.67	-0.73	401.96	3.32	239.00
9	4.07	-576.17	2.70	757.80	5.29	236.09
9	6.33	-535.86	-2.45	712.93	9.16	229.40
9	8.58	-332.71	-1.57	468.13	1.94	192.20
10	4.07	-579.05	-2.70	760.96	5.29	236.56
10	6.33	-544.87	2.45	723.06	9.16	230.91
10	8.58	-339.91	1.57	477.34	1.94	193.64
11	4.07	-570.05	-0.57	751.07	1.20	235.09
11	6.33	-534.54	-0.25	711.44	1.30	229.18
11	8.58	-333.47	-0.43	469.12	0.74	192.35
12	4.07	-585.17	0.57	767.65	1.20	237.56
12	6.33	-546.19	0.25	724.54	1.30	231.13
12	8.58	-339.14	0.43	476.36	0.74	193.48
1	8.58	-302.94	15.55	439.09	68.55	276.46
1	10.46	-280.43	19.49	408.19	97.04	270.21
3	8.58	-265.77	5.67	387.93	48.93	266.06
3	10.46	-249.98	12.05	365.96	71.47	261.51
5	8.58	-300.41	19.64	435.63	50.33	275.77
5	10.46	-258.53	17.13	377.86	67.88	263.98
7	8.58	-261.07	13.28	381.41	15.09	264.71
7	10.46	-209.31	7.66	308.75	17.33	249.42
9	8.58	-313.73	0.28	440.30	2.36	212.81
9	10.46	-263.75	-0.78	375.58	3.48	200.56
10	8.58	-320.55	-0.28	448.98	2.36	214.42
10	10.46	-272.11	0.78	386.56	3.48	202.66
11	8.58	-314.39	-0.83	441.15	1.49	212.97
11	10.46	-265.56	-0.61	377.96	1.97	201.02
12	8.58	-319.88	0.83	448.13	1.49	214.27
12	10.46	-270.31	0.61	384.19	1.97	202.21

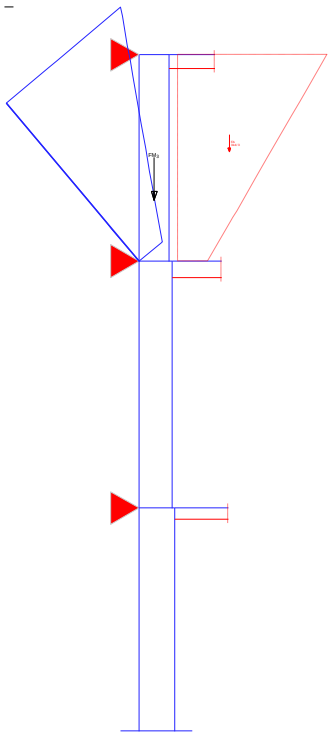
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.93	3.23
0.00	4.07	8	SLD	0.47	1.22	2.47
4.07	8.58	6	SLD	0.57	1.36	2.20
8.58	12.35	4	SLD	0.21	0.60	5.02

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.34	0.89	3.39
4.07	8.58	2	SLD	0.38	0.90	3.33
4.07	8.58	8	SLD	0.57	1.35	2.23
8.58	12.35	6	SLD	0.39	1.11	2.71

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.25	2.40
4.07	8.58	4	SLD	0.37	0.87	3.45
8.58	12.35	2	SLD	0.22	0.62	4.85
8.58	12.35	8	SLD	0.39	1.10	2.73

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

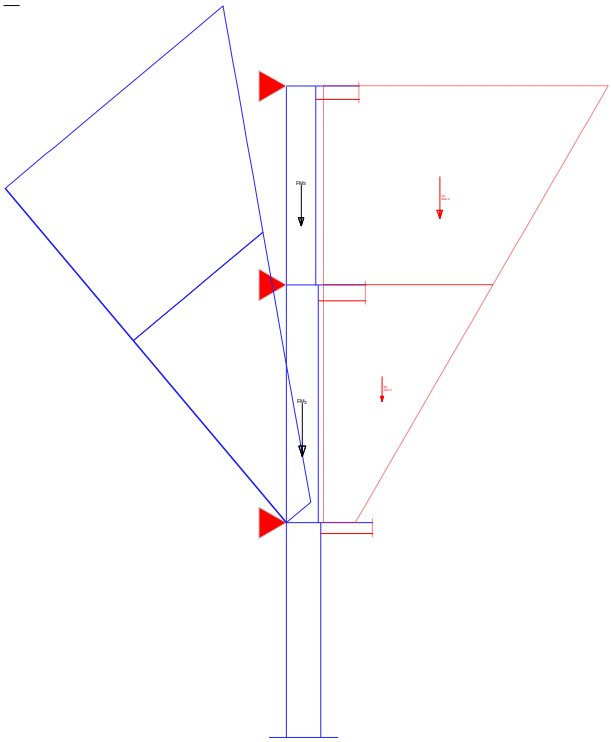


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{314/3}$		51.88	0.61	10.88	Peso ammorsamenti 314/3
FM_3		133.46	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^*=18729.10 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=186.04 <mm>
Domanda di spostamento [C8A.4.11]=121.07 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.5366
Domanda di spostamento amplificata [C8A.4.12]=92.67 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.0074

Ribalt. a z=4.07 ammors. a z=4.07

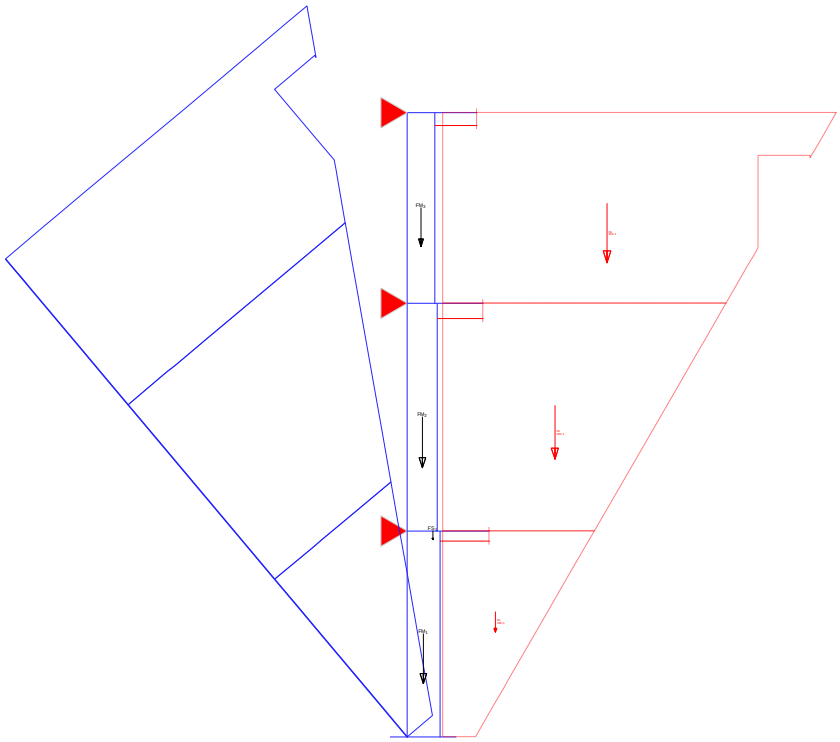


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{215/2}$		81.06	0.77	6.84	Peso ammorsamenti 215/2
$FA_{314/2}$		135.92	1.87	10.62	Peso ammorsamenti 314/2
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^*=44400.40 <kg>
Frazione di massa partecipante e^*=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=437.16 <mm>
Domanda di spostamento [C8A.4.11]=181.53 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4083
Domanda di spostamento amplificata [C8A.4.12]=58.73 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=7.4433

Ribalt. a z=0.00 ammors. a z=0.00

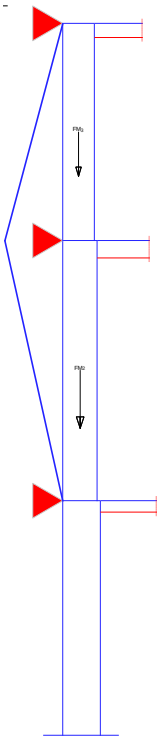


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{126/1}$		70.19	0.71	2.47	Peso ammorsamenti 126/1
$FA_{215/1}$		183.34	1.89	6.55	Peso ammorsamenti 215/1
$FA_{314/1}$		203.84	2.92	10.55	Peso ammorsamenti 314/1
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^*=79886.30 <kg>
Frazione di massa partecipante e^*=0.81
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=663.95 <mm>
Domanda di spostamento [C8A.4.11]=191.31 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.4705

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

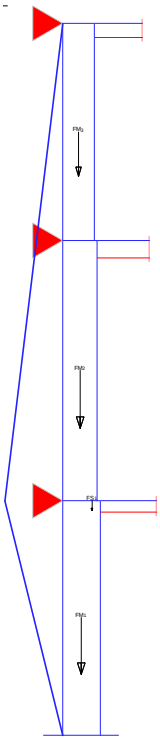


Elenco forze agenti

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]=69.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0470

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

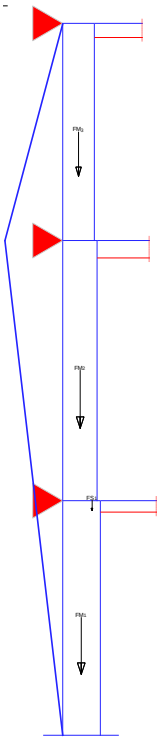


Elenco forze agenti

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

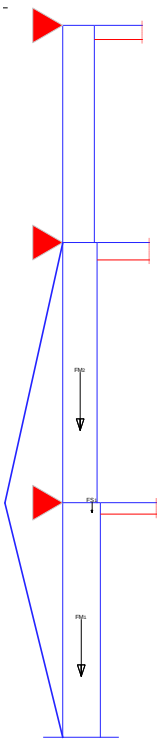


Elenco forze agenti

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 cinematismo 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

Xg=10.24 <m> Yg=0.33 <m> L=2.77 <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	0.65	3.97	-0.03			102	0.18	0.02	0.00	1.00	6.11	9360.00	2600.00	3900.00	190.13	79.22	118.83
							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	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.55	3.52				404	0.15	0.02	0.00	1.00	6.40	9360.00	2600.00	3900.00	190.13	79.22	118.83
							301	0.15										
							406	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-696.12	-13.43	---	---	---	---	---	-7014.35	199.82
							2.04	-699.30	-8.68	---	---	---	---	---	-7014.35	200.62
							4.07	-591.34	8.04	---	---	---	---	---	-7014.35	173.12
3							0.00	-552.11	-5.43	---	---	---	---	---	-7014.35	162.82
							2.04	-565.54	-8.42	---	---	---	---	---	-7014.35	166.37
							4.07	-500.83	3.79	---	---	---	---	---	-7014.35	149.10
5							0.00	-829.82	-21.82	---	---	---	---	---	-7014.35	232.16
							2.04	-827.11	-8.69	---	---	---	---	---	-7014.35	231.52
							4.07	-630.19	12.56	---	---	---	---	---	-7014.35	183.16
7							0.00	-800.41	-21.01	---	---	---	---	---	-7014.35	225.21
							2.04	-802.91	-8.43	---	---	---	---	---	-7014.35	225.80
							4.07	-572.99	12.18	---	---	---	---	---	-7014.35	168.32
9	-538.98	-0.02	18.92	37.81	0.01	0.03	0.00	-806.39	-12.82	0.02	0.03	0.03	0.31	0.79	-3680.75	208.91

							2.04	-828.53	-11.89	---	---	0.02	0.18	0.85	-3980.24	213.14
							4.07	-633.16	7.26	---	---	0.03	0.32	0.78	-3647.03	173.00
10	-553.73	-0.02	18.92	37.81	0.01	0.04	0.00	-800.57	-12.93	0.02	0.03	0.03	0.31	0.79	-3672.34	207.78
							2.04	-833.10	-11.94	---	---	0.02	0.18	0.85	-3980.24	214.01
							4.07	-643.65	7.19	---	---	0.04	0.32	0.78	-3641.64	175.31
11	-539.47	-0.02	18.92	37.81	0.01	0.03	0.00	-791.27	-13.71	0.02	0.03	0.03	0.32	0.78	-3648.88	205.97
							2.04	-819.81	-11.77	---	---	0.02	0.18	0.85	-3980.24	211.48
							4.07	-631.26	6.90	---	---	0.03	0.32	0.78	-3646.84	172.58
12	-553.24	-0.02	18.92	37.81	0.01	0.04	0.00	-815.69	-12.04	---	---	0.02	0.18	0.85	-3980.24	210.70
							2.04	-841.82	-12.06	0.01	0.03	0.03	0.29	0.79	-3713.18	215.65
							4.07	-645.55	7.55	---	---	0.04	0.32	0.78	-3641.81	175.73
1							4.07	-579.03	7.86	---	---	---	---	---	-6474.79	155.43
							6.33	-511.97	-2.53	---	---	---	---	---	-6474.79	139.30
							8.58	-337.10	3.87	---	---	---	---	---	-6474.79	94.93
3							4.07	-490.80	3.22	---	---	---	---	---	-6474.79	134.11
							6.33	-436.31	-0.04	---	---	---	---	---	-6474.79	120.52
							8.58	-289.11	0.64	---	---	---	---	---	-6474.79	82.18
5							4.07	-584.80	12.97	---	---	---	---	---	-6474.79	156.80
							6.33	-526.80	-5.13	---	---	---	---	---	-6474.79	142.91
							8.58	-337.60	7.04	---	---	---	---	---	-6474.79	95.07
7							4.07	-501.51	12.71	---	---	---	---	---	-6474.79	136.74
							6.33	-463.84	-4.87	---	---	---	---	---	-6474.79	127.42
							8.58	-290.04	6.52	---	---	---	---	---	-6474.79	82.43
9	-292.48	-0.03	0.00	0.00	0.00	0.05	4.07	-538.98	7.10	-0.01	0.04	0.04	0.36	0.74	-3195.54	137.94
							6.33	-512.56	-0.92	---	---	0.02	0.23	0.81	-3486.72	132.29
							8.58	-330.18	2.77	---	---	0.05	0.46	0.69	-2977.92	90.14
10	-300.18	-0.03	0.00	0.00	0.00	0.05	4.07	-553.73	7.06	-0.01	0.04	0.04	0.36	0.74	-3204.90	141.05
							6.33	-524.02	-0.88	---	---	0.02	0.23	0.81	-3486.72	134.75
							8.58	-338.76	2.85	---	---	0.05	0.46	0.69	-2977.92	92.25
11	-292.14	-0.03	0.00	0.00	0.00	0.05	4.07	-539.47	6.72	-0.01	0.04	0.04	0.35	0.74	-3211.39	138.04
							6.33	-512.50	-0.66	---	---	0.02	0.23	0.81	-3486.72	132.28
							8.58	-330.80	3.08	---	---	0.05	0.46	0.69	-2977.92	90.29
12	-300.52	-0.03	0.00	0.00	0.00	0.05	4.07	-553.24	7.44	-0.01	0.04	0.04	0.36	0.74	-3189.45	140.95
							6.33	-524.07	-1.14	---	---	0.02	0.23	0.81	-3486.72	134.76
							8.58	-338.15	2.55	---	---	0.05	0.46	0.69	-2977.92	92.10
1							8.58	-308.27	2.63	---	---	---	---	---	-5935.22	79.59
							10.46	-237.36	-1.54	---	---	---	---	---	-5935.22	62.20
3							8.58	-254.52	2.27	---	---	---	---	---	-5935.22	66.46
							10.46	-176.29	-0.09	---	---	---	---	---	-5935.22	46.79
5							8.58	-319.71	2.68	---	---	---	---	---	-5935.22	82.35
							10.46	-283.10	-2.83	---	---	---	---	---	-5935.22	73.48
7							8.58	-275.76	2.36	---	---	---	---	---	-5935.22	71.69
							10.46	-261.24	-2.49	---	---	---	---	---	-5935.22	68.12
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-292.48	3.25	-0.01	0.02	0.02	0.22	0.83	-3273.77	73.44
							10.46	-233.84	-0.36	---	---	0.02	0.19	0.84	-3325.45	59.83
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-300.18	3.31	-0.01	0.02	0.02	0.22	0.83	-3276.32	75.18
							10.46	-238.08	-0.42	---	---	0.02	0.19	0.84	-3325.45	60.84
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-292.14	3.27	-0.01	0.02	0.02	0.22	0.83	-3272.59	73.36
							10.46	-231.04	-0.30	---	---	0.02	0.19	0.84	-3325.45	59.17
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-300.52	3.29	-0.01	0.02	0.02	0.22	0.83	-3277.46	75.26
							10.46	-240.88	-0.47	---	---	0.02	0.19	0.84	-3325.45	61.50

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-696.12	227.40	850.64	188.44	307.34
1	2.04	-699.30	54.72	854.00	255.35	307.88
1	4.07	-591.34	15.77	736.98	27.89	289.10
3	0.00	-552.11	195.53	693.11	181.19	281.97
3	2.04	-565.54	49.06	708.21	251.70	284.43
3	4.07	-500.83	12.02	634.70	14.63	272.37
5	0.00	-829.82	116.54	988.27	67.53	329.15
5	2.04	-827.11	25.00	985.56	82.14	328.72
5	4.07	-630.19	10.43	779.71	28.48	296.00
7	0.00	-800.41	-10.34	958.70	43.36	324.48
7	2.04	-802.91	-6.14	961.23	69.97	324.88
7	4.07	-572.99	2.10	716.54	15.73	285.79
9	0.00	-806.39	12.15	889.30	11.36	256.27
9	2.04	-828.53	2.54	907.34	14.93	259.24
9	4.07	-633.16	-1.53	736.44	1.68	231.70
10	0.00	-800.57	-12.15	884.51	11.36	255.48
10	2.04	-833.10	-2.54	911.02	14.93	259.85
10	4.07	-643.65	1.53	746.29	1.68	233.26
11	0.00	-791.27	-2.55	876.79	0.32	254.22
11	2.04	-819.81	0.56	900.27	0.06	258.07
11	4.07	-631.26	-0.24	734.65	1.23	231.41
12	0.00	-815.69	2.55	896.92	0.32	257.52
12	2.04	-841.82	-0.56	918.00	0.06	261.01

12	4.07	-645.55	0.24	748.07	1.23	233.54
1	4.07	-579.03	60.43	716.81	152.37	260.89
1	6.33	-511.97	53.03	642.42	186.77	249.37
1	8.58	-337.10	68.70	437.81	27.38	216.46
3	4.07	-490.80	58.39	618.47	146.91	245.62
3	6.33	-436.31	45.75	555.79	184.18	235.70
3	8.58	-289.11	65.42	378.97	7.50	206.51
5	4.07	-584.80	21.22	723.10	54.00	261.86
5	6.33	-526.80	26.95	659.06	59.96	251.97
5	8.58	-337.60	25.58	438.42	38.36	216.56
7	4.07	-501.51	-14.43	630.62	35.79	247.53
7	6.33	-463.84	-2.69	587.64	51.32	240.76
7	8.58	-290.04	-14.66	380.12	27.90	206.71
9	4.07	-538.98	2.38	636.14	7.25	197.97
9	6.33	-512.56	-2.59	610.06	8.78	194.03
9	8.58	-330.18	-3.37	415.70	0.77	164.28
10	4.07	-553.73	-2.38	650.46	7.25	200.14
10	6.33	-524.02	2.59	621.44	8.78	195.75
10	8.58	-338.76	3.37	425.40	0.77	165.80
11	4.07	-539.47	-0.06	636.62	0.54	198.04
11	6.33	-512.50	0.61	610.01	0.30	194.02
11	8.58	-330.80	-0.28	416.39	1.58	164.39
12	4.07	-553.24	0.06	650.00	0.54	200.06
12	6.33	-524.07	-0.61	621.49	0.30	195.76
12	8.58	-338.15	0.28	424.71	1.58	165.69
1	8.58	-308.27	11.74	400.43	94.05	233.78
1	10.46	-237.36	13.59	312.94	127.49	216.18
3	8.58	-254.52	5.67	334.37	47.36	220.57
3	10.46	-176.29	5.96	235.37	106.34	199.77
5	8.58	-319.71	12.73	414.29	99.03	236.50
5	10.46	-283.10	15.64	369.69	70.32	227.69
7	8.58	-275.76	7.51	360.66	56.60	225.88
7	10.46	-261.24	9.78	342.71	0.17	222.26
9	8.58	-292.48	0.28	369.45	3.18	175.41
9	10.46	-233.84	-0.35	301.02	5.24	162.48
10	8.58	-300.18	-0.28	378.24	3.18	177.04
10	10.46	-238.08	0.35	306.07	5.24	163.45
11	8.58	-292.14	-0.46	369.07	3.86	175.34
11	10.46	-231.04	0.59	297.68	1.61	161.84
12	8.58	-300.52	0.46	378.62	3.86	177.11
12	10.46	-240.88	-0.59	309.39	1.61	164.09

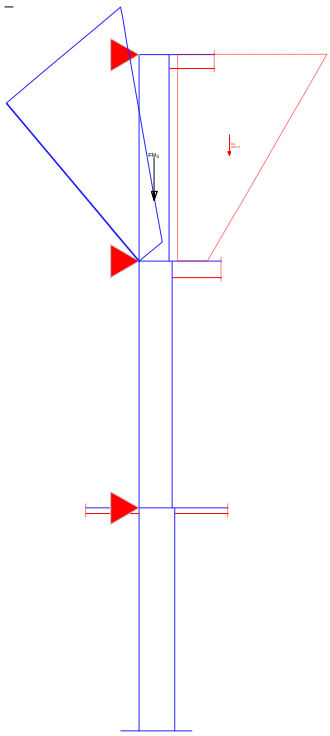
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.90	3.34
0.00	4.07	8	SLD	0.47	1.18	2.54
4.07	8.58	6	SLD	0.58	1.39	2.16
8.58	12.35	4	SLD	0.21	0.59	5.12

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.34	0.87	3.46
4.07	8.58	2	SLD	0.38	0.90	3.32
4.07	8.58	8	SLD	0.58	1.38	2.17
8.58	12.35	6	SLD	0.37	1.06	2.82

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.21	2.49
4.07	8.58	4	SLD	0.37	0.88	3.43
8.58	12.35	2	SLD	0.22	0.62	4.87
8.58	12.35	8	SLD	0.37	1.05	2.86

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

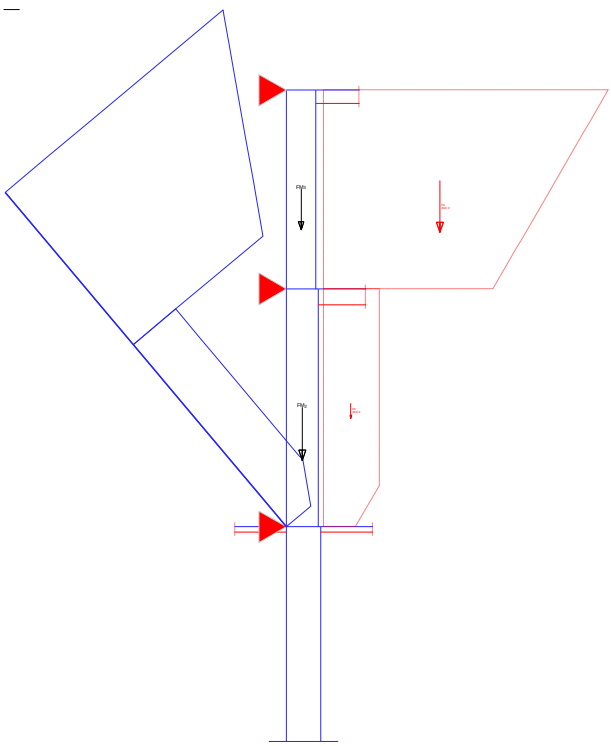


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{312/3}$		58.37	0.61	10.88	Peso ammorsamenti 312/3
FM_3		120.48	-0.05	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^*=18062.30 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=198.60 <mm>
Domanda di spostamento [C8A.4.11]=121.64 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6328
Domanda di spostamento amplificata [C8A.4.12]=92.96 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.1365

Ribalt. a z=4.07 ammors. a z=4.07

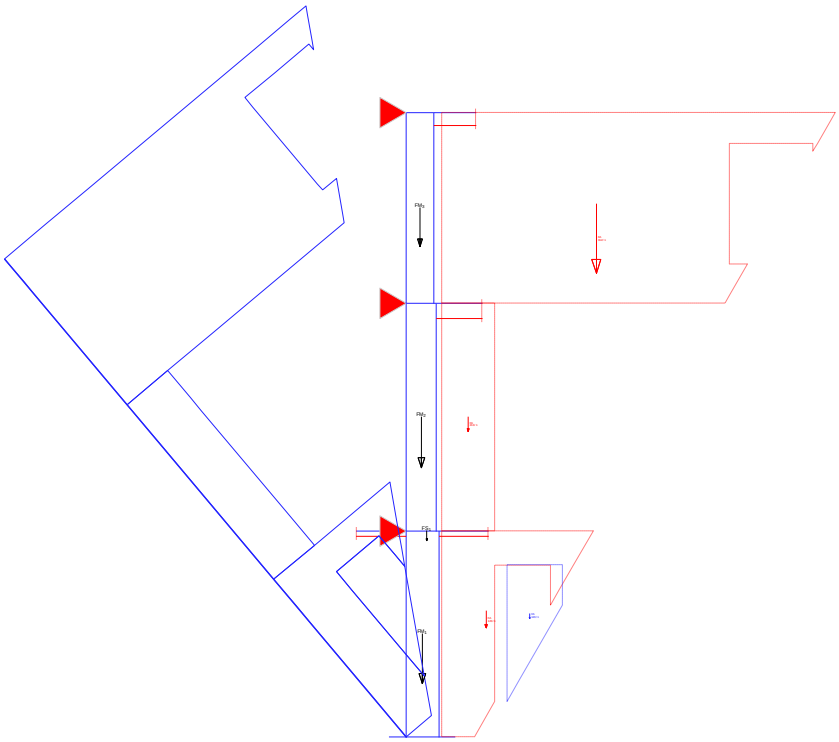


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{213/2}$		43.09	0.19	6.40	Peso ammorsamenti 213/2
$FA_{312/2}$		152.91	1.87	10.62	Peso ammorsamenti 312/2
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^*=40376.10 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=441.83 <mm>
Domanda di spostamento [C8A.4.11]=185.60 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.3806
Domanda di spostamento amplificata [C8A.4.12]=59.75 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=7.3950

Ribalt. a z=0.00 ammors. a z=0.00

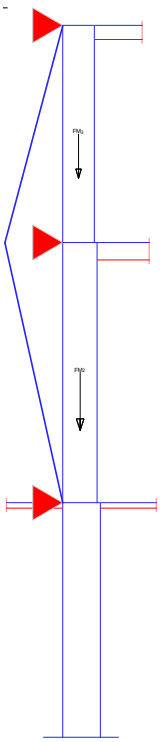


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{123/1}$		52.04	0.55	2.49	Peso ammorsamenti 123/1
$FA_{213/1}$		44.75	0.20	6.33	Peso ammorsamenti 213/1
$FA_{312/1}$		214.84	2.73	10.54	Peso ammorsamenti 312/1
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
$FA_{123/1}$		12.91	1.17	2.43	Peso ammorsamenti 123/1
FS_1		29.85	0.09	4.07	Peso solaio piano 1

Massa partecipante al cinematismo M^*=63638.50 <kg>
Frazione di massa partecipante e^*=0.79
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=568.74 <mm>
Domanda di spostamento [C8A.4.11]=191.31 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.9729

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

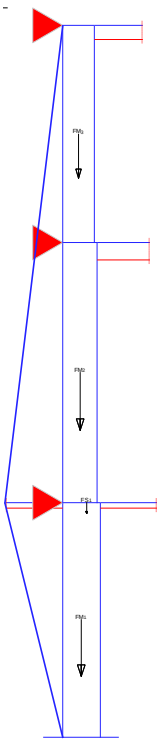


Elenco forze agenti

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]=69.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0470

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

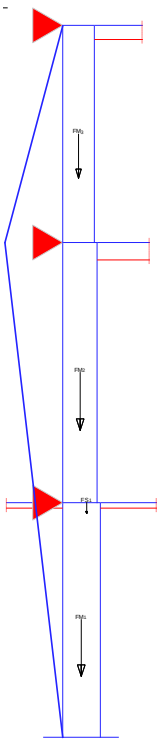


Elenco forze agenti

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

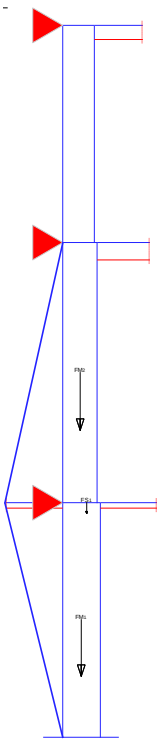


Elenco forze agenti

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 cinematismo 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

Xg=14.93 <m> Yg=0.33 <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	0.65	3.97	-0.03	125	0.00	107	0.00	0.02	0.00	1.00	6.11	9360.00	2600.00	3900.00	190.13	79.22	118.83
					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	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.60	3.47				406	0.17	0.02	0.00	1.00	5.78	9360.00	2600.00	3900.00	190.13	79.22	118.83

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-645.94	-28.55	---	---	---	---	---	-7214.61	187.82
							2.04	-693.00	-7.52	---	---	---	---	---	-7214.61	199.77
							4.07	-625.68	6.18	---	---	---	---	---	-7214.61	182.60
3							0.00	-515.60	-23.88	---	---	---	---	---	-7214.61	153.48
							2.04	-566.40	-6.53	---	---	---	---	---	-7214.61	167.08
							4.07	-546.09	0.26	---	---	---	---	---	-7214.61	161.68
5							0.00	-761.58	-32.85	---	---	---	---	---	-7214.61	216.78
							2.04	-819.48	-8.38	---	---	---	---	---	-7214.61	230.74
							4.07	-660.84	12.50	---	---	---	---	---	-7214.61	191.63
7							0.00	-730.37	-31.87	---	---	---	---	---	-7214.61	209.10
							2.04	-801.30	-8.12	---	---	---	---	---	-7214.61	226.40
							4.07	-611.37	11.99	---	---	---	---	---	-7214.61	178.89
9	-735.06	-0.02	19.31	36.31	0.01	0.04	0.00	-728.82	-35.77	0.05	0.07	0.07	0.63	0.65	-3111.98	194.64
							2.04	-849.31	-10.26	---	---	0.02	0.18	0.85	-4093.87	218.68
							4.07	-733.47	0.98	---	---	0.04	0.35	0.77	-3682.42	195.61

10	-720.43	-0.02	19.31	36.31	0.01	0.04	0.00	-734.72	-35.60	0.05	0.07	0.07	0.62	0.65	-3121.85	195.87
							2.04	-845.50	-10.22	---	---	0.02	0.18	0.85	-4093.87	217.96
							4.07	-724.09	0.94	---	---	0.04	0.35	0.77	-3685.45	193.65
11	-721.31	-0.02	19.31	36.31	0.01	0.04	0.00	-720.56	-36.21	0.05	0.07	0.07	0.64	0.64	-3096.08	192.91
							2.04	-836.90	-10.19	---	---	0.02	0.18	0.85	-4093.87	216.31
							4.07	-722.49	0.51	---	---	0.04	0.35	0.77	-3685.27	193.31
12	-734.18	-0.02	19.31	36.31	0.01	0.04	0.00	-742.99	-35.15	0.05	0.07	0.07	0.61	0.65	-3137.13	197.59
							2.04	-857.91	-10.29	---	---	0.02	0.18	0.85	-4093.87	220.31
							4.07	-735.07	1.42	---	---	0.04	0.35	0.77	-3682.60	195.94
1							4.07	-683.84	6.56	---	---	---	---	---	-6659.64	180.37
							6.33	-579.45	4.19	---	---	---	---	---	-6659.64	156.04
							8.58	-353.18	3.01	---	---	---	---	---	-6659.64	99.34
3							4.07	-601.04	1.41	---	---	---	---	---	-6659.64	161.17
							6.33	-499.54	-0.02	---	---	---	---	---	-6659.64	136.64
							8.58	-304.58	-1.27	---	---	---	---	---	-6659.64	86.46
5							4.07	-687.24	12.10	---	---	---	---	---	-6659.64	181.14
							6.33	-605.70	8.79	---	---	---	---	---	-6659.64	162.27
							8.58	-363.83	7.65	---	---	---	---	---	-6659.64	102.14
7							4.07	-607.36	11.69	---	---	---	---	---	-6659.64	162.66
							6.33	-548.28	8.52	---	---	---	---	---	-6659.64	148.55
							8.58	-324.37	7.35	---	---	---	---	---	-6659.64	91.73
9	-321.74	0.00	0.00	0.00	0.00	0.02	4.07	-735.06	2.48	---	---	0.02	0.23	0.80	-3550.23	177.57
							6.33	-646.46	4.37	---	---	0.02	0.23	0.80	-3550.23	160.72
							8.58	-394.30	6.32	-0.02	0.03	0.03	0.27	0.78	-3442.77	105.93
10	-315.25	0.00	0.00	0.00	0.00	0.02	4.07	-720.43	2.44	---	---	0.02	0.23	0.80	-3550.23	174.87
							6.33	-635.56	4.35	---	---	0.02	0.23	0.80	-3550.23	158.56
							8.58	-386.87	6.30	-0.02	0.03	0.03	0.28	0.77	-3437.03	104.16
11	-315.91	0.00	0.00	0.00	0.00	0.02	4.07	-721.31	2.06	---	---	0.02	0.23	0.80	-3550.23	175.03
							6.33	-634.77	4.71	---	---	0.02	0.23	0.80	-3550.23	158.40
							8.58	-386.78	6.65	-0.02	0.03	0.03	0.28	0.77	-3416.35	104.14
12	-321.08	0.00	0.00	0.00	0.00	0.02	4.07	-734.18	2.86	---	---	0.02	0.23	0.80	-3550.23	177.40
							6.33	-647.24	4.01	---	---	0.02	0.23	0.80	-3550.23	160.87
							8.58	-394.40	5.97	-0.02	0.03	0.03	0.26	0.78	-3463.06	105.95
1							8.58	-286.24	1.64	---	---	---	---	---	-6659.64	81.53
							10.46	-157.47	2.12	---	---	---	---	---	-6659.64	45.93
3							8.58	-253.12	0.41	---	---	---	---	---	-6659.64	72.54
							10.46	-138.18	0.01	---	---	---	---	---	-6659.64	40.44
5							8.58	-282.83	2.82	---	---	---	---	---	-6659.64	80.61
							10.46	-156.59	4.32	---	---	---	---	---	-6659.64	45.68
7							8.58	-246.79	2.59	---	---	---	---	---	-6659.64	70.81
							10.46	-136.55	4.09	---	---	---	---	---	-6659.64	39.98
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-321.74	1.79	---	---	0.02	0.17	0.86	-3831.92	88.29
							10.46	-157.44	-2.26	0.01	0.02	0.02	0.23	0.83	-3702.25	45.26
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-315.25	1.75	---	---	0.02	0.17	0.86	-3831.92	86.68
							10.46	-153.79	-2.29	0.01	0.02	0.02	0.24	0.83	-3688.98	44.26
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-315.91	1.69	---	---	0.02	0.17	0.86	-3831.92	86.84
							10.46	-154.09	-2.31	0.01	0.02	0.02	0.24	0.83	-3687.47	44.34
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-321.08	1.85	---	---	0.02	0.17	0.86	-3831.92	88.13
							10.46	-157.14	-2.24	0.01	0.02	0.02	0.23	0.83	-3703.76	45.18

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-645.94	223.75	822.35	182.73	312.74
1	2.04	-693.00	59.67	874.70	250.48	321.12
1	4.07	-625.68	13.35	799.51	18.80	309.06
3	0.00	-515.60	207.28	672.01	180.50	288.23
3	2.04	-566.40	51.67	731.55	247.42	298.02
3	4.07	-546.09	11.34	707.89	15.74	294.15
5	0.00	-761.58	92.11	949.14	58.19	332.97
5	2.04	-819.48	30.02	1010.29	79.78	342.65
5	4.07	-660.84	7.05	839.03	10.27	315.41
7	0.00	-730.37	-37.20	915.53	50.77	327.63
7	2.04	-801.30	-3.38	991.26	69.59	339.64
7	4.07	-611.37	-0.35	783.25	0.09	306.43
9	0.00	-728.82	12.37	852.23	11.21	256.76
9	2.04	-849.31	2.72	957.50	14.68	273.86
9	4.07	-733.47	-1.50	856.48	1.44	257.44
10	0.00	-734.72	-12.37	857.62	11.21	257.62
10	2.04	-845.50	-2.72	954.33	14.68	273.34
10	4.07	-724.09	1.50	847.88	1.44	256.06
11	0.00	-720.56	1.56	844.64	0.05	255.55
11	2.04	-836.90	-0.68	947.12	0.17	272.15
11	4.07	-722.49	0.06	846.41	0.32	255.83
12	0.00	-742.99	-1.56	865.13	0.05	258.83
12	2.04	-857.91	0.68	964.63	0.17	275.04
12	4.07	-735.07	-0.06	857.94	0.32	257.68
1	4.07	-683.84	56.45	855.54	151.41	282.79

1	6.33	-579.45	54.48	740.16	185.72	265.62
1	8.58	-353.18	79.70	471.22	37.30	223.94
3	4.07	-601.04	53.42	764.47	145.01	269.26
3	6.33	-499.54	51.39	648.11	183.61	251.69
3	8.58	-304.58	77.61	410.10	36.58	213.93
5	4.07	-687.24	21.52	859.21	55.14	283.33
5	6.33	-605.70	21.03	769.68	58.92	270.04
5	8.58	-363.83	27.07	484.46	12.28	226.08
7	4.07	-607.36	-11.44	771.54	33.78	270.32
7	6.33	-548.28	-10.73	704.63	51.88	260.28
7	8.58	-324.37	-20.12	435.12	9.88	218.06
9	4.07	-735.06	2.03	842.25	7.09	228.75
9	6.33	-646.46	-2.78	762.33	8.64	216.79
9	8.58	-394.30	-3.89	502.47	1.60	178.44
10	4.07	-720.43	-2.03	829.46	7.09	226.82
10	6.33	-635.56	2.78	752.09	8.64	215.28
10	8.58	-386.87	3.89	494.08	1.60	177.18
11	4.07	-721.31	0.18	830.24	0.47	226.94
11	6.33	-634.77	-0.30	751.35	0.09	215.17
11	8.58	-386.78	0.14	493.98	0.00	177.16
12	4.07	-734.18	-0.18	841.48	0.47	228.63
12	6.33	-647.24	0.30	763.06	0.09	216.90
12	8.58	-394.40	-0.14	502.57	0.00	178.45
1	8.58	-286.24	5.86	386.73	52.95	258.39
1	10.46	-157.47	1.48	217.84	135.76	221.79
3	8.58	-253.12	3.20	344.09	51.80	249.49
3	10.46	-138.18	1.22	191.83	130.20	215.77
5	8.58	-282.83	5.80	382.36	17.62	257.49
5	10.46	-156.59	0.84	216.67	49.17	221.52
7	8.58	-246.79	3.08	335.87	13.80	247.75
7	10.46	-136.55	0.03	189.63	30.61	215.26
9	8.58	-321.74	-0.33	418.80	2.42	203.93
9	10.46	-157.44	0.05	214.69	6.00	163.21
10	8.58	-315.25	0.33	411.13	2.42	202.48
10	10.46	-153.79	-0.05	209.93	6.00	162.19
11	8.58	-315.91	0.23	411.91	0.06	202.62
11	10.46	-154.09	0.03	210.32	0.27	162.27
12	8.58	-321.08	-0.23	418.02	0.06	203.78
12	10.46	-157.14	-0.03	214.30	0.27	163.12

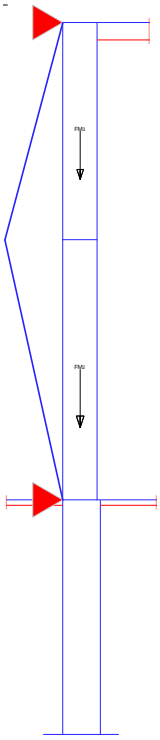
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.89	3.35
0.00	4.07	8	SLD	0.47	1.18	2.55
4.07	8.58	6	SLD	0.59	1.30	2.31
8.58	12.35	4	SLD	0.21	0.60	4.98

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.87	3.45
4.07	8.58	2	SLD	0.38	0.85	3.52
4.07	8.58	8	SLD	0.58	1.28	2.34
8.58	12.35	6	SLD	0.40	1.14	2.63

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.20	2.50
4.07	8.58	4	SLD	0.37	0.81	3.69
8.58	12.35	2	SLD	0.23	0.65	4.59
8.58	12.35	8	SLD	0.39	1.12	2.69

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

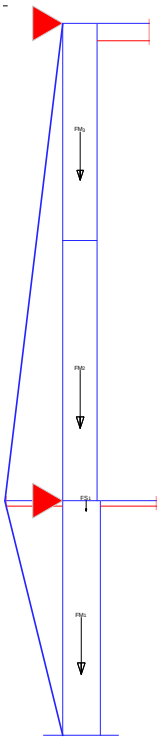


Elenco forze agenti

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]=69.44 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0081

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

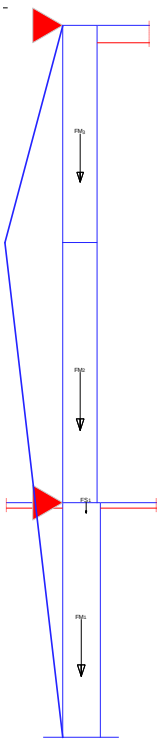


Elenco forze agenti

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

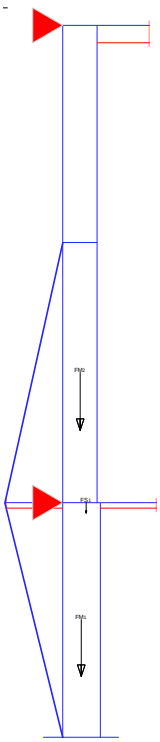


Elenco forze agenti

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 cinematismo 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 cinematismo 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

Xg=19.17 <m> Yg=0.33 <m> L=3.08 <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	0.65	3.87	-0.03			103	0.18	0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
							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	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.60	3.67				406	0.17	0.02	0.00	1.00	6.12	9360.00	2600.00	3900.00	190.13	79.22	118.83
							407	0.17										
							307	0.17										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-553.94	-15.08	---	---	---	---	---	-7807.80	165.00
							2.04	-782.64	-15.95	---	---	---	---	---	-7807.80	224.36
							4.07	-531.90	12.81	---	---	---	---	---	-7807.80	159.01
3							0.00	-428.29	-9.13	---	---	---	---	---	-7807.80	130.21
							2.04	-627.48	-15.43	---	---	---	---	---	-7807.80	184.65
							4.07	-438.64	5.72	---	---	---	---	---	-7807.80	133.14
5							0.00	-674.59	-20.57	---	---	---	---	---	-7807.80	196.96
							2.04	-910.28	-15.40	---	---	---	---	---	-7807.80	255.26
							4.07	-605.99	19.89	---	---	---	---	---	-7807.80	178.96
7							0.00	-652.36	-19.33	---	---	---	---	---	-7807.80	191.18
							2.04	-864.53	-14.41	---	---	---	---	---	-7807.80	244.37
							4.07	-576.24	18.88	---	---	---	---	---	-7807.80	171.02
9	-590.34	-0.02	0.00	53.26	0.02	0.03	0.00	-631.69	-15.67	---	---	0.02	0.18	0.86	-4459.91	175.99

							2.04	-888.09	-20.46	0.02	0.04	0.04	0.34	0.77	-4030.85	230.69
							4.07	-629.05	9.63	---	---	0.03	0.25	0.82	-4264.68	175.37
10	-586.08	-0.02	0.00	53.26	0.02	0.03	0.00	-627.92	-15.47	---	---	0.02	0.18	0.86	-4459.91	175.11
							2.04	-880.00	-20.30	0.02	0.04	0.04	0.34	0.77	-4031.59	229.12
							4.07	-623.62	9.48	---	---	0.03	0.25	0.82	-4267.51	174.11
11	-580.99	-0.02	0.00	53.26	0.02	0.03	0.00	-619.03	-16.24	---	---	0.02	0.18	0.86	-4459.91	173.04
							2.04	-871.20	-20.20	0.02	0.04	0.04	0.34	0.77	-4030.38	227.39
							4.07	-619.16	9.01	---	---	0.03	0.25	0.82	-4270.94	173.07
12	-595.43	-0.02	0.00	53.26	0.01	0.03	0.00	-640.58	-14.90	---	---	0.02	0.18	0.86	-4459.91	178.05
							2.04	-896.89	-20.56	0.02	0.04	0.04	0.34	0.77	-4032.02	232.40
							4.07	-633.50	10.10	---	---	0.03	0.25	0.82	-4261.35	176.41
1							4.07	-499.86	11.90	---	---	---	---	---	-7207.20	137.72
							6.33	-537.87	-4.71	---	---	---	---	---	-7207.20	147.19
							8.58	-334.15	-2.23	---	---	---	---	---	-7207.20	94.78
3							4.07	-403.84	5.78	---	---	---	---	---	-7207.20	113.17
							6.33	-460.54	-0.02	---	---	---	---	---	-7207.20	127.78
							8.58	-284.95	0.16	---	---	---	---	---	-7207.20	81.51
5							4.07	-586.04	17.88	---	---	---	---	---	-7207.20	158.99
							6.33	-568.52	-9.80	---	---	---	---	---	-7207.20	154.73
							8.58	-343.47	-4.56	---	---	---	---	---	-7207.20	97.26
7							4.07	-563.89	16.89	---	---	---	---	---	-7207.20	153.60
							6.33	-517.47	-9.47	---	---	---	---	---	-7207.20	142.13
							8.58	-302.26	-4.16	---	---	---	---	---	-7207.20	86.20
9	-318.25	0.00	0.00	32.17	0.02	0.04	4.07	-590.34	9.36	-0.02	0.03	0.03	0.34	0.75	-3608.78	151.50
							6.33	-611.12	-1.42	---	---	0.02	0.21	0.82	-3929.71	155.90
							8.58	-370.16	1.22	---	---	0.04	0.36	0.74	-3550.31	100.98
10	-313.24	0.00	0.00	32.17	0.02	0.04	4.07	-586.08	9.22	-0.02	0.03	0.03	0.34	0.75	-3609.01	150.59
							6.33	-602.19	-1.39	---	---	0.02	0.21	0.82	-3929.71	154.02
							8.58	-363.09	1.22	---	---	0.04	0.37	0.74	-3544.81	99.24
11	-311.96	0.00	0.00	32.17	0.02	0.04	4.07	-580.99	8.83	-0.02	0.03	0.03	0.34	0.75	-3621.47	149.50
							6.33	-600.98	-0.98	---	---	0.02	0.21	0.82	-3929.71	153.76
							8.58	-363.02	1.41	---	---	0.04	0.37	0.74	-3543.38	99.23
12	-319.53	0.00	0.00	32.17	0.02	0.04	4.07	-595.43	9.75	-0.02	0.03	0.03	0.35	0.75	-3596.65	152.59
							6.33	-612.33	-1.83	---	---	0.02	0.21	0.82	-3929.71	156.16
							8.58	-370.23	1.03	---	---	0.04	0.36	0.74	-3551.69	101.00
1							8.58	-283.48	3.42	---	---	---	---	---	-7207.20	81.11
							10.46	-232.83	-2.18	---	---	---	---	---	-7207.20	67.20
3							8.58	-231.62	1.68	---	---	---	---	---	-7207.20	66.86
							10.46	-182.11	-0.15	---	---	---	---	---	-7207.20	53.01
5							8.58	-311.12	5.21	---	---	---	---	---	-7207.20	88.59
							10.46	-264.83	-3.87	---	---	---	---	---	-7207.20	76.02
7							8.58	-282.94	5.01	---	---	---	---	---	-7207.20	80.96
							10.46	-241.54	-3.29	---	---	---	---	---	-7207.20	69.61
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-318.25	3.65	-0.01	0.02	0.02	0.21	0.84	-4031.34	88.03
							10.46	-245.43	-1.23	---	---	0.02	0.18	0.85	-4088.09	69.20
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-313.24	3.62	-0.01	0.02	0.02	0.21	0.84	-4029.49	86.77
							10.46	-241.02	-1.14	---	---	0.02	0.18	0.85	-4088.09	68.04
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-311.96	3.51	-0.01	0.02	0.02	0.20	0.84	-4036.97	86.44
							10.46	-239.42	-1.06	---	---	0.02	0.18	0.85	-4088.09	67.62
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-319.53	3.76	-0.01	0.02	0.02	0.21	0.84	-4024.03	88.36
							10.46	-247.03	-1.32	---	---	0.02	0.18	0.85	-4088.09	69.63

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-553.94	120.37	781.87	176.38	345.42
1	2.04	-782.64	131.71	1063.14	306.40	392.14
1	4.07	-531.90	7.79	753.47	131.68	340.58
3	0.00	-428.29	103.39	617.01	153.83	316.83
3	2.04	-627.48	124.87	874.96	270.76	361.11
3	4.07	-438.64	5.41	630.86	111.11	319.28
5	0.00	-674.59	61.88	933.27	87.12	370.80
5	2.04	-910.28	49.89	1209.56	145.97	415.94
5	4.07	-605.99	5.94	848.02	70.71	356.59
7	0.00	-652.36	-5.25	905.89	11.94	366.26
7	2.04	-864.53	-27.09	1157.95	27.17	407.57
7	4.07	-576.24	1.98	810.36	2.12	350.25
9	0.00	-631.69	6.62	833.91	10.40	281.76
9	2.04	-888.09	7.40	1093.14	17.42	324.26
9	4.07	-629.05	-0.98	831.00	7.23	281.29
10	0.00	-627.92	-6.62	829.76	10.40	281.09
10	2.04	-880.00	-7.40	1085.66	17.42	323.01
10	4.07	-623.62	0.98	825.01	7.23	280.32
11	0.00	-619.03	1.51	819.92	2.08	279.49
11	2.04	-871.20	0.66	1077.47	3.26	321.63
11	4.07	-619.16	-0.18	820.08	1.91	279.52
12	0.00	-640.58	-1.51	843.66	2.08	283.34
12	2.04	-896.89	-0.66	1101.22	3.26	325.62

12	4.07	-633.50	0.18	835.91	1.91	282.08
1	4.07	-499.86	96.83	706.97	106.94	290.79
1	6.33	-537.87	14.45	755.59	196.61	298.37
1	8.58	-334.15	61.31	486.52	41.57	255.11
3	4.07	-403.84	84.29	580.91	99.04	270.69
3	6.33	-460.54	13.08	655.92	181.01	282.73
3	8.58	-284.95	60.03	418.41	38.84	243.52
5	4.07	-586.04	48.06	816.16	44.07	307.71
5	6.33	-568.52	6.40	794.27	82.65	304.35
5	8.58	-343.47	20.33	499.29	16.60	257.25
7	4.07	-563.89	-6.28	788.46	17.73	303.46
7	6.33	-517.47	-1.85	729.60	30.64	294.33
7	8.58	-302.26	-16.07	442.52	7.52	247.66
9	4.07	-590.34	3.84	777.71	4.82	240.26
9	6.33	-611.12	-0.79	800.30	8.64	243.63
9	8.58	-370.16	-2.95	518.38	1.75	201.18
10	4.07	-586.08	-3.84	773.05	4.82	239.57
10	6.33	-602.19	0.79	790.64	8.64	242.19
10	8.58	-363.09	2.95	509.45	1.75	199.80
11	4.07	-580.99	1.10	767.45	0.68	238.74
11	6.33	-600.98	0.16	789.32	1.41	241.99
11	8.58	-363.02	0.09	509.36	0.24	199.79
12	4.07	-595.43	-1.10	783.27	0.68	241.09
12	6.33	-612.33	-0.16	801.60	1.41	243.82
12	8.58	-370.23	-0.09	518.47	0.24	201.20
1	8.58	-283.48	9.95	416.36	71.95	278.94
1	10.46	-232.83	9.85	344.94	82.42	264.53
3	8.58	-231.62	4.26	343.21	18.33	264.17
3	10.46	-182.11	4.01	272.11	59.05	249.26
5	8.58	-311.12	11.61	454.79	102.91	286.50
5	10.46	-264.83	11.81	390.21	60.18	273.72
7	8.58	-282.94	7.35	415.61	75.82	278.79
7	10.46	-241.54	7.65	357.31	17.74	267.06
9	8.58	-318.25	-0.05	451.91	1.44	218.88
9	10.46	-245.43	-0.37	355.24	2.62	201.00
10	8.58	-313.24	0.05	445.39	1.44	217.70
10	10.46	-241.02	0.37	349.27	2.62	199.87
11	8.58	-311.96	0.53	443.73	4.38	217.40
11	10.46	-239.42	-0.40	347.09	1.90	199.45
12	8.58	-319.53	-0.53	453.58	4.38	219.18
12	10.46	-247.03	0.40	357.41	1.90	201.41

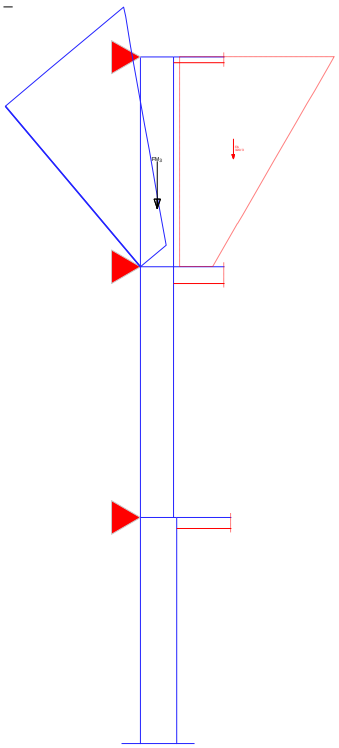
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.92	3.26
0.00	4.07	8	SLD	0.46	1.20	2.50
4.07	8.58	6	SLD	0.58	1.38	2.18
8.58	12.35	4	SLD	0.21	0.58	5.15

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.34	0.89	3.37
4.07	8.58	2	SLD	0.38	0.91	3.31
4.07	8.58	8	SLD	0.56	1.34	2.24
8.58	12.35	6	SLD	0.36	0.99	3.03

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.45
4.07	8.58	4	SLD	0.36	0.85	3.52
8.58	12.35	2	SLD	0.22	0.59	5.09
8.58	12.35	8	SLD	0.36	0.98	3.05

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

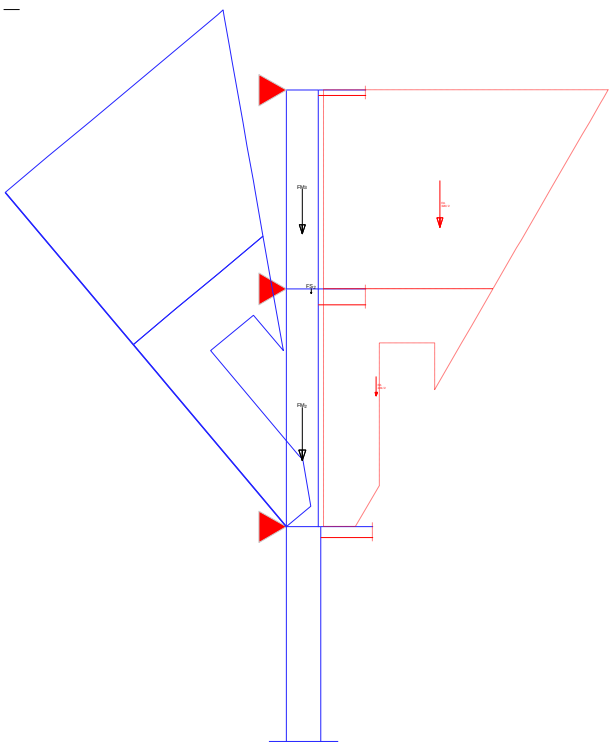


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{320/3}$		60.15	0.64	10.87	Peso ammorsamenti 320/3
FM_3		146.31	-0.03	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^*=20869.10 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=198.70 <mm>
Domanda di spostamento [C8A.4.11]=121.11 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6407
Domanda di spostamento amplificata [C8A.4.12]=92.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.1437

Ribalt. a z=4.07 ammors. a z=4.07

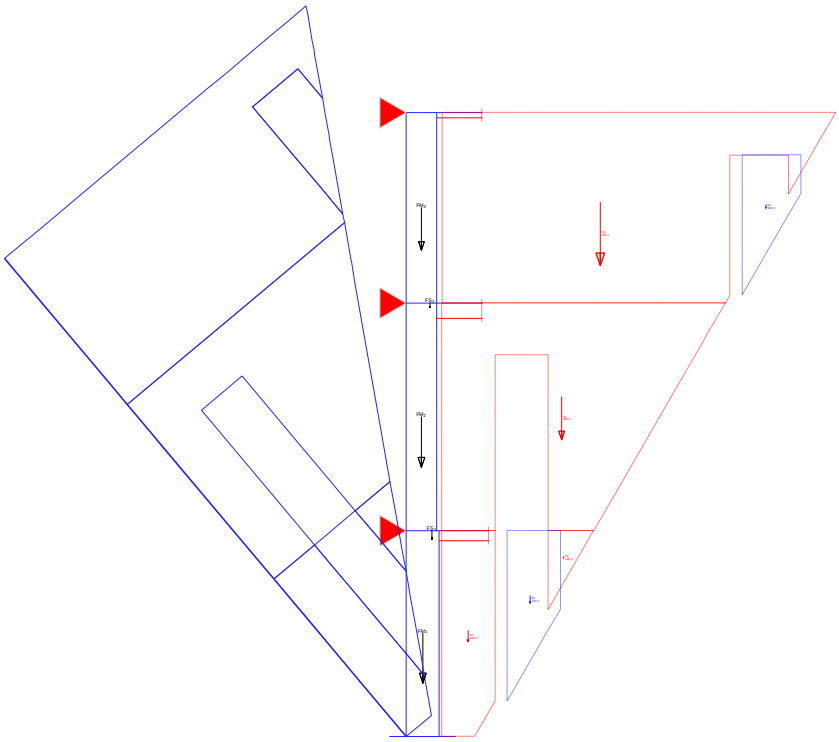


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{221/2}$		63.29	0.67	6.91	Peso ammorsamenti 221/2
$FA_{320/2}$		152.91	1.87	10.62	Peso ammorsamenti 320/2
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		14.73	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=47564.80 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=429.65 <mm>
Domanda di spostamento [C8A.4.11]=184.95 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.3231
Domanda di spostamento amplificata [C8A.4.12]=59.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=7.2112

Ribalt. a z=0.00 ammors. a z=0.00

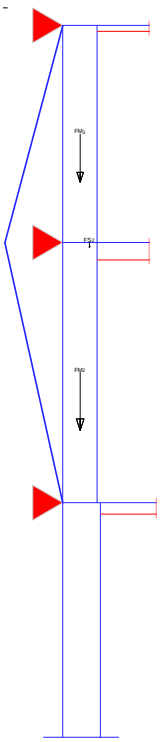


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{133/1}$		6.63	2.07	3.55	Peso ammorsamenti 133/1
$FA_{135/1}$		39.08	0.19	2.10	Peso ammorsamenti 135/1
$FA_{221/1}$		148.81	2.04	6.72	Peso ammorsamenti 221/1
$FA_{320/1}$		219.05	2.80	10.57	Peso ammorsamenti 320/1
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
$FA_{143/1}$		24.49	1.19	2.78	Peso ammorsamenti 143/1
$FA_{320/1}$		10.32	5.84	10.52	Peso ammorsamenti 320/1
FS_1		28.93	0.18	4.07	Peso solaio piano 1
FS_2		14.73	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=81830.50 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=671.47 <mm>
Domanda di spostamento [C8A.4.11]=191.33 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.5096

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

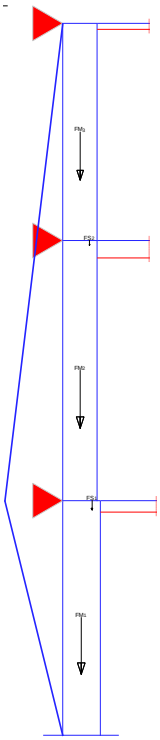


Elenco forze agenti

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		14.73	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=32988.10 <kg>
Frazione di massa partecipante e^*=0.96
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=78.00 <mm>
Domanda di spostamento [C8A.4.11]=71.02 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0983
Domanda di spostamento amplificata [C8A.4.12]=69.98 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1146

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

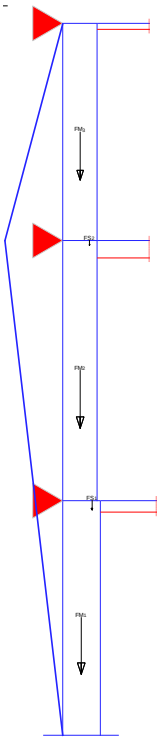


Elenco forze agenti

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		14.73	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=46271.70 <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]=75.41 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4641

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

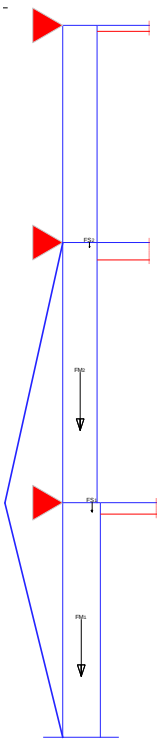


Elenco forze agenti

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		14.73	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=46127.50 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=114.28 <mm>
Domanda di spostamento [C8A.4.11]=109.73 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0415

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		14.73	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=36023.00 <kg>
Frazione di massa partecipante e^*=0.91
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=79.65 <mm>
Domanda di spostamento [C8A.4.11]=65.82 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2103

Maschio in muratura ordinaria n. 6

Xg=23.58 <m> Yg=0.33 <m> L=3.14 <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	0.65	3.87	-0.03			104	0.18	0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
							119	0.18										
4.07	8.58	0.60	4.21	0.00			203	0.17	0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.60	3.67				407	0.17	0.02	0.00	1.00	6.12	9360.00	2600.00	3900.00	190.13	79.22	118.83
							307	0.17										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-573.72	-39.94	---	---	---	---	---	-7959.90	170.65
							2.04	-688.13	-14.35	---	---	---	---	---	-7959.90	200.90
							4.07	-459.17	11.04	---	---	---	---	---	-7959.90	139.10
3							0.00	-439.00	-38.97	---	---	---	---	---	-7959.90	133.42
							2.04	-538.10	-13.89	---	---	---	---	---	-7959.90	160.97
							4.07	-382.03	7.45	---	---	---	---	---	-7959.90	117.15
5							0.00	-690.61	-33.08	---	---	---	---	---	-7959.90	201.54
							2.04	-813.16	-12.59	---	---	---	---	---	-7959.90	232.52
							4.07	-505.73	13.71	---	---	---	---	---	-7959.90	152.08
7							0.00	-656.09	-26.21	---	---	---	---	---	-7959.90	192.55
							2.04	-770.30	-10.64	---	---	---	---	---	-7959.90	221.85
							4.07	-468.50	12.43	---	---	---	---	---	-7959.90	141.72
9	-448.76	-0.02	0.00	56.83	0.02	0.02	0.00	-619.63	-41.54	0.07	0.08	0.08	0.72	0.62	-3299.54	173.72
							2.04	-758.26	-16.12	---	---	0.02	0.18	0.86	-4546.78	205.01

							4.07	-524.95	10.48	---	---	0.02	0.19	0.85	-4502.94	150.75
10	-450.22	-0.02	0.00	56.83	0.02	0.02	0.00	-614.98	-40.27	0.07	0.08	0.08	0.70	0.63	-3323.23	172.62
							2.04	-752.37	-15.81	---	---	0.02	0.18	0.86	-4546.78	203.73
							4.07	-519.13	10.27	---	---	0.02	0.20	0.85	-4501.25	149.30
11	-444.99	-0.02	0.00	56.83	0.02	0.02	0.00	-605.90	-41.00	0.07	0.08	0.08	0.72	0.62	-3290.97	170.47
							2.04	-743.13	-15.84	---	---	0.02	0.18	0.86	-4546.78	201.73
							4.07	-516.94	10.14	---	---	0.02	0.19	0.85	-4507.36	148.75
12	-453.99	-0.02	0.00	56.83	0.02	0.02	0.00	-628.71	-40.81	0.06	0.08	0.08	0.70	0.63	-3330.94	175.85
							2.04	-767.49	-16.08	---	---	0.02	0.18	0.86	-4546.78	206.99
							4.07	-527.13	10.61	---	---	0.02	0.20	0.85	-4496.91	151.30
1							4.07	-362.09	9.25	---	---	---	---	---	-7347.60	102.33
							6.33	-333.20	-3.66	---	---	---	---	---	-7347.60	94.63
							8.58	-198.00	1.33	---	---	---	---	---	-7347.60	57.52
3							4.07	-291.74	6.51	---	---	---	---	---	-7347.60	83.43
							6.33	-304.55	-1.01	---	---	---	---	---	-7347.60	86.91
							8.58	-188.38	0.98	---	---	---	---	---	-7347.60	54.81
5							4.07	-437.29	11.20	---	---	---	---	---	-7347.60	122.00
							6.33	-338.73	-6.43	---	---	---	---	---	-7347.60	96.11
							8.58	-206.07	1.37	---	---	---	---	---	-7347.60	59.78
7							4.07	-431.39	10.13	---	---	---	---	---	-7347.60	120.48
							6.33	-314.83	-6.15	---	---	---	---	---	-7347.60	89.69
							8.58	-203.37	1.06	---	---	---	---	---	-7347.60	59.02
9	-234.88	0.00	0.00	80.18	0.04	0.06	4.07	-448.76	9.02	-0.02	0.05	0.05	0.52	0.66	-3248.77	120.12
							6.33	-427.29	-2.37	---	---	0.03	0.32	0.76	-3734.15	115.03
							8.58	-301.69	1.83	---	---	0.06	0.64	0.63	-3063.94	83.95
10	-237.97	0.00	0.00	80.18	0.04	0.06	4.07	-450.22	8.85	-0.02	0.05	0.05	0.51	0.67	-3259.00	120.46
							6.33	-424.23	-2.37	---	---	0.03	0.32	0.76	-3739.35	114.30
							8.58	-302.01	1.89	---	---	0.06	0.63	0.63	-3070.44	84.03
11	-237.97	0.00	0.00	80.18	0.04	0.06	4.07	-444.99	8.74	-0.02	0.05	0.05	0.51	0.67	-3259.26	119.23
							6.33	-424.80	-2.12	---	---	0.03	0.32	0.76	-3739.34	114.44
							8.58	-303.06	1.87	---	---	0.06	0.63	0.63	-3070.43	84.30
12	-234.89	0.00	0.00	80.18	0.04	0.06	4.07	-453.99	9.14	-0.02	0.05	0.05	0.52	0.66	-3248.59	121.35
							6.33	-426.72	-2.63	---	---	0.03	0.32	0.76	-3734.16	114.89
							8.58	-300.63	1.85	---	---	0.06	0.64	0.63	-3063.95	83.68
1							8.58	-194.28	1.93	---	---	---	---	---	-7347.60	56.47
							10.46	-167.45	-2.74	---	---	---	---	---	-7347.60	48.89
3							8.58	-181.91	1.57	---	---	---	---	---	-7347.60	52.98
							10.46	-145.71	0.72	---	---	---	---	---	-7347.60	42.69
5							8.58	-187.18	1.94	---	---	---	---	---	-7347.60	54.47
							10.46	-173.71	-6.54	---	---	---	---	---	-7347.60	50.66
7							8.58	-168.73	1.58	---	---	---	---	---	-7347.60	49.25
							10.46	-157.33	-6.33	---	---	---	---	---	-7347.60	46.01
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-234.88	2.68	---	---	0.02	0.18	0.85	-4167.72	66.49
							10.46	-204.49	-0.65	---	---	0.02	0.18	0.85	-4167.72	58.34
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-237.97	2.75	---	---	0.02	0.18	0.85	-4167.72	67.31
							10.46	-207.35	-0.62	---	---	0.02	0.18	0.85	-4167.72	59.11
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-237.97	2.69	---	---	0.02	0.18	0.85	-4167.72	67.31
							10.46	-208.24	-0.41	---	---	0.02	0.18	0.85	-4167.72	59.35
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-234.89	2.73	---	---	0.02	0.18	0.85	-4167.72	66.49
							10.46	-203.60	-0.86	---	---	0.02	0.18	0.85	-4167.72	58.09

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-573.72	0.00	824.37	139.51	361.00
1	2.04	-688.13	0.00	970.49	212.54	385.47
1	4.07	-459.17	0.00	671.97	136.35	334.71
3	0.00	-439.00	-0.00	644.51	71.53	329.87
3	2.04	-538.10	-0.00	777.63	124.65	353.04
3	4.07	-382.03	0.00	565.92	57.58	315.78
5	0.00	-690.61	0.00	973.59	144.95	385.99
5	2.04	-813.16	0.00	1123.23	197.06	410.55
5	4.07	-505.73	0.00	734.65	160.37	345.64
7	0.00	-656.09	0.00	930.17	81.64	378.78
7	2.04	-770.30	0.00	1071.69	95.91	402.13
7	4.07	-468.50	0.00	684.61	102.19	336.93
9	0.00	-619.63	0.00	839.18	7.37	288.38
9	2.04	-758.26	0.00	990.34	10.94	312.92
9	4.07	-524.95	0.00	728.26	5.97	270.35
10	0.00	-614.98	-0.00	833.88	7.37	287.52
10	2.04	-752.37	-0.00	984.19	10.94	311.92
10	4.07	-519.13	-0.00	721.22	5.97	269.19
11	0.00	-605.90	-0.00	823.49	6.51	285.84
11	2.04	-743.13	-0.00	974.50	8.30	310.34
11	4.07	-516.94	-0.00	718.58	7.32	268.76
12	0.00	-628.71	0.00	849.49	6.51	290.05
12	2.04	-767.49	0.00	999.93	8.30	314.49
12	4.07	-527.13	0.00	730.88	7.32	270.77

1	4.07	-362.09	0.00	535.53	103.08	270.14
1	6.33	-333.20	0.00	495.21	146.40	263.39
1	8.58	-198.00	0.00	301.01	73.40	229.21
3	4.07	-291.74	-0.00	436.63	66.43	253.40
3	6.33	-304.55	0.00	454.83	105.34	256.53
3	8.58	-188.38	0.00	286.84	38.48	226.59
5	4.07	-437.29	0.00	638.47	86.52	286.95
5	6.33	-338.73	0.00	502.97	106.20	264.70
5	8.58	-206.07	0.00	312.86	74.99	231.39
7	4.07	-431.39	0.00	630.50	35.67	285.66
7	6.33	-314.83	0.00	469.36	30.68	259.01
7	8.58	-203.37	0.00	308.89	41.43	230.66
9	4.07	-448.76	-0.00	628.62	3.95	222.82
9	6.33	-427.29	0.00	602.00	5.51	218.78
9	8.58	-301.69	-0.00	439.33	2.34	193.49
10	4.07	-450.22	0.00	630.41	3.95	223.09
10	6.33	-424.23	-0.00	598.18	5.51	218.20
10	8.58	-302.01	0.00	439.76	2.34	193.56
11	4.07	-444.99	-0.00	623.97	3.17	222.12
11	6.33	-424.80	0.00	598.89	3.49	218.31
11	8.58	-303.06	0.00	441.17	2.82	193.78
12	4.07	-453.99	0.00	635.05	3.17	223.79
12	6.33	-426.72	-0.00	601.28	3.49	218.68
12	8.58	-300.63	-0.00	437.92	2.82	193.26
1	8.58	-194.28	0.00	295.53	68.44	261.77
1	10.46	-167.45	0.00	255.85	72.46	253.24
3	8.58	-181.91	0.00	277.27	39.41	257.87
3	10.46	-145.71	0.00	223.43	41.31	246.10
5	8.58	-187.18	0.00	285.07	64.56	259.55
5	10.46	-173.71	0.00	265.14	68.97	255.26
7	8.58	-168.73	0.00	257.75	32.21	253.65
7	10.46	-157.33	0.00	240.79	34.84	249.94
9	8.58	-234.88	-0.00	347.96	1.90	204.86
9	10.46	-204.49	-0.00	305.29	1.95	196.59
10	8.58	-237.97	0.00	352.26	1.90	205.68
10	10.46	-207.35	0.00	309.32	1.95	197.38
11	8.58	-237.97	0.00	352.25	2.35	205.68
11	10.46	-208.24	0.00	310.58	2.54	197.63
12	8.58	-234.89	-0.00	347.97	2.35	204.86
12	10.46	-203.60	-0.00	304.02	2.54	196.34

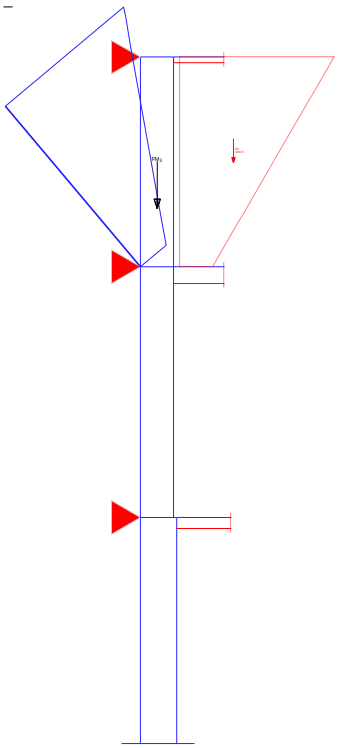
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.92	3.25
0.00	4.07	8	SLD	0.46	1.19	2.52
4.07	8.58	6	SLD	0.56	1.32	2.28
8.58	12.35	4	SLD	0.23	0.62	4.84

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.34	0.89	3.39
4.07	8.58	2	SLD	0.38	0.90	3.33
4.07	8.58	8	SLD	0.54	1.28	2.35
8.58	12.35	6	SLD	0.38	1.04	2.90

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.22	2.45
4.07	8.58	4	SLD	0.36	0.85	3.54
8.58	12.35	2	SLD	0.21	0.58	5.20
8.58	12.35	8	SLD	0.39	1.05	2.85

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

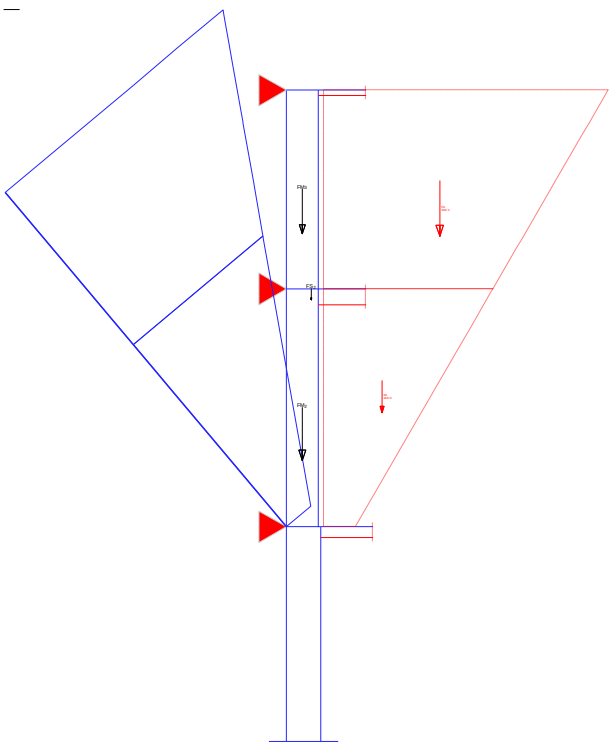


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{310/3}$		73.51	0.64	10.87	Peso ammorsamenti 310/3
FM_3		149.16	-0.03	10.46	Peso maschio piano 3

Massa partecipante al cinematismo M^*=22498.10 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=209.15 <mm>
Domanda di spostamento [C8A.4.11]=121.56 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.7205
Domanda di spostamento amplificata [C8A.4.12]=92.92 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2508

Ribalt. a z=4.07 ammors. a z=4.07

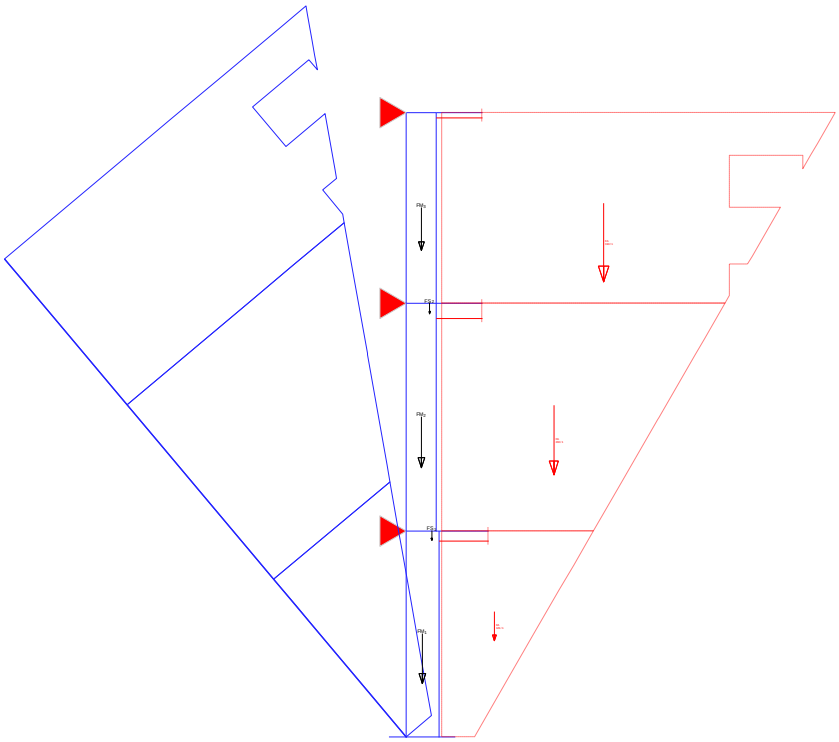


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{210/2}$		108.08	0.77	6.84	Peso ammorsamenti 210/2
$FA_{310/2}$		186.90	1.87	10.62	Peso ammorsamenti 310/2
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		36.72	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=56938.10 <kg>
Frazione di massa partecipante e^*=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=461.17 <mm>
Domanda di spostamento [C8A.4.11]=183.96 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.5069
Domanda di spostamento amplificata [C8A.4.12]=59.33 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=7.7725

Ribalt. a z=0.00 ammors. a z=0.00

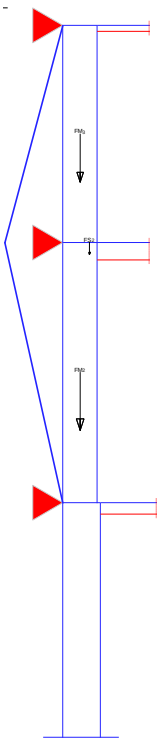


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{121/1}$		101.38	0.71	2.47	Peso ammorsamenti 121/1
$FA_{210/1}$		244.45	1.89	6.55	Peso ammorsamenti 210/1
$FA_{310/1}$		274.93	2.88	10.55	Peso ammorsamenti 310/1
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		36.72	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=100081.00 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=698.64 <mm>
Domanda di spostamento [C8A.4.11]=191.32 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.6516

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

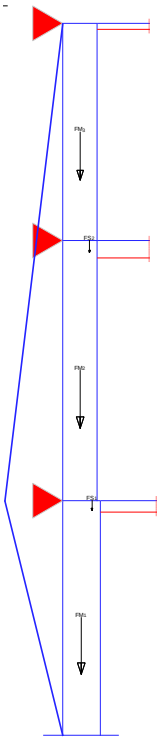


Elenco forze agenti

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		36.72	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=34552.00 <kg>
Frazione di massa partecipante e^*=0.93
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=87.98 <mm>
Domanda di spostamento [C8A.4.11]=76.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1460
Domanda di spostamento amplificata [C8A.4.12]=71.21 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2354

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

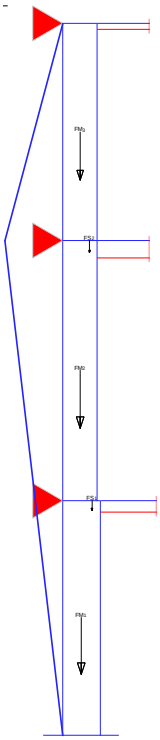


Elenco forze agenti

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		36.72	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=49317.10 <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]=75.25 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4679

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

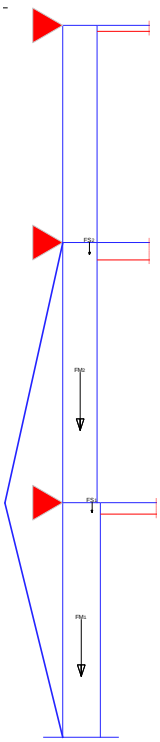


Elenco forze agenti

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		36.72	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=48495.70 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=121.04 <mm>
Domanda di spostamento [C8A.4.11]=115.02 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0524

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		36.72	0.14	8.58	Peso solaio piano 2

Massa partecipante al cinematismo M^*=36787.10 <kg>
Frazione di massa partecipante e^*=0.86
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=77.79 <mm>
Domanda di spostamento [C8A.4.11]=61.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2681

Maschio in muratura ordinaria n. 7

Xg=14.62 <m> Yg=5.45 <m> L=0.88 <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	0.40	3.87		103	-0.11	106	0.11	0.02	0.00	1.00	9.68	9360.00	2600.00	3900.00	190.13	79.22	118.83
					116	-0.11												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-157.20	-2.47	---	---	---	---	---	-1372.82	27.21
							2.04	-132.37	-0.90	---	---	---	---	---	-1372.82	23.47
3							0.00	-117.05	-0.06	---	---	---	---	---	-1372.82	21.06
							2.04	-123.49	-0.78	---	---	---	---	---	-1372.82	22.08
5							0.00	-180.66	-4.92	---	---	---	---	---	-1372.82	30.54
							2.04	-118.29	-0.71	---	---	---	---	---	-1372.82	21.26
7							0.00	-160.62	-4.62	---	---	---	---	---	-1372.82	27.70
							2.04	-97.34	-0.43	---	---	---	---	---	-1372.82	17.84
9	0.00	0.00	14.72	9.22	-0.03	0.05	0.00	-166.96	-0.58	---	---	0.02	0.29	0.72	-660.46	26.22
							2.04	-136.90	-0.52	---	---	0.02	0.34	0.70	-638.45	22.56
10	0.00	0.00	14.72	9.22	-0.03	0.05	0.00	-163.12	-0.52	---	---	0.02	0.29	0.72	-660.46	25.78
							2.04	-140.87	-0.56	---	---	0.02	0.34	0.70	-638.45	23.07
11	0.00	0.00	14.72	9.22	-0.03	0.05	0.00	-168.88	-0.31	---	---	0.02	0.29	0.72	-660.46	26.44
							2.04	-139.72	-0.56	---	---	0.02	0.34	0.70	-638.45	22.92
12	0.00	0.00	14.72	9.22	-0.03	0.05	0.00	-161.19	-0.79	---	---	0.02	0.29	0.72	-660.46	25.56
							2.04	-138.05	-0.52	---	---	0.02	0.34	0.70	-638.45	22.71

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-157.20	0.00	59.85	37.42	60.83
1	2.04	-132.37	0.00	51.64	44.40	56.91
3	0.00	-117.05	0.00	46.34	29.98	54.35
3	2.04	-123.49	-0.00	48.59	37.00	55.44
5	0.00	-180.66	0.00	67.18	22.51	64.31
5	2.04	-118.29	0.00	46.77	24.56	54.56
7	0.00	-160.62	0.00	60.94	2.29	61.35
7	2.04	-97.34	0.00	39.26	0.14	50.86
9	0.00	-166.96	0.00	57.70	2.03	49.14
9	2.04	-136.90	0.00	49.64	2.27	45.19
10	0.00	-163.12	0.00	56.72	2.03	48.65
10	2.04	-140.87	-0.00	50.76	2.27	45.73
11	0.00	-168.88	0.00	58.18	0.71	49.38
11	2.04	-139.72	0.00	50.43	0.72	45.58
12	0.00	-161.19	-0.00	56.23	0.71	48.41
12	2.04	-138.05	0.00	49.96	0.72	45.35

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.93	3.21
0.00	4.07	8	SLD	0.47	1.21	2.48

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.29

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.44

Maschio in muratura ordinaria n. 8

Xg=17.82 <m> Yg=5.45 <m> L=3.27 <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	0.40	3.87		103	-0.11	106	0.11	0.02	0.00	1.00	9.68	9360.00	2600.00	3900.00	190.13	79.22	118.83
					116	-0.11												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-519.90	-5.32	---	---	---	---	---	-5101.18	91.51
							2.04	-415.64	-3.90	---	---	---	---	---	-5101.18	75.16
3							0.00	-486.36	1.57	---	---	---	---	---	-5101.18	86.36
							2.04	-396.54	-2.33	---	---	---	---	---	-5101.18	72.06
5							0.00	-535.83	-13.08	---	---	---	---	---	-5101.18	93.92
							2.04	-436.13	-5.08	---	---	---	---	---	-5101.18	78.45
7							0.00	-515.95	-12.84	---	---	---	---	---	-5101.18	90.91
							2.04	-434.60	-4.51	---	---	---	---	---	-5101.18	78.21
9	0.00	0.00	54.71	34.26	-0.03	0.05	0.00	-682.48	-0.55	---	---	0.02	0.29	0.72	-2454.17	104.27
							2.04	-593.57	-2.84	0.00	0.03	0.03	0.41	0.66	-2249.83	94.34
10	0.00	0.00	54.71	34.26	-0.03	0.05	0.00	-686.50	-0.53	---	---	0.02	0.29	0.72	-2454.17	104.69
							2.04	-593.46	-2.79	0.00	0.03	0.03	0.41	0.66	-2252.31	94.32
11	0.00	0.00	54.71	34.26	-0.03	0.05	0.00	-687.77	0.18	---	---	0.02	0.29	0.72	-2454.17	104.83
							2.04	-595.32	-2.77	0.00	0.03	0.03	0.41	0.66	-2253.28	94.54
12	0.00	0.00	54.71	34.26	-0.03	0.05	0.00	-681.21	-1.26	---	---	0.02	0.29	0.72	-2454.17	104.14
							2.04	-591.71	-2.86	0.00	0.03	0.03	0.41	0.66	-2248.85	94.12

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-519.90	57.65	748.11	152.40	273.75
1	2.04	-415.64	12.18	614.43	160.66	251.73
3	0.00	-486.36	41.85	706.00	148.30	266.87
3	2.04	-396.54	9.37	589.05	155.86	247.49
5	0.00	-535.83	41.27	767.81	51.94	276.96
5	2.04	-436.13	7.92	641.35	55.48	256.21
7	0.00	-515.95	11.42	743.19	38.27	272.95
7	2.04	-434.60	1.46	639.35	39.47	255.88
9	0.00	-682.48	2.93	852.40	9.06	241.15
9	2.04	-593.57	0.58	771.20	9.23	227.10
10	0.00	-686.50	-2.93	855.86	9.06	241.77
10	2.04	-593.46	-0.58	771.10	9.23	227.09
11	0.00	-687.77	1.57	856.95	0.40	241.96

11	2.04	-595.32	0.23	772.89	0.46	227.39
12	0.00	-681.21	-1.57	851.30	0.40	240.96
12	2.04	-591.71	-0.23	769.41	0.46	226.80

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.93	3.21
0.00	4.07	8	SLD	0.47	1.20	2.50

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.30

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.44

Maschio in muratura ordinaria n. 9

Xg=8.83 <m> Yg=5.46 <m> L=4.19 <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	0.03	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										
					102	-0.13	120	0.13										
					115	-0.13	123	0.13										
					102	-0.13	121	0.13										
					115	-0.13	124	0.13										
4.07	8.58	0.40	4.31	0.00	201	-0.11	208	0.11	0.02	0.00	1.00	10.78	3200.00	888.89	1333.33	65.00	27.08	40.63
							211	0.11										
					201	-0.11	209	0.11										
							212	0.11										
					201	-0.11	210	0.11										
							213	0.11										
8.58	12.35	0.40	3.57		301	-0.11	308	0.11	0.02	0.00	1.00	8.93	3200.00	888.89	1333.33	65.00	27.08	40.63
							311	0.11										
					301	-0.11	309	0.11										
							312	0.11										
					301	-0.11	310	0.11										
							313	0.11										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-740.36	11.86	---	---	---	---	---	-2513.99	108.87
							2.04	-639.32	-4.46	---	---	---	---	---	-2513.99	100.81
							4.07	-501.20	1.80	---	---	---	---	---	-2513.99	86.32
3							0.00	-702.94	2.36	---	---	---	---	---	-2513.99	106.13
							2.04	-628.94	-3.31	---	---	---	---	---	-2513.99	99.86
							4.07	-491.49	1.28	---	---	---	---	---	-2513.99	85.15
5							0.00	-754.17	21.92	---	---	---	---	---	-2513.99	109.80
							2.04	-643.42	-4.83	---	---	---	---	---	-2513.99	101.18
							4.07	-489.15	1.51	---	---	---	---	---	-2513.99	84.87
7							0.00	-728.58	21.04	---	---	---	---	---	-2513.99	108.04
							2.04	-636.55	-4.00	---	---	---	---	---	-2513.99	100.56
							4.07	-469.11	0.74	---	---	---	---	---	-2513.99	82.38
9	-603.76	0.02	77.01	21.18	-0.01	0.03	0.00	-988.06	10.70	-0.01	0.03	0.03	0.35	0.71	-1196.43	68.12
							2.04	-912.07	-3.76	---	---	0.02	0.26	0.76	-1274.35	73.83
							4.07	-692.49	-0.26	---	---	0.03	0.41	0.68	-1144.63	80.07
10	-600.74	0.02	77.01	21.18	-0.01	0.03	0.00	-992.86	10.57	-0.01	0.03	0.03	0.35	0.72	-1198.88	67.70
							2.04	-913.17	-3.90	---	---	0.02	0.26	0.76	-1274.35	73.76
							4.07	-688.48	-0.17	---	---	0.03	0.41	0.68	-1145.29	80.04
11	-603.14	0.02	77.01	21.18	-0.01	0.03	0.00	-993.95	11.57	-0.01	0.03	0.03	0.36	0.71	-1187.32	67.60
							2.04	-913.39	-4.04	---	---	0.02	0.26	0.76	-1274.35	73.75
							4.07	-690.94	-0.19	---	---	0.03	0.41	0.68	-1144.77	80.06
12	-601.36	0.02	77.01	21.18	-0.01	0.03	0.00	-986.97	9.70	-0.01	0.03	0.03	0.34	0.72	-1208.07	68.22
							2.04	-911.85	-3.62	---	---	0.02	0.26	0.76	-1274.35	73.84
							4.07	-690.03	-0.25	---	---	0.03	0.41	0.68	-1145.16	80.06
1							4.07	-450.83	8.54	---	---	---	---	---	-2234.66	68.77
							6.33	-353.79	-3.42	---	---	---	---	---	-2234.66	57.58
							8.58	-242.95	-1.69	---	---	---	---	---	-2234.66	42.38
3							4.07	-436.90	1.28	---	---	---	---	---	-2234.66	67.28
							6.33	-322.91	0.15	---	---	---	---	---	-2234.66	53.60
							8.58	-210.33	-0.63	---	---	---	---	---	-2234.66	37.41
5							4.07	-447.53	16.22	---	---	---	---	---	-2234.66	68.42
							6.33	-371.97	-6.88	---	---	---	---	---	-2234.66	59.83
							8.58	-254.31	-2.37	---	---	---	---	---	-2234.66	44.05
7							4.07	-430.78	15.53	---	---	---	---	---	-2234.66	66.62
							6.33	-356.67	-6.29	---	---	---	---	---	-2234.66	57.94
							8.58	-231.41	-1.89	---	---	---	---	---	-2234.66	40.64
9	-251.63	0.00	0.00	21.18	0.01	0.03	4.07	-603.76	6.72	-0.01	0.03	0.03	0.39	0.64	-955.84	63.18
							6.33	-448.74	-1.43	---	---	0.02	0.32	0.68	-1007.14	57.94
							8.58	-270.61	-0.80	---	---	0.03	0.45	0.61	-912.39	42.56
10	-254.98	0.00	0.00	21.18	0.01	0.03	4.07	-600.74	6.88	-0.01	0.03	0.03	0.40	0.64	-952.96	63.15

							6.33	-450.89	-1.45	---	---	0.02	0.32	0.68	-1007.14	58.07
							8.58	-274.01	-0.82	---	---	0.03	0.45	0.61	-913.54	42.94
11	-251.73	0.00	0.00	21.18	0.01	0.03	4.07	-603.14	7.45	-0.01	0.03	0.03	0.41	0.63	-942.62	63.17
							6.33	-447.10	-1.75	---	---	0.02	0.32	0.68	-1007.14	57.85
							8.58	-269.47	-0.74	---	---	0.03	0.45	0.61	-912.43	42.43
12	-254.88	0.00	0.00	21.18	0.01	0.03	4.07	-601.36	6.15	-0.01	0.03	0.03	0.38	0.65	-966.22	63.16
							6.33	-452.54	-1.13	---	---	0.02	0.32	0.68	-1007.14	58.16
							8.58	-275.15	-0.87	---	---	0.03	0.45	0.61	-913.51	43.07
1							8.58	-223.25	-4.24	---	---	---	---	---	-2234.66	39.40
							10.46	-163.44	2.21	---	---	---	---	---	-2234.66	29.88
3							8.58	-206.34	2.71	---	---	---	---	---	-2234.66	36.78
							10.46	-149.29	-0.66	---	---	---	---	---	-2234.66	27.51
5							8.58	-216.02	-11.94	---	---	---	---	---	-2234.66	38.29
							10.46	-162.76	5.34	---	---	---	---	---	-2234.66	29.76
7							8.58	-192.91	-11.58	---	---	---	---	---	-2234.66	34.66
							10.46	-148.02	5.16	---	---	---	---	---	-2234.66	27.30
9	0.00	0.00	0.00	21.18	0.11	0.13	8.58	-251.63	0.60	-0.00	0.07	0.07	1.01	0.47	-697.43	40.33
							10.46	-196.47	0.53	---	---	0.06	0.97	0.48	-714.88	33.20
10	0.00	0.00	0.00	21.18	0.11	0.13	8.58	-254.98	0.66	-0.00	0.07	0.07	1.01	0.47	-695.84	40.73
							10.46	-198.68	0.49	---	---	0.06	0.97	0.48	-714.88	33.50
11	0.00	0.00	0.00	21.18	0.11	0.13	8.58	-251.73	1.15	-0.00	0.07	0.07	1.04	0.46	-680.10	40.34
							10.46	-196.30	0.32	---	---	0.06	0.97	0.48	-714.88	33.17
12	0.00	0.00	0.00	21.18	0.11	0.13	8.58	-254.88	0.10	---	---	0.02	0.27	0.75	-1115.28	40.72
							10.46	-198.85	0.71	-0.00	0.07	0.07	1.03	0.46	-688.24	33.52

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-740.36	193.55	1013.66	147.44	250.16
1	2.04	-639.32	52.96	938.66	154.47	234.18
1	4.07	-501.20	64.42	803.74	90.62	210.38
3	0.00	-702.94	151.27	988.22	137.08	244.36
3	2.04	-628.94	42.37	929.82	143.53	232.47
3	4.07	-491.49	54.54	792.85	82.53	208.60
5	0.00	-754.17	122.18	1022.36	59.95	252.26
5	2.04	-643.42	31.95	942.09	62.93	234.84
5	4.07	-489.15	34.32	790.19	39.46	208.17
7	0.00	-728.58	18.74	1005.95	25.40	248.34
7	2.04	-636.55	3.35	936.32	26.47	233.72
7	4.07	-469.11	-1.37	767.03	12.48	204.45
9	0.00	-988.06	9.70	634.30	8.83	230.35
9	2.04	-912.07	2.21	687.44	8.66	221.77
9	4.07	-692.49	-3.84	745.55	4.79	194.86
10	0.00	-992.86	-9.70	630.38	8.83	230.89
10	2.04	-913.17	-2.21	686.79	8.66	221.90
10	4.07	-688.48	3.84	745.30	4.79	194.33
11	0.00	-993.95	4.12	629.47	1.00	231.01
11	2.04	-913.39	0.92	686.66	1.07	221.93
11	4.07	-690.94	-0.92	745.46	0.80	194.66
12	0.00	-986.97	-4.12	635.18	1.00	230.23
12	2.04	-911.85	-0.92	687.57	1.07	221.75
12	4.07	-690.03	0.92	745.40	0.80	194.54
1	4.07	-450.83	36.81	720.31	139.60	182.73
1	6.33	-353.79	30.57	603.13	130.75	164.76
1	8.58	-242.95	11.75	443.88	89.00	141.47
3	4.07	-436.90	32.43	704.77	130.87	180.26
3	6.33	-322.91	9.72	561.49	124.61	158.62
3	8.58	-210.33	2.89	391.85	84.74	133.85
5	4.07	-447.53	17.68	716.67	55.12	182.15
5	6.33	-371.97	40.80	626.66	48.52	168.28
5	8.58	-254.31	16.96	461.44	33.16	144.03
7	4.07	-430.78	-3.09	697.80	26.02	179.17
7	6.33	-356.67	28.71	606.91	28.09	165.32
7	8.58	-231.41	12.57	425.74	18.97	138.82
9	4.07	-603.76	-2.36	661.80	6.35	166.88
9	6.33	-448.74	-1.36	606.96	5.80	145.59
9	8.58	-270.61	-0.60	445.77	3.90	116.43
10	4.07	-600.74	2.36	661.49	6.35	166.49
10	6.33	-450.89	1.36	608.27	5.80	145.91
10	8.58	-274.01	0.60	449.83	3.90	117.06
11	4.07	-603.14	0.13	661.74	0.79	166.80
11	6.33	-447.10	-1.82	605.96	0.50	145.35
11	8.58	-269.47	-0.80	444.41	0.37	116.22
12	4.07	-601.36	-0.13	661.55	0.79	166.57
12	6.33	-452.54	1.82	609.25	0.50	146.15
12	8.58	-275.15	0.80	451.18	0.37	117.26
1	8.58	-223.25	11.44	412.74	51.39	140.84
1	10.46	-163.44	25.50	312.95	43.27	125.56

3	8.58	-206.34	2.81	385.32	42.98	136.69
3	10.46	-149.29	23.51	288.17	35.41	121.66
5	8.58	-216.02	16.51	401.09	28.17	139.08
5	10.46	-162.76	10.67	311.77	24.90	125.37
7	8.58	-192.91	12.24	363.11	0.14	133.31
7	10.46	-148.02	-4.03	285.93	1.29	121.30
9	8.58	-251.63	-0.05	422.42	1.85	116.11
9	10.46	-196.47	-1.23	347.74	1.55	104.78
10	8.58	-254.98	0.05	426.62	1.85	116.77
10	10.46	-198.68	1.23	350.93	1.55	105.26
11	8.58	-251.73	0.58	422.54	0.72	116.13
11	10.46	-196.30	0.17	347.50	0.67	104.74
12	8.58	-254.88	-0.58	426.50	0.72	116.75
12	10.46	-198.85	-0.17	351.17	0.67	105.29

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.19
0.00	4.07	8	SLD	0.47	1.21	2.47
4.07	8.58	6	SLD	0.58	1.35	2.23
8.58	12.35	4	SLD	0.21	0.58	5.15

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.31
4.07	8.58	2	SLD	0.38	0.89	3.38
4.07	8.58	8	SLD	0.58	1.34	2.24
8.58	12.35	6	SLD	0.38	1.06	2.84

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.24	2.41
4.07	8.58	4	SLD	0.37	0.86	3.49
8.58	12.35	2	SLD	0.21	0.59	5.08
8.58	12.35	8	SLD	0.37	1.05	2.86

Maschio in muratura ordinaria n. 10

Xg=22.81 <m> Yg=5.46 <m> L=4.68 <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	0.03	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	-0.03	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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-761.90	-5.26	---	---	---	---	---	-2808.00	116.70
							2.04	-721.85	-2.62	---	---	---	---	---	-2808.00	113.30
							4.07	-563.95	4.39	---	---	---	---	---	-2808.00	96.91
3							0.00	-759.50	0.26	---	---	---	---	---	-2808.00	116.51
							2.04	-712.93	-1.48	---	---	---	---	---	-2808.00	112.50
							4.07	-553.30	0.99	---	---	---	---	---	-2808.00	95.63
5							0.00	-696.92	-10.82	---	---	---	---	---	-2808.00	111.02
							2.04	-653.04	-3.03	---	---	---	---	---	-2808.00	106.73
							4.07	-494.93	7.21	---	---	---	---	---	-2808.00	88.27
7							0.00	-638.83	-10.07	---	---	---	---	---	-2808.00	105.27
							2.04	-585.13	-2.25	---	---	---	---	---	-2808.00	99.38
							4.07	-425.13	6.22	---	---	---	---	---	-2808.00	78.62
9	-530.97	0.03	84.70	0.00	-0.02	0.03	0.00	-961.29	-0.44	---	---	0.02	0.26	0.76	-1423.38	85.62
							2.04	-887.72	-0.69	---	---	0.02	0.26	0.76	-1423.38	88.31
							4.07	-665.29	1.52	-0.00	0.02	0.02	0.26	0.76	-1423.38	87.10
10	-520.56	0.03	84.70	0.00	-0.02	0.03	0.00	-951.65	-0.38	---	---	0.02	0.26	0.76	-1423.38	86.06
							2.04	-875.78	-0.69	---	---	0.02	0.26	0.76	-1423.38	88.60
							4.07	-653.12	1.46	-0.00	0.02	0.02	0.26	0.76	-1423.38	86.63
11	-524.52	0.03	84.70	0.00	-0.02	0.03	0.00	-956.65	0.24	---	---	0.02	0.26	0.76	-1423.38	85.84
							2.04	-882.51	-0.78	---	---	0.02	0.26	0.76	-1423.38	88.44
							4.07	-660.01	1.78	-0.00	0.02	0.02	0.26	0.76	-1423.38	86.91
12	-527.00	0.03	84.70	0.00	-0.02	0.03	0.00	-956.30	-1.06	---	---	0.02	0.26	0.76	-1423.38	85.85
							2.04	-880.99	-0.60	---	---	0.02	0.26	0.76	-1423.38	88.47
							4.07	-658.40	1.20	-0.00	0.02	0.02	0.26	0.76	-1423.38	86.84
1							4.07	-472.67	1.55	---	---	---	---	---	-2808.00	85.29
							6.33	-356.70	-5.15	---	---	---	---	---	-2808.00	68.26
							8.58	-331.71	2.66	---	---	---	---	---	-2808.00	64.26
3							4.07	-460.35	0.47	---	---	---	---	---	-2808.00	83.60
							6.33	-340.47	-1.37	---	---	---	---	---	-2808.00	65.68
							8.58	-304.78	0.30	---	---	---	---	---	-2808.00	59.82
5							4.07	-415.76	2.52	---	---	---	---	---	-2808.00	77.25
							6.33	-322.87	-7.61	---	---	---	---	---	-2808.00	62.82
							8.58	-315.41	4.79	---	---	---	---	---	-2808.00	61.59
7							4.07	-354.66	2.27	---	---	---	---	---	-2808.00	67.94
							6.33	-277.65	-5.95	---	---	---	---	---	-2808.00	55.20
							8.58	-274.52	4.24	---	---	---	---	---	-2808.00	54.66
9	-231.19	-0.02	119.50	0.00	-0.04	0.08	4.07	-530.97	0.43	---	---	0.02	0.28	0.73	-1372.40	79.60
							6.33	-408.23	-0.66	0.00	0.04	0.04	0.58	0.60	-1118.09	68.29

							8.58	-383.38	0.40	---	---	0.08	1.12	0.42	-788.92	65.48
10	-223.49	-0.02	119.50	0.00	-0.04	0.08	4.07	-520.56	0.44	---	---	0.02	0.28	0.73	-1372.40	78.81
							6.33	-400.44	-0.65	0.00	0.04	0.04	0.58	0.60	-1115.17	67.42
							8.58	-376.35	0.30	---	---	0.08	1.13	0.42	-782.42	64.65
11	-223.78	-0.02	119.50	0.00	-0.04	0.08	4.07	-524.52	0.53	---	---	0.02	0.28	0.73	-1372.40	79.11
							6.33	-402.78	-0.84	0.00	0.04	0.04	0.59	0.59	-1111.56	67.69
							8.58	-377.50	0.52	---	---	0.08	1.13	0.42	-782.67	64.79
12	-230.90	-0.02	119.50	0.00	-0.04	0.08	4.07	-527.00	0.34	---	---	0.02	0.28	0.73	-1372.40	79.30
							6.33	-405.88	-0.47	0.00	0.04	0.04	0.57	0.60	-1121.67	68.03
							8.58	-382.23	0.18	---	---	0.08	1.12	0.42	-788.68	65.34
1							8.58	-268.44	3.12	---	---	---	---	---	-2808.00	53.61
							10.46	-232.21	4.59	---	---	---	---	---	-2808.00	47.16
3							8.58	-225.71	1.21	---	---	---	---	---	-2808.00	45.98
							10.46	-189.83	0.02	---	---	---	---	---	-2808.00	39.31
5							8.58	-265.46	4.24	---	---	---	---	---	-2808.00	53.09
							10.46	-218.65	8.45	---	---	---	---	---	-2808.00	44.69
7							8.58	-220.19	3.28	---	---	---	---	---	-2808.00	44.97
							10.46	-164.64	7.18	---	---	---	---	---	-2808.00	34.49
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-231.19	0.15	---	---	0.02	0.24	0.78	-1453.49	44.46
							10.46	-167.33	0.24	---	---	0.02	0.24	0.78	-1453.49	33.69
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-223.49	0.10	---	---	0.02	0.24	0.78	-1453.49	43.22
							10.46	-158.54	0.25	---	---	0.02	0.24	0.78	-1453.49	32.12
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-223.78	0.23	---	---	0.02	0.24	0.78	-1453.49	43.27
							10.46	-159.44	0.02	---	---	0.02	0.24	0.78	-1453.49	32.28
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-230.90	0.01	---	---	0.02	0.24	0.78	-1453.49	44.41
							10.46	-166.43	0.47	---	---	0.02	0.24	0.78	-1453.49	33.53

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-761.90	70.99	1213.74	138.13	269.27
1	2.04	-721.85	14.23	1178.28	148.72	262.83
1	4.07	-563.95	20.55	1007.83	114.19	235.73
3	0.00	-759.50	68.46	1211.70	126.21	268.89
3	2.04	-712.93	9.07	1169.95	135.18	261.37
3	4.07	-553.30	7.34	994.59	105.03	233.79
5	0.00	-696.92	25.14	1154.62	59.53	258.74
5	2.04	-653.04	12.10	1110.01	65.16	251.38
5	4.07	-494.93	26.19	917.98	48.15	222.85
7	0.00	-638.83	-16.70	1094.76	19.77	248.95
7	2.04	-585.13	5.11	1033.55	20.01	239.54
7	4.07	-425.13	17.82	817.61	17.62	209.03
9	0.00	-961.29	4.20	890.48	8.90	241.00
9	2.04	-887.72	0.44	918.37	9.05	232.13
9	4.07	-665.29	-1.32	905.88	5.99	202.98
10	0.00	-951.65	-4.20	895.04	8.90	239.86
10	2.04	-875.78	-0.44	921.40	9.05	230.66
10	4.07	-653.12	1.32	901.00	5.99	201.26
11	0.00	-956.65	0.32	892.71	1.10	240.46
11	2.04	-882.51	0.54	919.74	1.26	231.49
11	4.07	-660.01	1.06	903.82	0.82	202.23
12	0.00	-956.30	-0.32	892.88	1.10	240.41
12	2.04	-880.99	-0.54	920.13	1.26	231.31
12	4.07	-658.40	-1.06	903.17	0.82	202.01
1	4.07	-472.67	18.34	887.01	143.44	218.54
1	6.33	-356.70	28.03	709.94	116.14	194.52
1	8.58	-331.71	17.80	668.32	93.83	188.94
3	4.07	-460.35	1.64	869.45	131.01	216.12
3	6.33	-340.47	7.41	683.05	98.88	190.92
3	8.58	-304.78	7.28	622.12	70.11	182.75
5	4.07	-415.76	30.83	803.41	61.89	207.10
5	6.33	-322.87	39.69	653.32	61.02	186.93
5	8.58	-315.41	21.29	640.53	64.13	185.22
7	4.07	-354.66	24.83	706.59	20.44	194.07
7	6.33	-277.65	29.06	574.12	3.48	176.28
7	8.58	-274.52	13.77	568.49	14.95	175.52
9	4.07	-530.97	-1.03	827.87	6.60	183.13
9	6.33	-408.23	-1.11	710.18	4.64	162.90
9	8.58	-383.38	-0.86	680.96	3.35	158.49
10	4.07	-520.56	1.03	819.61	6.60	181.51
10	6.33	-400.44	1.11	701.21	4.64	161.53
10	8.58	-376.35	0.86	672.36	3.35	157.22
11	4.07	-524.52	-1.58	822.79	1.05	182.13
11	6.33	-402.78	1.64	703.93	1.52	161.95
11	8.58	-377.50	0.83	673.78	2.08	157.43
12	4.07	-527.00	1.58	824.76	1.05	182.52
12	6.33	-405.88	-1.64	707.50	1.52	162.49
12	8.58	-382.23	-0.83	679.56	2.08	158.29

1	8.58	-268.44	33.73	557.50	63.05	174.03
1	10.46	-232.21	39.83	490.51	48.48	164.88
3	8.58	-225.71	24.17	478.22	54.34	163.19
3	10.46	-189.83	38.23	408.87	39.94	153.50
5	8.58	-265.46	24.62	552.10	32.12	173.30
5	10.46	-218.65	14.38	464.77	27.51	161.33
7	8.58	-220.19	7.25	467.72	3.10	161.74
7	10.46	-164.64	-9.04	358.69	0.98	146.31
9	8.58	-231.19	-1.70	462.38	1.85	128.22
9	10.46	-167.33	-1.89	350.38	1.18	113.13
10	8.58	-223.49	1.70	449.51	1.85	126.49
10	10.46	-158.54	1.89	334.02	1.18	110.89
11	8.58	-223.78	-0.64	450.00	0.56	126.56
11	10.46	-159.44	0.21	335.71	0.55	111.12
12	8.58	-230.90	0.64	461.90	0.56	128.15
12	10.46	-166.43	-0.21	348.71	0.55	112.90

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.20
0.00	4.07	8	SLD	0.46	1.19	2.52
4.07	8.58	6	SLD	0.56	1.32	2.27
8.58	12.35	4	SLD	0.23	0.62	4.85

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.31
4.07	8.58	2	SLD	0.38	0.90	3.33
4.07	8.58	8	SLD	0.54	1.29	2.33
8.58	12.35	6	SLD	0.38	1.03	2.92

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.22	2.45
4.07	8.58	4	SLD	0.36	0.86	3.49
8.58	12.35	2	SLD	0.21	0.58	5.19
8.58	12.35	8	SLD	0.38	1.05	2.87

Maschio in muratura ordinaria n. 11

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	9360.00	2600.00	3900.00	190.13	79.22	118.83
					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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-317.95	-1.31	---	---	---	---	---	-1842.75	57.02
							2.04	-280.43	0.24	---	---	---	---	---	-1842.75	51.80
							4.07	-145.82	0.21	---	---	---	---	---	-1842.75	29.75
3							0.00	-314.33	0.69	---	---	---	---	---	-1842.75	56.53
							2.04	-279.06	0.03	---	---	---	---	---	-1842.75	51.60
							4.07	-140.39	0.12	---	---	---	---	---	-1842.75	28.76
5							0.00	-300.73	-3.50	---	---	---	---	---	-1842.75	54.67
							2.04	-250.49	0.46	---	---	---	---	---	-1842.75	47.35
							4.07	-128.64	0.30	---	---	---	---	---	-1842.75	26.57
7							0.00	-282.35	-3.37	---	---	---	---	---	-1842.75	52.08
							2.04	-223.47	0.43	---	---	---	---	---	-1842.75	43.11
							4.07	-108.48	0.29	---	---	---	---	---	-1842.75	22.72
9	-75.57	0.00	17.10	17.10	-0.00	0.02	0.00	-405.44	-0.64	0.00	0.01	0.02	0.26	0.76	-934.10	55.80
							2.04	-335.74	0.18	---	---	0.02	0.26	0.76	-934.10	51.25
							4.07	-159.47	0.31	---	---	0.02	0.26	0.76	-934.10	30.40
10	-79.00	0.00	17.10	17.10	-0.00	0.02	0.00	-408.09	-0.62	0.00	0.01	0.02	0.26	0.76	-934.10	55.94
							2.04	-340.80	0.17	---	---	0.02	0.26	0.76	-934.10	51.65
							4.07	-162.99	0.30	---	---	0.02	0.26	0.76	-934.10	30.95
11	-77.43	0.00	17.10	17.10	-0.00	0.02	0.00	-406.40	-0.84	0.00	0.01	0.02	0.26	0.76	-934.10	55.85
							2.04	-338.27	0.20	---	---	0.02	0.26	0.76	-934.10	51.46
							4.07	-161.59	0.32	---	---	0.02	0.26	0.76	-934.10	30.73
12	-77.15	0.00	17.10	17.10	-0.00	0.02	0.00	-407.13	-0.43	0.00	0.01	0.02	0.26	0.76	-934.10	55.89
							2.04	-338.26	0.15	---	---	0.02	0.26	0.76	-934.10	51.45
							4.07	-160.86	0.29	---	---	0.02	0.26	0.76	-934.10	30.62
1							4.07	-89.90	-0.35	---	---	---	---	---	-630.00	16.83
							6.33	-53.13	-0.27	---	---	---	---	---	-630.00	10.77
							8.58	-45.62	0.26	---	---	---	---	---	-630.00	9.39
3							4.07	-87.65	-0.02	---	---	---	---	---	-630.00	16.49
							6.33	-51.63	-0.01	---	---	---	---	---	-630.00	10.50
							8.58	-43.84	0.06	---	---	---	---	---	-630.00	9.06
5							4.07	-68.77	-0.68	---	---	---	---	---	-630.00	13.49
							6.33	-53.34	-0.52	---	---	---	---	---	-630.00	10.81
							8.58	-44.15	0.44	---	---	---	---	---	-630.00	9.12
7							4.07	-48.41	-0.63	---	---	---	---	---	-630.00	9.91
							6.33	-52.02	-0.47	---	---	---	---	---	-630.00	10.57
							8.58	-41.12	0.38	---	---	---	---	---	-630.00	8.54

9	-49.58	0.00	0.00	0.00	0.00	0.02	4.07	-75.57	-0.14	---	---	0.02	0.28	0.73	-307.91	13.40
							6.33	-72.49	-0.04	---	---	0.02	0.28	0.73	-307.91	13.00
							8.58	-58.30	0.16	-0.00	0.01	0.02	0.28	0.73	-307.91	10.98
10	-50.14	0.00	0.00	0.00	0.00	0.02	4.07	-79.00	-0.14	---	---	0.02	0.28	0.73	-307.91	13.84
							6.33	-72.70	-0.05	---	---	0.02	0.28	0.73	-307.91	13.03
							8.58	-58.74	0.17	-0.00	0.01	0.02	0.28	0.73	-307.91	11.04
11	-49.41	0.00	0.00	0.00	0.00	0.02	4.07	-77.43	-0.15	---	---	0.02	0.28	0.73	-307.91	13.64
							6.33	-72.66	-0.03	---	---	0.02	0.28	0.73	-307.91	13.02
							8.58	-58.35	0.17	-0.00	0.01	0.02	0.28	0.73	-307.91	10.98
12	-50.32	0.00	0.00	0.00	0.00	0.02	4.07	-77.15	-0.13	---	---	0.02	0.28	0.73	-307.91	13.61
							6.33	-72.53	-0.07	---	---	0.02	0.28	0.73	-307.91	13.00
							8.58	-58.69	0.17	-0.00	0.01	0.02	0.28	0.73	-307.91	11.03
1							8.58	-44.14	-0.45	---	---	---	---	---	-630.00	9.11
							10.46	-28.20	0.24	---	---	---	---	---	-630.00	6.01
3							8.58	-38.46	0.08	---	---	---	---	---	-630.00	8.03
							10.46	-23.25	0.03	---	---	---	---	---	-630.00	5.00
5							8.58	-45.90	-0.98	---	---	---	---	---	-630.00	9.44
							10.46	-33.07	0.45	---	---	---	---	---	-630.00	6.98
7							8.58	-41.72	-0.90	---	---	---	---	---	-630.00	8.66
							10.46	-32.29	0.41	---	---	---	---	---	-630.00	6.83
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-49.58	-0.10	---	---	0.02	0.23	0.79	-331.18	9.61
							10.46	-34.98	0.13	---	---	0.02	0.23	0.79	-331.18	7.10
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-50.14	-0.09	---	---	0.02	0.23	0.79	-331.18	9.70
							10.46	-34.88	0.12	---	---	0.02	0.23	0.79	-331.18	7.08
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-49.41	-0.13	---	---	0.02	0.23	0.79	-331.18	9.58
							10.46	-34.53	0.14	---	---	0.02	0.23	0.79	-331.18	7.02
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-50.32	-0.06	---	---	0.02	0.23	0.79	-331.18	9.73
							10.46	-35.33	0.11	---	---	0.02	0.23	0.79	-331.18	7.16

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-317.95	0.00	133.04	7.58	96.62
1	2.04	-280.43	0.00	120.87	9.57	91.64
1	4.07	-145.82	0.00	69.43	8.00	70.99
3	0.00	-314.33	0.00	131.91	6.01	96.15
3	2.04	-279.06	0.00	120.40	7.74	91.46
3	4.07	-140.39	0.00	67.10	6.94	70.03
5	0.00	-300.73	0.00	127.57	4.65	94.37
5	2.04	-250.49	0.00	110.48	5.65	87.47
5	4.07	-128.64	0.00	61.99	4.00	67.91
7	0.00	-282.35	0.00	121.51	0.57	91.91
7	2.04	-223.47	-0.00	100.58	0.46	83.53
7	4.07	-108.48	0.00	53.01	0.48	64.09
9	0.00	-405.44	-0.00	130.21	0.72	85.83
9	2.04	-335.74	-0.00	119.59	0.59	78.79
9	4.07	-159.47	0.00	70.93	0.20	57.23
10	0.00	-408.09	0.00	130.52	0.72	86.09
10	2.04	-340.80	0.00	120.53	0.59	79.32
10	4.07	-162.99	-0.00	72.21	0.20	57.74
11	0.00	-406.40	-0.00	130.32	0.12	85.93
11	2.04	-338.27	0.00	120.06	0.14	79.06
11	4.07	-161.59	0.00	71.71	0.08	57.54
12	0.00	-407.13	0.00	130.41	0.12	86.00
12	2.04	-338.26	0.00	120.06	0.14	79.06
12	4.07	-160.86	-0.00	71.44	0.08	57.44
1	4.07	-89.90	0.00	39.27	23.69	30.51
1	6.33	-53.13	0.00	25.12	19.13	24.84
1	8.58	-45.62	0.00	21.91	11.90	23.52
3	4.07	-87.65	0.00	38.48	23.43	30.19
3	6.33	-51.63	0.00	24.49	18.95	24.58
3	8.58	-43.84	0.00	21.13	9.91	23.19
5	4.07	-68.77	0.00	31.47	7.50	27.39
5	6.33	-53.34	0.00	25.21	6.01	24.88
5	8.58	-44.15	0.00	21.27	6.58	23.25
7	4.07	-48.41	0.00	23.12	6.63	24.02
7	6.33	-52.02	0.00	24.66	5.41	24.65
7	8.58	-41.12	0.00	19.93	0.04	22.68
9	4.07	-75.57	0.00	31.28	1.10	22.42
9	6.33	-72.49	0.00	30.33	0.83	22.02
9	8.58	-58.30	0.00	25.61	0.41	20.11
10	4.07	-79.00	0.00	32.30	1.10	22.85
10	6.33	-72.70	0.00	30.39	0.83	22.05
10	8.58	-58.74	0.00	25.76	0.41	20.17
11	4.07	-77.43	0.00	31.83	0.03	22.65
11	6.33	-72.66	0.00	30.38	0.00	22.05
11	8.58	-58.35	0.00	25.63	0.14	20.12
12	4.07	-77.15	0.00	31.75	0.03	22.62

12	6.33	-72.53	0.00	30.34	0.00	22.03
12	8.58	-58.69	-0.00	25.75	0.14	20.16
1	8.58	-44.14	0.00	21.26	12.01	23.24
1	10.46	-28.20	0.00	14.03	3.06	20.11
3	8.58	-38.46	-0.00	18.74	11.39	22.18
3	10.46	-23.25	-0.00	11.67	1.73	19.03
5	8.58	-45.90	0.00	22.03	4.54	23.57
5	10.46	-33.07	0.00	16.29	2.95	21.12
7	8.58	-41.72	0.00	20.20	2.48	22.80
7	10.46	-32.29	0.00	15.93	1.51	20.96
9	8.58	-49.58	0.00	22.41	0.40	18.84
9	10.46	-34.98	0.00	16.57	0.01	16.48
10	8.58	-50.14	0.00	22.63	0.40	18.92
10	10.46	-34.88	0.00	16.52	0.01	16.47
11	8.58	-49.41	0.00	22.35	0.03	18.81
11	10.46	-34.53	0.00	16.38	0.12	16.41
12	8.58	-50.32	0.00	22.69	0.03	18.95
12	10.46	-35.33	-0.00	16.71	0.12	16.54

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.15
0.00	4.07	8	SLD	0.47	1.22	2.46
4.07	8.58	6	SLD	0.56	1.32	2.27
8.58	12.35	4	SLD	0.22	0.61	4.91

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.90	3.34
4.07	8.58	2	SLD	0.38	0.90	3.32
4.07	8.58	8	SLD	0.55	1.31	2.30
8.58	12.35	6	SLD	0.41	1.17	2.55

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.49	1.26	2.38
4.07	8.58	4	SLD	0.37	0.87	3.45
8.58	12.35	2	SLD	0.22	0.62	4.86
8.58	12.35	8	SLD	0.41	1.17	2.56

Maschio in muratura ordinaria n. 12

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_{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		100	-0.13	101	0.13	0.02	0.00	1.00	8.60	9360.00	2600.00	3900.00	190.13	79.22	118.83
					114	-0.13	113	0.13										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-134.47	1.05	---	---	---	---	---	-666.88	23.08
							2.04	-113.94	0.57	---	---	---	---	---	-666.88	20.48
3							0.00	-127.68	-0.52	---	---	---	---	---	-666.88	22.26
							2.04	-109.58	0.41	---	---	---	---	---	-666.88	19.89
5							0.00	-119.47	2.71	---	---	---	---	---	-666.88	21.22
							2.04	-113.02	0.74	---	---	---	---	---	-666.88	20.36
7							0.00	-99.84	2.56	---	---	---	---	---	-666.88	18.51
							2.04	-107.88	0.73	---	---	---	---	---	-666.88	19.65
9	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-141.39	-0.43	---	---	0.02	0.26	0.76	-338.04	19.91
							2.04	-151.57	0.72	-0.00	0.01	0.02	0.26	0.76	-338.04	20.42
10	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-145.05	-0.40	---	---	0.02	0.26	0.76	-338.04	20.11
							2.04	-152.29	0.72	-0.00	0.01	0.02	0.26	0.76	-338.04	20.46
11	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-143.85	-0.56	---	---	0.02	0.26	0.76	-338.04	20.05
							2.04	-152.30	0.74	-0.00	0.01	0.02	0.26	0.76	-338.04	20.46
12	0.00	0.00	6.19	6.19	-0.00	0.02	0.00	-142.59	-0.26	---	---	0.02	0.26	0.76	-338.04	19.98
							2.04	-151.56	0.70	-0.00	0.01	0.02	0.26	0.76	-338.04	20.42

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-134.47	0.00	19.49	5.87	37.39
1	2.04	-113.94	0.00	17.30	3.98	34.82
3	0.00	-127.68	0.00	18.79	5.12	36.56
3	2.04	-109.58	0.00	16.79	3.87	34.25
5	0.00	-119.47	0.00	17.92	2.89	35.53
5	2.04	-113.02	0.00	17.19	1.36	34.70
7	0.00	-99.84	0.00	15.63	0.40	32.94
7	2.04	-107.88	0.00	16.60	1.00	34.02
9	0.00	-141.39	0.00	16.81	0.39	30.54
9	2.04	-151.57	0.00	17.25	0.21	31.53
10	0.00	-145.05	0.00	16.98	0.39	30.90
10	2.04	-152.29	0.00	17.27	0.21	31.60
11	0.00	-143.85	0.00	16.93	0.07	30.78
11	2.04	-152.30	0.00	17.27	0.00	31.60

12	0.00	-142.59	0.00	16.87	0.07	30.66
12	2.04	-151.56	0.00	17.25	0.00	31.53

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.17
0.00	4.07	8	SLD	0.47	1.22	2.47

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.90	3.32

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.25	2.40

Maschio in muratura ordinaria n. 13

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_{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	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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-412.89	5.63	---	---	---	---	---	-1332.01	59.02
							2.04	-280.99	-3.12	---	---	---	---	---	-1332.01	47.53
3							0.00	-345.74	0.74	---	---	---	---	---	-1332.01	54.04
							2.04	-263.00	-2.86	---	---	---	---	---	-1332.01	45.43
5							0.00	-466.28	10.51	---	---	---	---	---	-1332.01	61.71
							2.04	-287.67	-2.89	---	---	---	---	---	-1332.01	48.28
7							0.00	-444.90	9.81	---	---	---	---	---	-1332.01	60.77
							2.04	-275.40	-2.45	---	---	---	---	---	-1332.01	46.89
9	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-475.92	1.48	---	---	0.02	0.26	0.85	-757.52	39.56
							2.04	-362.59	-3.07	0.01	0.08	0.08	1.08	0.55	-486.31	42.39
10	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-479.32	1.59	---	---	0.02	0.26	0.85	-757.52	39.36
							2.04	-364.62	-3.14	0.01	0.08	0.08	1.08	0.55	-485.78	42.41
11	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-471.42	1.05	---	---	0.02	0.26	0.85	-757.52	39.82
							2.04	-362.45	-3.06	0.01	0.08	0.08	1.08	0.55	-486.42	42.39
12	0.00	0.00	11.37	0.00	-0.13	0.15	0.00	-483.81	2.02	---	---	0.02	0.26	0.85	-757.52	39.08
							2.04	-364.75	-3.16	0.01	0.08	0.08	1.08	0.55	-485.68	42.41

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-412.89	0.00	291.18	59.09	90.44
1	2.04	-280.99	0.00	234.49	71.67	76.16
3	0.00	-345.74	0.00	266.58	44.10	83.48
3	2.04	-263.00	0.00	224.12	52.88	74.00
5	0.00	-466.28	0.00	304.42	40.47	95.62
5	2.04	-287.67	0.00	238.18	50.00	76.95
7	0.00	-444.90	0.00	299.79	9.52	93.58
7	2.04	-275.40	0.00	231.34	12.64	75.50
9	0.00	-475.92	-0.00	195.19	3.45	77.77
9	2.04	-362.59	-0.00	209.14	3.67	68.45
10	0.00	-479.32	0.00	194.19	3.45	78.03
10	2.04	-364.62	0.00	209.22	3.67	68.63
11	0.00	-471.42	-0.00	196.46	1.32	77.42
11	2.04	-362.45	-0.00	209.13	1.64	68.44
12	0.00	-483.81	0.00	192.81	1.32	78.38
12	2.04	-364.75	0.00	209.22	1.64	68.64

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.16
0.00	4.07	8	SLD	0.47	1.22	2.47

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.30

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.25	2.40

Maschio in muratura ordinaria n. 14

Xg=15.45 <m> Yg=7.57 <m> L=2.54 <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	106	-0.13	105	0.13	0.02	0.00	1.00	8.60	9360.00	2600.00	3900.00	190.13	79.22	118.83
							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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-634.95	12.68	---	---	---	---	---	-4457.72	118.92
							2.04	-532.40	-3.77	---	---	---	---	---	-4457.72	102.96
							4.07	-347.44	-5.41	---	---	---	---	---	-4457.72	71.01
3							0.00	-566.73	5.66	---	---	---	---	---	-4457.72	108.44
							2.04	-495.86	-2.74	---	---	---	---	---	-4457.72	96.97
							4.07	-344.01	-4.29	---	---	---	---	---	-4457.72	70.38
5							0.00	-693.61	20.13	---	---	---	---	---	-4457.72	127.49
							2.04	-571.48	-4.26	---	---	---	---	---	-4457.72	109.19
							4.07	-326.80	-4.11	---	---	---	---	---	-4457.72	67.19
7							0.00	-675.67	19.49	---	---	---	---	---	-4457.72	124.92
							2.04	-568.44	-3.64	---	---	---	---	---	-4457.72	108.71
							4.07	-305.68	-1.89	---	---	---	---	---	-4457.72	63.23
9	-544.49	0.00	26.61	42.50	0.00	0.02	0.00	-807.91	9.93	-0.01	0.02	0.02	0.31	0.73	-2174.66	123.64
							2.04	-735.51	-3.50	---	---	0.02	0.26	0.76	-2259.63	117.30
							4.07	-469.24	-1.24	---	---	0.02	0.30	0.74	-2194.28	85.97
10	-541.63	0.00	26.61	42.50	0.00	0.02	0.00	-811.37	9.91	-0.01	0.02	0.02	0.31	0.73	-2176.03	123.92
							2.04	-735.89	-3.49	---	---	0.02	0.26	0.76	-2259.63	117.34
							4.07	-465.73	-1.25	---	---	0.02	0.30	0.74	-2193.97	85.47
11	-542.56	0.00	26.61	42.50	0.00	0.02	0.00	-803.26	9.20	-0.01	0.02	0.02	0.30	0.74	-2191.22	123.26
							2.04	-732.51	-3.51	---	---	0.02	0.26	0.76	-2259.63	117.02
							4.07	-467.55	-1.24	---	---	0.02	0.30	0.74	-2194.07	85.73
12	-543.55	0.00	26.61	42.50	0.00	0.02	0.00	-816.02	10.63	-0.01	0.02	0.02	0.32	0.73	-2159.72	124.29
							2.04	-738.89	-3.48	---	---	0.02	0.26	0.76	-2259.63	117.62
							4.07	-467.41	-1.25	---	---	0.02	0.30	0.74	-2194.18	85.71
1							4.07	-404.08	5.62	---	---	---	---	---	-1524.01	62.56
							6.33	-330.23	-4.44	---	---	---	---	---	-1524.01	55.36
							8.58	-242.54	5.47	---	---	---	---	---	-1524.01	44.35
3							4.07	-393.01	2.87	---	---	---	---	---	-1524.01	61.60
							6.33	-311.82	-2.24	---	---	---	---	---	-1524.01	53.27
							8.58	-229.65	4.20	---	---	---	---	---	-1524.01	42.51
5							4.07	-397.90	7.47	---	---	---	---	---	-1524.01	62.03
							6.33	-340.50	-5.19	---	---	---	---	---	-1524.01	56.47
							8.58	-252.05	4.57	---	---	---	---	---	-1524.01	45.68
7							4.07	-381.52	6.31	---	---	---	---	---	-1524.01	60.56
							6.33	-330.88	-3.64	---	---	---	---	---	-1524.01	55.43
							8.58	-247.32	2.52	---	---	---	---	---	-1524.01	45.02
9	-282.53	0.00	0.00	0.00	0.00	0.02	4.07	-544.49	3.15	-0.01	0.02	0.02	0.28	0.73	-744.85	45.27
							6.33	-455.65	-0.94	---	---	0.02	0.28	0.73	-744.85	48.43
							8.58	-349.97	2.18	---	---	0.02	0.28	0.73	-744.85	46.83
10	-280.32	0.00	0.00	0.00	0.00	0.02	4.07	-541.63	3.14	-0.01	0.02	0.02	0.28	0.73	-744.85	45.44
							6.33	-456.67	-0.91	---	---	0.02	0.28	0.73	-744.85	48.42
							8.58	-348.75	2.08	---	---	0.02	0.28	0.73	-744.85	46.78
11	-282.52	0.00	0.00	0.00	0.00	0.02	4.07	-542.56	2.90	-0.01	0.02	0.02	0.28	0.73	-744.85	45.38
							6.33	-457.93	-0.76	---	---	0.02	0.28	0.73	-744.85	48.40
							8.58	-350.64	2.07	---	---	0.02	0.28	0.73	-744.85	46.86
12	-280.33	0.00	0.00	0.00	0.00	0.02	4.07	-543.55	3.39	-0.01	0.02	0.02	0.28	0.73	-744.85	45.32
							6.33	-454.39	-1.10	---	---	0.02	0.28	0.73	-744.85	48.44
							8.58	-348.08	2.19	---	---	0.02	0.28	0.73	-744.85	46.75
1							8.58	-207.30	3.69	---	---	---	---	---	-1524.01	39.18
							10.46	-138.66	-2.11	---	---	---	---	---	-1524.01	27.86
3							8.58	-196.44	2.19	---	---	---	---	---	-1524.01	37.50
							10.46	-125.24	-0.57	---	---	---	---	---	-1524.01	25.45
5							8.58	-206.36	3.98	---	---	---	---	---	-1524.01	39.03
							10.46	-137.49	-3.22	---	---	---	---	---	-1524.01	27.65
7							8.58	-194.70	2.74	---	---	---	---	---	-1524.01	37.22
							10.46	-123.07	-2.64	---	---	---	---	---	-1524.01	25.06
9	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-282.53	1.46	---	---	0.02	0.24	0.78	-788.87	42.77
							10.46	-149.54	-0.54	---	---	0.07	0.96	0.50	-506.93	27.82
10	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-280.32	1.42	---	---	0.02	0.24	0.78	-788.87	42.60
							10.46	-147.07	-0.46	---	---	0.07	0.96	0.50	-506.93	27.46
11	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-282.52	1.34	---	---	0.02	0.24	0.78	-788.87	42.77
							10.46	-149.50	-0.39	---	---	0.07	0.96	0.50	-506.93	27.81
12	0.00	0.00	0.00	3.68	0.13	0.14	8.58	-280.33	1.54	---	---	0.02	0.24	0.78	-788.87	42.60
							10.46	-147.12	-0.61	---	---	0.07	0.96	0.50	-506.93	27.46

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-634.95	0.00	671.26	130.97	215.70

1	2.04	-532.40	0.00	581.15	147.17	200.84
1	4.07	-347.44	0.00	400.80	18.31	170.80
3	0.00	-566.73	-0.00	612.09	121.17	205.94
3	2.04	-495.86	-0.00	547.34	132.46	195.27
3	4.07	-344.01	0.00	397.23	12.21	170.19
5	0.00	-693.61	0.00	719.64	54.15	223.76
5	2.04	-571.48	0.00	616.32	66.46	206.63
5	4.07	-326.80	0.00	379.24	14.75	167.11
7	0.00	-675.67	0.00	705.09	21.49	221.33
7	2.04	-568.44	0.00	613.62	17.43	206.19
7	4.07	-305.68	0.00	356.89	5.60	163.25
9	0.00	-807.91	-0.00	697.89	7.64	190.15
9	2.04	-735.51	-0.00	662.12	8.21	182.33
9	4.07	-469.24	0.00	485.23	0.87	150.09
10	0.00	-811.37	0.00	699.46	7.64	190.51
10	2.04	-735.89	0.00	662.32	8.21	182.37
10	4.07	-465.73	-0.00	482.43	0.87	149.62
11	0.00	-803.26	-0.00	695.75	0.95	189.66
11	2.04	-732.51	-0.00	660.52	1.42	182.00
11	4.07	-467.55	0.00	483.89	0.65	149.87
12	0.00	-816.02	0.00	701.56	0.95	191.01
12	2.04	-738.89	0.00	663.91	1.42	182.70
12	4.07	-467.41	-0.00	483.77	0.65	149.85
1	4.07	-404.08	0.00	353.11	59.65	96.42
1	6.33	-330.23	0.00	312.48	50.73	88.17
1	8.58	-242.54	0.00	250.35	22.02	77.22
3	4.07	-393.01	0.00	347.70	47.09	95.23
3	6.33	-311.82	0.00	300.69	37.67	85.99
3	8.58	-229.65	-0.00	239.95	15.07	75.48
5	4.07	-397.90	0.00	350.11	36.93	95.76
5	6.33	-340.50	0.00	318.77	35.02	89.36
5	8.58	-252.05	0.00	257.82	17.15	78.49
7	4.07	-381.52	0.00	341.83	4.91	93.98
7	6.33	-330.88	0.00	312.89	8.50	88.24
7	8.58	-247.32	0.00	254.13	6.02	77.86
9	4.07	-544.49	0.00	255.52	2.47	88.98
9	6.33	-455.65	-0.00	273.36	1.85	81.82
9	8.58	-349.97	0.00	264.35	0.70	72.39
10	4.07	-541.63	-0.00	256.46	2.47	88.76
10	6.33	-456.67	0.00	273.29	1.85	81.91
10	8.58	-348.75	-0.00	264.05	0.70	72.28
11	4.07	-542.56	-0.00	256.16	1.00	88.83
11	6.33	-457.93	0.00	273.19	1.05	82.01
11	8.58	-350.64	0.00	264.51	0.54	72.46
12	4.07	-543.55	0.00	255.83	1.00	88.91
12	6.33	-454.39	-0.00	273.44	1.05	81.72
12	8.58	-348.08	-0.00	263.89	0.54	72.21
1	8.58	-207.30	0.00	221.14	26.50	75.12
1	10.46	-138.66	0.00	157.25	40.06	64.16
3	8.58	-196.44	0.00	211.65	22.83	73.50
3	10.46	-125.24	0.00	143.68	32.49	61.79
5	8.58	-206.36	0.00	220.33	13.52	74.99
5	10.46	-137.49	0.00	156.08	23.49	63.96
7	8.58	-194.70	0.00	210.11	1.28	73.24
7	10.46	-123.07	0.00	141.45	1.73	61.40
9	8.58	-282.53	0.00	241.43	0.87	68.18
9	10.46	-149.54	0.00	157.03	1.47	51.73
10	8.58	-280.32	-0.00	240.45	0.87	67.94
10	10.46	-147.07	-0.00	154.97	1.47	51.38
11	8.58	-282.52	0.00	241.43	0.03	68.18
11	10.46	-149.50	0.00	157.00	0.53	51.73
12	8.58	-280.33	-0.00	240.45	0.03	67.94
12	10.46	-147.12	-0.00	155.01	0.53	51.39

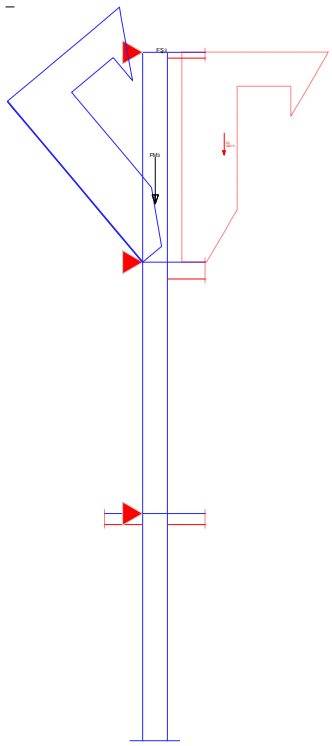
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.20
0.00	4.07	8	SLD	0.47	1.21	2.48
4.07	8.58	6	SLD	0.58	1.37	2.19
8.58	12.35	4	SLD	0.21	0.57	5.23

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.92	3.27
4.07	8.58	2	SLD	0.38	0.91	3.29
4.07	8.58	8	SLD	0.57	1.35	2.21
8.58	12.35	6	SLD	0.37	1.01	2.98

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.44
4.07	8.58	4	SLD	0.37	0.88	3.43
8.58	12.35	2	SLD	0.21	0.56	5.34
8.58	12.35	8	SLD	0.37	1.01	2.96

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

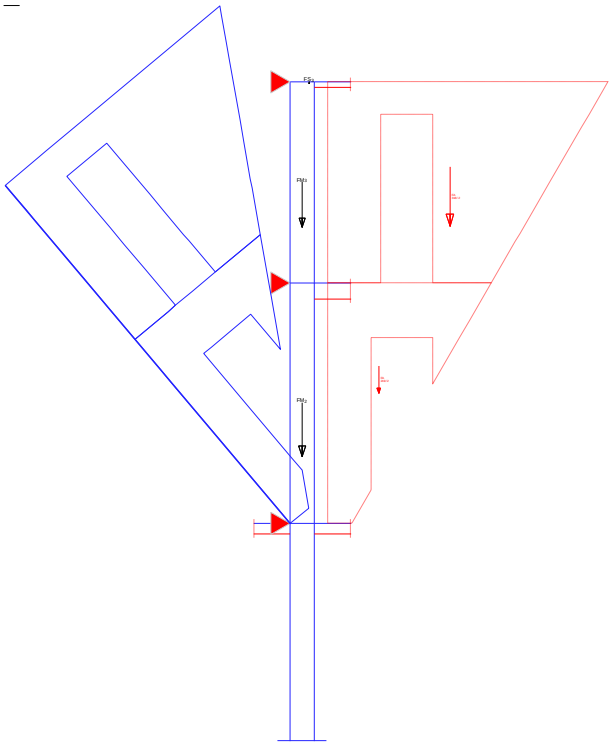


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{318/3}$		42.13	0.53	10.89	Peso ammorsamenti 318/3
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^*=13470.20 <kg>
Frazione di massa partecipante e^*=0.98
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=160.33 <mm>
Domanda di spostamento [C8A.4.11]=122.60 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.3077
Domanda di spostamento amplificata [C8A.4.12]=93.42 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.7162

Ribalt. a z=4.07 ammors. a z=4.07

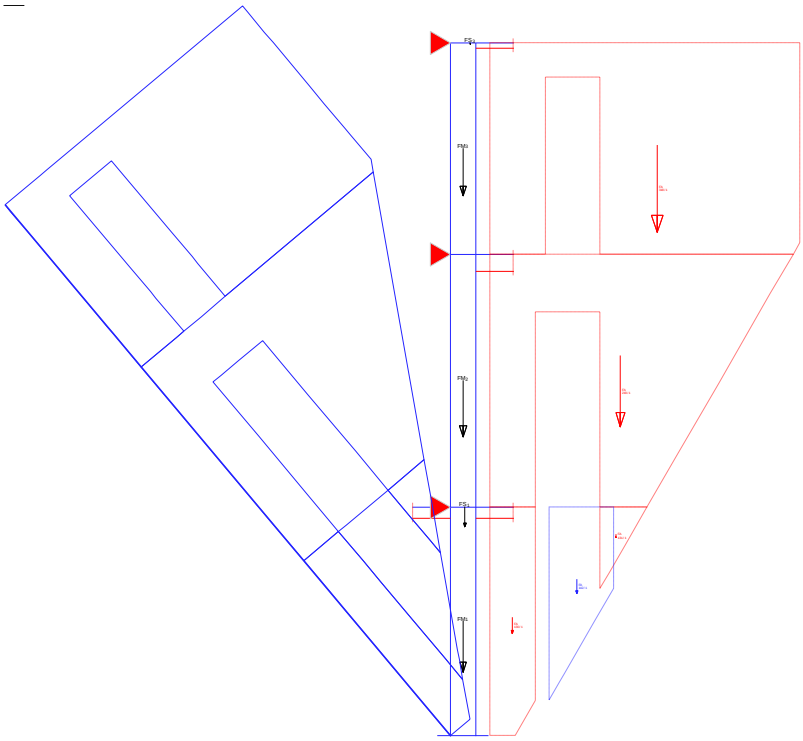


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{219/2}$		54.45	0.72	7.01	Peso ammorsamenti 219/2
$FA_{318/2}$		118.63	2.05	10.75	Peso ammorsamenti 318/2
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^*=32283.00 <kg>
Frazione di massa partecipante e^*=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=463.62 <mm>
Domanda di spostamento [C8A.4.11]=187.41 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4738
Domanda di spostamento amplificata [C8A.4.12]=60.21 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=7.6994

Ribalt. a z=0.00 ammors. a z=0.00

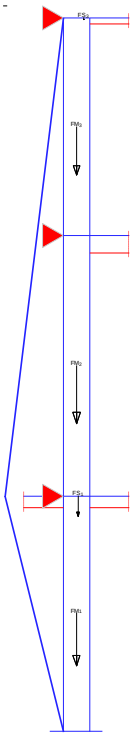


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{130/1}$		30.09	0.17	2.10	Peso ammorsamenti 130/1
$FA_{131/1}$		5.77	2.01	3.59	Peso ammorsamenti 131/1
$FA_{219/1}$		137.00	2.10	6.77	Peso ammorsamenti 219/1
$FA_{318/1}$		167.60	2.76	10.52	Peso ammorsamenti 318/1
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
$FA_{142/1}$		26.63	1.08	2.78	Peso ammorsamenti 142/1
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^*=58947.70 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=660.15 <mm>
Domanda di spostamento [C8A.4.11]=191.32 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.4505

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 cinematismo 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. 15

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_{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		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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-222.80	2.33	---	---	---	---	---	-660.00	30.22
							2.04	-166.13	2.49	---	---	---	---	---	-660.00	26.31
3							0.00	-222.16	0.94	---	---	---	---	---	-660.00	30.19
							2.04	-165.37	1.56	---	---	---	---	---	-660.00	26.24
5							0.00	-167.07	3.38	---	---	---	---	---	-660.00	26.40
							2.04	-149.42	2.82	---	---	---	---	---	-660.00	24.66
7							0.00	-118.67	2.88	---	---	---	---	---	-660.00	21.05
							2.04	-134.34	2.18	---	---	---	---	---	-660.00	22.99
9	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-217.05	0.79	---	---	0.02	0.26	0.76	-334.56	20.49
							2.04	-208.25	1.12	-0.01	0.03	0.03	0.39	0.69	-304.29	20.77
10	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-207.85	0.79	---	---	0.02	0.26	0.76	-334.56	20.78
							2.04	-205.69	1.12	-0.01	0.03	0.03	0.39	0.69	-304.19	20.83
11	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-212.51	0.62	---	---	0.02	0.26	0.76	-334.56	20.65
							2.04	-206.94	1.09	-0.01	0.03	0.03	0.39	0.69	-304.74	20.80
12	0.00	0.00	11.53	18.41	0.03	0.05	0.00	-212.39	0.95	---	---	0.02	0.26	0.76	-334.56	20.65
							2.04	-207.00	1.16	-0.01	0.03	0.03	0.40	0.69	-303.73	20.80

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-222.80	0.00	73.87	41.13	46.59
1	2.04	-166.13	0.00	64.31	34.72	40.80
3	0.00	-222.16	0.00	73.80	37.71	46.53
3	2.04	-165.37	0.00	64.14	33.52	40.71
5	0.00	-167.07	0.00	64.52	17.53	40.90
5	2.04	-149.42	0.00	60.29	12.24	38.92
7	0.00	-118.67	-0.00	51.46	6.12	35.22
7	2.04	-134.34	-0.00	56.19	8.23	37.15
9	0.00	-217.05	-0.00	50.10	2.40	37.06
9	2.04	-208.25	-0.00	50.76	1.98	36.34
10	0.00	-207.85	0.00	50.79	2.40	36.31
10	2.04	-205.69	0.00	50.91	1.98	36.13
11	0.00	-212.51	-0.00	50.47	0.29	36.69
11	2.04	-206.94	0.00	50.84	0.13	36.23
12	0.00	-212.39	0.00	50.48	0.29	36.68
12	2.04	-207.00	-0.00	50.84	0.13	36.24

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.19
0.00	4.07	8	SLD	0.47	1.20	2.49

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.92	3.28

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.44

Maschio in muratura ordinaria n. 16

Xg=22.84 <m> Yg=7.95 <m> L=4.62 <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	0.40	3.87	-0.03			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	0.03			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 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-720.14	-2.49	---	---	---	---	---	-2464.00	94.51
							2.04	-671.54	-1.00	---	---	---	---	---	-2464.00	91.24
							4.07	-451.03	-1.35	---	---	---	---	---	-2464.00	70.78
3							0.00	-690.45	1.28	---	---	---	---	---	-2464.00	92.57
							2.04	-646.39	0.62	---	---	---	---	---	-2464.00	89.38
							4.07	-426.79	0.33	---	---	---	---	---	-2464.00	67.96
5							0.00	-706.68	-6.67	---	---	---	---	---	-2464.00	93.65
							2.04	-647.18	-2.77	---	---	---	---	---	-2464.00	89.44
							4.07	-448.25	-3.07	---	---	---	---	---	-2464.00	70.46
7							0.00	-665.46	-6.49	---	---	---	---	---	-2464.00	90.80
							2.04	-601.16	-2.66	---	---	---	---	---	-2464.00	85.72
							4.07	-421.62	-2.86	---	---	---	---	---	-2464.00	67.35
9	-468.70	-0.03	0.00	82.05	0.02	0.03	0.00	-924.41	0.47	-0.00	0.01	0.02	0.29	0.72	-1185.43	62.48
							2.04	-853.71	0.26	---	---	0.02	0.29	0.72	-1185.43	66.35
							4.07	-586.24	-0.44	---	---	0.03	0.42	0.66	-1076.19	68.02
10	-464.30	-0.03	0.00	82.05	0.02	0.03	0.00	-917.45	0.48	-0.00	0.01	0.02	0.29	0.72	-1185.43	62.92
							2.04	-845.38	0.27	---	---	0.02	0.29	0.72	-1185.43	66.71
							4.07	-580.96	-0.47	---	---	0.03	0.42	0.66	-1078.30	67.85
11	-468.14	-0.03	0.00	82.05	0.02	0.03	0.00	-923.52	0.93	-0.00	0.02	0.02	0.29	0.72	-1185.43	62.54
							2.04	-851.74	0.15	---	---	0.02	0.29	0.72	-1185.43	66.43
							4.07	-585.77	-0.24	---	---	0.03	0.42	0.66	-1076.45	68.00
12	-464.85	-0.03	0.00	82.05	0.02	0.03	0.00	-918.34	0.03	---	---	0.02	0.29	0.72	-1185.43	62.87
							2.04	-847.35	0.38	---	---	0.02	0.29	0.72	-1185.43	66.62
							4.07	-581.43	-0.67	0.00	0.02	0.02	0.29	0.72	-1185.43	67.86
1							4.07	-369.96	-1.20	---	---	---	---	---	-2464.00	60.92
							6.33	-295.70	1.68	---	---	---	---	---	-2464.00	50.79
							8.58	-261.77	-2.41	---	---	---	---	---	-2464.00	45.81
3							4.07	-351.64	0.21	---	---	---	---	---	-2464.00	58.52
							6.33	-275.23	0.07	---	---	---	---	---	-2464.00	47.81
							8.58	-243.33	0.74	---	---	---	---	---	-2464.00	43.01
5							4.07	-367.17	-2.62	---	---	---	---	---	-2464.00	60.56
							6.33	-270.31	3.22	---	---	---	---	---	-2464.00	47.08
							8.58	-223.93	-5.78	---	---	---	---	---	-2464.00	40.00

7							4.07	-346.47	-2.43	---	---	---	---	---	-2464.00	57.83
							6.33	-228.08	2.92	---	---	---	---	---	-2464.00	40.65
							8.58	-173.06	-5.52	---	---	---	---	---	-2464.00	31.75
9	-194.35	0.03	0.00	0.00	0.00	0.05	4.07	-468.70	-0.43	---	---	0.02	0.32	0.69	-1128.39	62.27
							6.33	-322.11	0.66	-0.00	0.03	0.03	0.41	0.64	-1049.40	49.56
							8.58	-262.80	-0.65	---	---	0.05	0.77	0.51	-839.91	42.67
10	-185.40	0.03	0.00	0.00	0.00	0.05	4.07	-464.30	-0.45	---	---	0.02	0.32	0.69	-1128.39	61.98
							6.33	-314.56	0.66	-0.00	0.03	0.03	0.41	0.64	-1048.69	48.74
							8.58	-254.29	-0.64	---	---	0.05	0.77	0.51	-839.91	41.60
11	-191.12	0.03	0.00	0.00	0.00	0.05	4.07	-468.14	-0.25	---	---	0.02	0.32	0.69	-1128.39	62.24
							6.33	-320.12	0.46	-0.00	0.03	0.03	0.40	0.64	-1056.70	49.34
							8.58	-260.10	-0.42	---	---	0.05	0.77	0.51	-839.91	42.33
12	-188.62	0.03	0.00	0.00	0.00	0.05	4.07	-464.85	-0.63	---	---	0.02	0.32	0.69	-1128.39	62.02
							6.33	-316.55	0.86	---	---	0.03	0.38	0.65	-1074.19	48.96
							8.58	-257.00	-0.88	0.00	0.03	0.03	0.43	0.63	-1032.83	41.94
1							8.58	-220.16	-1.85	---	---	---	---	---	-2464.00	39.40
							10.46	-204.13	-2.41	---	---	---	---	---	-2464.00	36.85
3							8.58	-205.35	0.28	---	---	---	---	---	-2464.00	37.04
							10.46	-183.06	0.75	---	---	---	---	---	-2464.00	33.41
5							8.58	-173.11	-4.13	---	---	---	---	---	-2464.00	31.76
							10.46	-156.02	-5.57	---	---	---	---	---	-2464.00	28.88
7							8.58	-117.98	-3.95	---	---	---	---	---	-2464.00	22.27
							10.46	-93.71	-5.12	---	---	---	---	---	-2464.00	17.90
9	0.00	0.00	0.00	5.71	0.11	0.13	8.58	-194.35	-0.95	---	---	0.02	0.28	0.74	-1214.94	33.46
							10.46	-157.05	-0.33	---	---	0.07	0.98	0.47	-778.07	27.88
10	0.00	0.00	0.00	5.71	0.11	0.13	8.58	-185.40	-0.93	---	---	0.02	0.28	0.74	-1214.94	32.16
							10.46	-147.25	-0.30	---	---	0.07	0.98	0.47	-778.07	26.34
11	0.00	0.00	0.00	5.71	0.11	0.13	8.58	-191.12	-0.76	---	---	0.02	0.28	0.74	-1214.94	32.99
							10.46	-153.82	-0.51	---	---	0.07	0.98	0.47	-778.07	27.38
12	0.00	0.00	0.00	5.71	0.11	0.13	8.58	-188.62	-1.12	---	---	0.02	0.28	0.74	-1214.94	32.63
							10.46	-150.48	-0.12	---	---	0.07	0.98	0.47	-778.07	26.85

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-720.14	86.78	1091.54	114.84	244.34
1	2.04	-671.54	33.05	1053.87	123.59	236.75
1	4.07	-451.03	15.73	817.51	55.04	198.74
3	0.00	-690.45	68.81	1069.15	98.70	239.73
3	2.04	-646.39	18.64	1032.33	106.05	232.73
3	4.07	-426.79	12.65	784.98	42.04	194.11
5	0.00	-706.68	53.28	1081.63	58.94	242.26
5	2.04	-647.18	31.76	1033.03	63.68	232.86
5	4.07	-448.25	9.40	813.85	36.23	198.21
7	0.00	-665.46	6.60	1048.79	5.12	235.79
7	2.04	-601.16	16.26	990.08	5.21	225.32
7	4.07	-421.62	0.89	777.88	7.11	193.10
9	0.00	-924.41	4.45	721.64	7.29	220.84
9	2.04	-853.71	1.11	766.30	7.39	212.68
9	4.07	-586.24	0.05	785.63	2.61	178.46
10	0.00	-917.45	-4.45	726.77	7.29	220.05
10	2.04	-845.38	-1.11	770.48	7.39	211.70
10	4.07	-580.96	-0.05	783.63	2.61	177.71
11	0.00	-923.52	-1.62	722.30	1.43	220.74
11	2.04	-851.74	-1.30	767.31	1.56	212.45
11	4.07	-585.77	0.31	785.46	1.18	178.39
12	0.00	-918.34	1.62	726.12	1.43	220.16
12	2.04	-847.35	1.30	769.51	1.56	211.93
12	4.07	-581.43	-0.31	783.81	1.18	177.78
1	4.07	-369.96	40.34	703.65	89.66	182.79
1	6.33	-295.70	31.10	586.62	65.16	166.84
1	8.58	-261.77	54.42	529.10	51.79	159.02
3	4.07	-351.64	20.16	675.90	80.48	178.98
3	6.33	-275.23	29.49	552.24	57.61	162.17
3	8.58	-243.33	52.78	496.78	44.07	154.61
5	4.07	-367.17	42.70	699.48	40.82	182.21
5	6.33	-270.31	11.78	543.82	31.00	161.03
5	8.58	-223.93	18.81	461.97	27.24	149.83
7	4.07	-346.47	24.55	667.94	10.22	177.90
7	6.33	-228.08	-6.40	469.49	5.83	150.86
7	8.58	-173.06	-13.35	366.74	1.52	136.49
9	4.07	-468.70	0.77	719.26	4.06	161.13
9	6.33	-322.11	-1.88	572.42	2.40	136.48
9	8.58	-262.80	-2.84	492.81	1.65	125.13
10	4.07	-464.30	-0.77	715.88	4.06	160.45
10	6.33	-314.56	1.88	562.93	2.40	135.09
10	8.58	-254.29	2.84	480.43	1.65	123.42
11	4.07	-468.14	-1.72	718.83	0.82	161.04

11	6.33	-320.12	-0.13	569.93	0.69	136.11
11	8.58	-260.10	0.08	488.90	0.70	124.59
12	4.07	-464.85	1.72	716.31	0.82	160.53
12	6.33	-316.55	0.13	565.45	0.69	135.46
12	8.58	-257.00	-0.08	484.39	0.70	123.97
1	8.58	-220.16	68.74	455.11	46.46	148.88
1	10.46	-204.13	74.75	425.58	34.13	144.78
3	8.58	-205.35	62.77	427.86	42.25	145.10
3	10.46	-183.06	71.42	385.91	29.50	139.21
5	8.58	-173.11	29.68	366.83	20.33	136.50
5	10.46	-156.02	27.47	333.55	17.27	131.72
7	8.58	-117.98	-9.77	257.18	6.28	120.39
7	10.46	-93.71	-16.38	206.78	1.82	112.57
9	8.58	-194.35	-3.31	386.45	1.46	110.60
9	10.46	-157.05	-3.46	321.98	0.95	101.81
10	8.58	-185.40	3.31	371.41	1.46	108.56
10	10.46	-147.25	3.46	304.27	0.95	99.37
11	8.58	-191.12	-0.47	381.06	0.23	109.87
11	10.46	-153.82	0.20	316.19	0.27	101.01
12	8.58	-188.62	0.47	376.86	0.23	109.30
12	10.46	-150.48	-0.20	310.14	0.27	100.18

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.17
0.00	4.07	8	SLD	0.46	1.19	2.52
4.07	8.58	6	SLD	0.55	1.31	2.29
8.58	12.35	4	SLD	0.21	0.57	5.28

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.29
4.07	8.58	2	SLD	0.38	0.90	3.33
4.07	8.58	8	SLD	0.55	1.30	2.31
8.58	12.35	6	SLD	0.38	1.04	2.88

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.22	2.45
4.07	8.58	4	SLD	0.37	0.87	3.44
8.58	12.35	2	SLD	0.21	0.58	5.18
8.58	12.35	8	SLD	0.38	1.04	2.90

Maschio in muratura ordinaria n. 17

Xg=1.59 <m> Yg=12.54 <m> L=3.18 <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	0.65	3.87	0.03	101	-0.18			0.02	0.00	1.00	5.95	4800.00	1333.33	2000.00	97.50	40.63	60.94
					113	-0.18												
4.07	8.58	0.60	4.21	0.03	202	-0.17			0.02	0.00	1.00	7.02	4800.00	1333.33	2000.00	97.50	40.63	60.94
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 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-617.73	-21.69	---	---	---	---	---	-4134.00	165.47
							2.04	-679.45	-9.99	---	---	---	---	---	-4134.00	178.12
							4.07	-493.46	11.94	---	---	---	---	---	-4134.00	137.85
3							0.00	-477.18	-17.82	---	---	---	---	---	-4134.00	134.02
							2.04	-548.78	-9.64	---	---	---	---	---	-4134.00	150.50
							4.07	-413.17	6.39	---	---	---	---	---	-4134.00	118.49
5							0.00	-753.41	-20.73	---	---	---	---	---	-4134.00	192.36
							2.04	-774.78	-8.78	---	---	---	---	---	-4134.00	196.28
							4.07	-543.25	15.79	---	---	---	---	---	-4134.00	149.26
7							0.00	-729.17	-16.05	---	---	---	---	---	-4134.00	187.81
							2.04	-725.81	-7.39	---	---	---	---	---	-4134.00	187.16
							4.07	-505.64	13.54	---	---	---	---	---	-4134.00	140.69
9	-523.94	0.02	51.79	0.00	-0.02	0.03	0.00	-756.47	-15.00	0.02	0.03	0.03	0.30	0.79	-2186.21	166.46
							2.04	-793.70	-10.45	---	---	0.02	0.18	0.86	-2361.39	170.56
							4.07	-579.75	7.42	---	---	0.03	0.24	0.83	-2277.64	141.79
10	-525.51	0.02	51.79	0.00	-0.02	0.03	0.00	-759.76	-15.84	0.02	0.03	0.03	0.31	0.79	-2172.41	166.84
							2.04	-801.54	-10.65	---	---	0.02	0.18	0.86	-2361.39	171.37
							4.07	-585.90	7.67	---	---	0.03	0.24	0.83	-2276.98	142.79
11	-529.08	0.02	51.79	0.00	-0.02	0.03	0.00	-769.85	-14.96	0.02	0.03	0.03	0.30	0.79	-2190.32	167.98
							2.04	-807.84	-10.72	---	---	0.02	0.18	0.86	-2361.39	172.01
							4.07	-588.23	7.77	---	---	0.03	0.24	0.83	-2275.48	143.17
12	-520.37	0.02	51.79	0.00	-0.02	0.03	0.00	-746.38	-15.88	0.02	0.03	0.03	0.31	0.79	-2167.92	165.29
							2.04	-787.40	-10.38	---	---	0.02	0.18	0.86	-2361.39	169.89
							4.07	-577.42	7.32	---	---	0.03	0.24	0.83	-2279.17	141.41
1							4.07	-406.51	11.15	---	---	---	---	---	-3816.00	106.67
							6.33	-386.57	-14.00	---	---	---	---	---	-3816.00	102.15
							8.58	-254.22	2.28	---	---	---	---	---	-3816.00	70.29
3							4.07	-337.94	5.81	---	---	---	---	---	-3816.00	90.82
							6.33	-359.63	-3.37	---	---	---	---	---	-3816.00	95.93
							8.58	-239.46	0.07	---	---	---	---	---	-3816.00	66.54

5							4.07	-474.78	15.13	---	---	---	---	---	-3816.00	121.58
							6.33	-354.19	-22.00	---	---	---	---	---	-3816.00	94.65
							8.58	-222.33	4.26	---	---	---	---	---	-3816.00	62.13
7							4.07	-464.71	13.20	---	---	---	---	---	-3816.00	119.44
							6.33	-299.49	-18.22	---	---	---	---	---	-3816.00	81.55
							8.58	-180.25	3.73	---	---	---	---	---	-3816.00	51.07
9	-213.85	0.03	0.00	0.00	0.00	0.05	4.07	-523.94	7.21	-0.01	0.04	0.04	0.37	0.74	-1875.61	119.10
							6.33	-414.44	-3.68	---	---	0.02	0.23	0.81	-2054.95	100.50
							8.58	-254.40	0.06	---	---	0.05	0.46	0.69	-1755.08	67.34
10	-215.90	0.03	0.00	0.00	0.00	0.05	4.07	-525.51	7.44	-0.01	0.04	0.04	0.37	0.74	-1870.52	119.34
							6.33	-422.60	-3.69	---	---	0.02	0.23	0.81	-2054.95	102.00
							8.58	-260.46	0.07	---	---	0.05	0.46	0.69	-1755.08	68.73
11	-212.73	0.03	0.00	0.00	0.00	0.05	4.07	-529.08	7.57	-0.01	0.04	0.04	0.37	0.73	-1868.67	119.89
							6.33	-419.47	-4.02	---	---	0.02	0.23	0.81	-2054.95	101.43
							8.58	-255.89	0.17	---	---	0.05	0.46	0.69	-1755.08	67.68
12	-217.02	0.03	0.00	0.00	0.00	0.05	4.07	-520.37	7.09	-0.01	0.04	0.04	0.37	0.74	-1877.52	118.54
							6.33	-417.57	-3.34	---	---	0.02	0.23	0.81	-2054.95	101.08
							8.58	-258.97	-0.04	---	---	0.05	0.46	0.69	-1755.08	68.39
1							8.58	-182.22	3.94	---	---	---	---	---	-2332.00	45.50
							10.46	-179.22	-3.64	---	---	---	---	---	-2332.00	44.83
3							8.58	-160.59	1.06	---	---	---	---	---	-2332.00	40.58
							10.46	-144.10	-0.53	---	---	---	---	---	-2332.00	36.75
5							8.58	-189.86	6.26	---	---	---	---	---	-2332.00	47.21
							10.46	-198.12	-6.08	---	---	---	---	---	-2332.00	49.04
7							8.58	-174.77	5.37	---	---	---	---	---	-2332.00	43.83
							10.46	-179.21	-5.07	---	---	---	---	---	-2332.00	44.83
9	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-213.85	1.25	-0.01	0.09	0.09	1.00	0.52	-811.65	49.29
							10.46	-194.95	-0.72	---	---	0.09	0.94	0.54	-843.38	45.70
10	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-215.90	1.28	-0.01	0.09	0.09	1.00	0.52	-811.13	49.67
							10.46	-197.56	-0.70	---	---	0.09	0.94	0.54	-843.38	46.21
11	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-212.73	1.40	-0.01	0.09	0.09	1.01	0.52	-807.64	49.08
							10.46	-193.09	-0.85	---	---	0.09	0.94	0.54	-843.38	45.34
12	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-217.02	1.14	-0.01	0.09	0.09	0.99	0.52	-814.94	49.88
							10.46	-199.43	-0.58	---	---	0.09	0.94	0.54	-843.38	46.57

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-617.73	0.00	809.52	166.83	251.49
1	2.04	-679.45	0.00	871.43	245.21	261.72
1	4.07	-493.46	0.00	674.42	141.47	229.52
3	0.00	-477.18	-0.00	655.69	103.36	226.48
3	2.04	-548.78	-0.00	736.29	167.95	239.55
3	4.07	-413.17	0.00	579.70	68.44	214.13
5	0.00	-753.41	0.00	941.08	146.31	273.47
5	2.04	-774.78	0.00	960.27	190.75	276.77
5	4.07	-543.25	0.00	730.23	153.20	238.57
7	0.00	-729.17	0.00	918.80	65.25	269.68
7	2.04	-725.81	0.00	915.67	66.80	269.15
7	4.07	-505.64	0.00	688.28	90.23	231.77
9	0.00	-756.47	-0.00	814.38	8.59	218.29
9	2.04	-793.70	-0.00	834.41	12.15	223.07
9	4.07	-579.75	-0.00	693.67	6.19	193.99
10	0.00	-759.76	0.00	816.23	8.59	218.72
10	2.04	-801.54	0.00	838.38	12.15	224.07
10	4.07	-585.90	0.00	698.59	6.19	194.88
11	0.00	-769.85	0.00	821.80	5.80	220.02
11	2.04	-807.84	0.00	841.52	6.92	224.86
11	4.07	-588.23	0.00	700.43	6.47	195.22
12	0.00	-746.38	-0.00	808.64	5.80	216.98
12	2.04	-787.40	-0.00	831.15	6.92	222.27
12	4.07	-577.42	-0.00	691.80	6.47	193.65
1	4.07	-406.51	0.00	565.35	142.80	186.22
1	6.33	-386.57	0.00	541.39	164.84	182.64
1	8.58	-254.22	0.00	372.52	82.34	156.77
3	4.07	-337.94	-0.00	481.34	113.63	173.58
3	6.33	-359.63	0.00	508.41	136.66	177.68
3	8.58	-239.46	0.00	352.64	53.44	153.62
5	4.07	-474.78	0.00	644.40	87.08	198.01
5	6.33	-354.19	0.00	501.66	92.19	176.66
5	8.58	-222.33	0.00	329.28	68.53	149.87
7	4.07	-464.71	0.00	633.03	10.15	196.32
7	6.33	-299.49	-0.00	432.22	1.74	166.07
7	8.58	-180.25	0.00	270.68	27.80	140.25
9	4.07	-523.94	-0.00	631.22	5.66	163.09
9	6.33	-414.44	-0.00	532.66	6.42	147.50
9	8.58	-254.40	-0.00	356.91	2.90	121.16
10	4.07	-525.51	0.00	632.50	5.66	163.30

10	6.33	-422.60	0.00	540.62	6.42	148.72
10	8.58	-260.46	0.00	364.25	2.90	122.26
11	4.07	-529.08	0.00	635.41	2.40	163.79
11	6.33	-419.47	0.00	537.58	2.28	148.25
11	8.58	-255.89	-0.00	358.72	2.20	121.43
12	4.07	-520.37	-0.00	628.28	2.40	162.61
12	6.33	-417.57	-0.00	535.73	2.28	147.97
12	8.58	-258.97	0.00	362.45	2.20	121.99
1	8.58	-182.22	0.00	263.10	45.83	121.19
1	10.46	-179.22	0.00	259.19	70.67	120.47
3	8.58	-160.59	0.00	234.65	14.67	115.90
3	10.46	-144.10	0.00	212.46	34.81	111.70
5	8.58	-189.86	0.00	272.96	60.99	123.00
5	10.46	-198.12	0.00	283.53	75.58	124.94
7	8.58	-174.77	0.00	253.39	42.84	119.40
7	10.46	-179.21	0.00	259.18	43.94	120.47
9	8.58	-213.85	-0.00	285.00	0.99	100.49
9	10.46	-194.95	-0.00	264.24	1.96	96.79
10	8.58	-215.90	0.00	287.19	0.99	100.89
10	10.46	-197.56	0.00	267.16	1.96	97.31
11	8.58	-212.73	-0.00	283.80	2.34	100.28
11	10.46	-193.09	-0.00	262.15	2.74	96.42
12	8.58	-217.02	0.00	288.39	2.34	101.10
12	10.46	-199.43	0.00	269.24	2.74	97.68

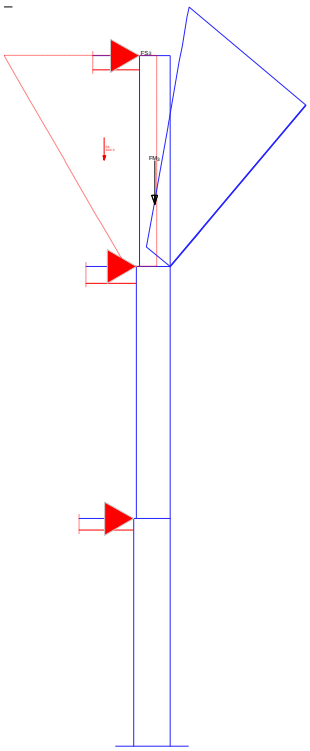
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.38	0.97	3.08
0.00	4.07	8	SLD	0.47	1.22	2.46
4.07	8.58	6	SLD	0.56	1.34	2.24
8.58	12.35	4	SLD	0.21	0.61	4.91

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.92	3.26
4.07	8.58	2	SLD	0.39	0.92	3.25
4.07	8.58	8	SLD	0.55	1.31	2.29
8.58	12.35	6	SLD	0.41	1.16	2.59

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.49	1.26	2.38
4.07	8.58	4	SLD	0.37	0.87	3.44
8.58	12.35	2	SLD	0.21	0.61	4.94
8.58	12.35	8	SLD	0.41	1.16	2.59

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

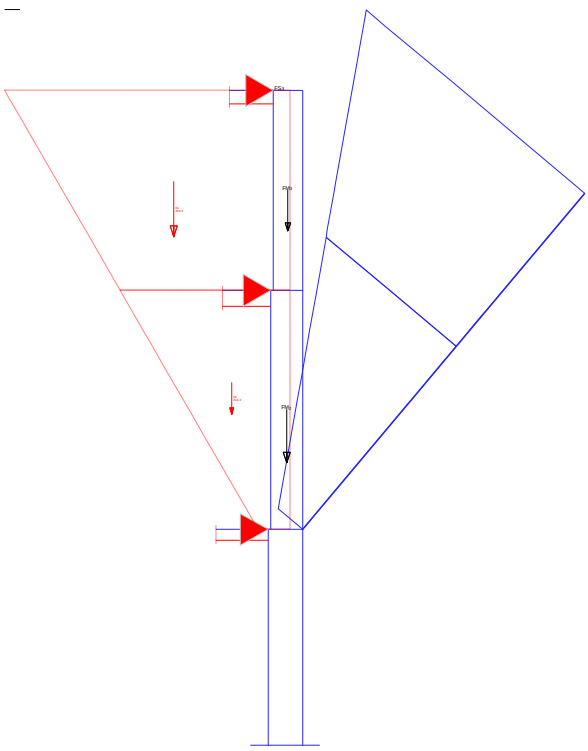


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{313/3}$		71.34	0.61	10.88	Peso ammorsamenti 313/3
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^*=21185.40 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=202.30 <mm>
Domanda di spostamento [C8A.4.11]=121.80 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6609
Domanda di spostamento amplificata [C8A.4.12]=93.04 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.1744

Ribalt. a z=4.07 ammors. a z=4.07

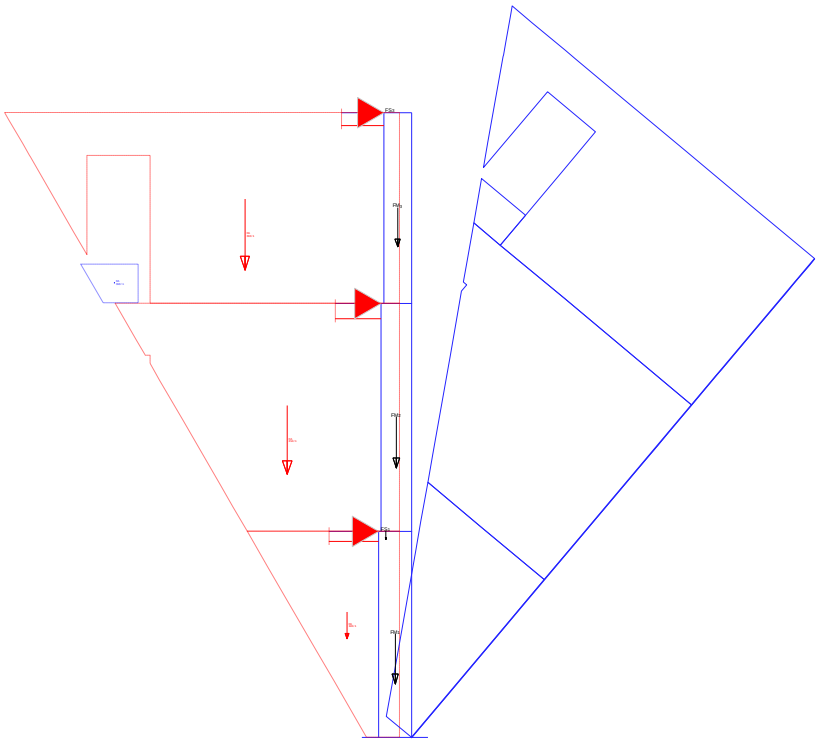


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{214/2}$		108.08	0.77	6.84	Peso ammorsamenti 214/2
$FA_{313/2}$		186.90	1.87	10.62	Peso ammorsamenti 313/2
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^*=52403.80 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=483.05 <mm>
Domanda di spostamento [C8A.4.11]=183.29 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.6354
Domanda di spostamento amplificata [C8A.4.12]=59.17 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=8.1641

Ribalt. a z=0.00 ammors. a z=0.00

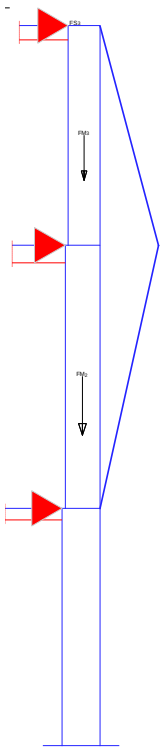


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{124/1}$		93.58	0.71	2.47	Peso ammorsamenti 124/1
$FA_{214/1}$		244.36	1.89	6.55	Peso ammorsamenti 214/1
$FA_{313/1}$		252.67	2.72	10.63	Peso ammorsamenti 313/1
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
$FA_{313/1}$		4.41	5.06	9.00	Peso ammorsamenti 313/1
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^*=93211.80 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=698.49 <mm>
Domanda di spostamento [C8A.4.11]=191.28 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.6517

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

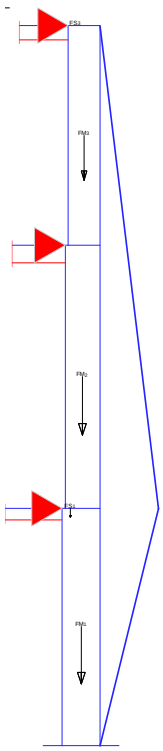


Elenco forze agenti

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]=69.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0470

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

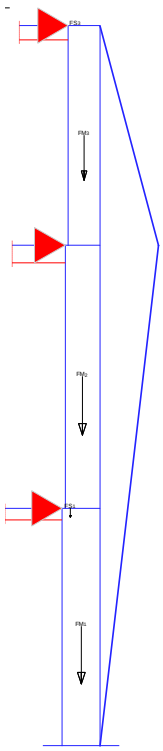


Elenco forze agenti

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

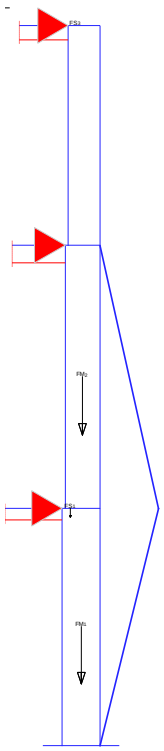


Elenco forze agenti

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^*=37115.60 <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. 18

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_{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	0.65	3.87	0.03	101	-0.18			0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
					113	-0.18												
4.07	8.58	0.60	4.21	0.03	202	-0.17			0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.55	3.52		402	-0.15			0.02	0.00	1.00	6.40	9360.00	2600.00	3900.00	190.13	79.22	118.83
					302	-0.15												
					403	-0.15												
					303	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-275.54	-2.94	---	---	---	---	---	-3472.94	81.19
							2.04	-395.64	-4.08	---	---	---	---	---	-3472.94	111.35
							4.07	-253.57	5.92	---	---	---	---	---	-3472.94	75.33
3							0.00	-217.97	-0.23	---	---	---	---	---	-3472.94	65.61
							2.04	-319.93	-3.76	---	---	---	---	---	-3472.94	92.71
							4.07	-215.08	4.06	---	---	---	---	---	-3472.94	64.81
5							0.00	-307.97	-6.03	---	---	---	---	---	-3472.94	89.65
							2.04	-437.14	-4.24	---	---	---	---	---	-3472.94	121.03
							4.07	-260.13	7.52	---	---	---	---	---	-3472.94	77.09
7							0.00	-278.19	-5.97	---	---	---	---	---	-3472.94	81.89
							2.04	-397.00	-4.05	---	---	---	---	---	-3472.94	111.67
							4.07	-227.24	7.03	---	---	---	---	---	-3472.94	68.17
9	-262.08	0.02	11.56	0.00	-0.01	0.04	0.00	-290.85	-1.14	---	---	0.02	0.18	0.86	-1983.78	80.56

							2.04	-429.39	-5.26	---	---	0.02	0.18	0.86	-1983.78	109.10
							4.07	-263.91	6.14	-0.02	0.04	0.04	0.38	0.75	-1744.40	74.27
10	-269.48	0.02	11.56	0.00	-0.01	0.04	0.00	-296.00	-1.11	---	---	0.02	0.18	0.86	-1983.78	81.73
							2.04	-436.10	-5.29	---	---	0.02	0.18	0.86	-1983.78	110.33
							4.07	-269.24	6.23	-0.02	0.04	0.04	0.38	0.75	-1744.51	75.53
11	-268.41	0.02	11.56	0.00	-0.01	0.04	0.00	-298.36	-0.81	---	---	0.02	0.18	0.86	-1983.78	82.27
							2.04	-438.78	-5.35	---	---	0.02	0.18	0.86	-1983.78	110.81
							4.07	-269.29	6.30	-0.02	0.04	0.04	0.38	0.75	-1741.58	75.54
12	-263.15	0.02	11.56	0.00	-0.01	0.04	0.00	-288.49	-1.44	---	---	0.02	0.18	0.86	-1983.78	80.02
							2.04	-426.71	-5.21	---	---	0.02	0.18	0.86	-1983.78	108.61
							4.07	-263.86	6.06	-0.02	0.04	0.04	0.38	0.75	-1747.39	74.26
1							4.07	-278.58	5.33	---	---	---	---	---	-3205.79	75.03
							6.33	-164.63	-2.64	---	---	---	---	---	-3205.79	46.40
							8.58	-111.16	2.17	---	---	---	---	---	-3205.79	31.99
3							4.07	-239.83	3.93	---	---	---	---	---	-3205.79	65.62
							6.33	-147.20	-1.48	---	---	---	---	---	-3205.79	41.77
							8.58	-105.36	1.82	---	---	---	---	---	-3205.79	30.39
5							4.07	-269.33	6.40	---	---	---	---	---	-3205.79	72.81
							6.33	-184.41	-3.86	---	---	---	---	---	-3205.79	51.58
							8.58	-116.36	2.25	---	---	---	---	---	-3205.79	33.42
7							4.07	-222.64	5.93	---	---	---	---	---	-3205.79	61.33
							6.33	-183.93	-3.74	---	---	---	---	---	-3205.79	51.45
							8.58	-115.02	1.97	---	---	---	---	---	-3205.79	33.05
9	-139.04	0.03	0.00	0.00	0.00	0.05	4.07	-262.08	5.53	-0.02	0.04	0.04	0.44	0.70	-1495.49	67.28
							6.33	-230.70	-2.89	---	---	0.02	0.23	0.81	-1726.34	60.42
							8.58	-159.61	1.94	---	---	0.05	0.46	0.69	-1474.43	43.68
10	-140.92	0.03	0.00	0.00	0.00	0.05	4.07	-269.48	5.62	-0.02	0.04	0.04	0.44	0.70	-1498.11	68.85
							6.33	-230.80	-2.90	---	---	0.02	0.23	0.81	-1726.34	60.44
							8.58	-159.50	1.98	---	---	0.05	0.46	0.69	-1474.43	43.65
11	-139.83	0.03	0.00	0.00	0.00	0.05	4.07	-268.41	5.66	-0.02	0.04	0.04	0.44	0.70	-1495.46	68.63
							6.33	-231.76	-2.99	---	---	0.02	0.23	0.81	-1726.34	60.66
							8.58	-159.74	1.97	---	---	0.05	0.46	0.69	-1474.43	43.71
12	-140.13	0.03	0.00	0.00	0.00	0.05	4.07	-263.15	5.49	-0.02	0.04	0.04	0.44	0.70	-1498.20	67.51
							6.33	-229.74	-2.80	---	---	0.02	0.23	0.81	-1726.34	60.21
							8.58	-159.38	1.95	---	---	0.05	0.46	0.69	-1474.43	43.62
1							8.58	-115.74	2.45	---	---	---	---	---	-2938.64	30.35
							10.46	-110.30	-1.34	---	---	---	---	---	-2938.64	28.99
3							8.58	-112.67	2.12	---	---	---	---	---	-2938.64	29.59
							10.46	-106.95	-0.48	---	---	---	---	---	-2938.64	28.15
5							8.58	-105.31	2.51	---	---	---	---	---	-2938.64	27.74
							10.46	-98.54	-2.14	---	---	---	---	---	-2938.64	26.03
7							8.58	-93.30	2.24	---	---	---	---	---	-2938.64	24.70
							10.46	-85.11	-1.97	---	---	---	---	---	-2938.64	22.61
9	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-139.04	2.44	-0.02	0.10	0.10	1.13	0.48	-939.78	35.04
							10.46	-130.50	-0.79	---	---	0.09	0.94	0.54	-1062.77	33.08
10	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-140.92	2.48	-0.02	0.10	0.10	1.13	0.48	-939.64	35.47
							10.46	-132.78	-0.82	---	---	0.09	0.94	0.54	-1062.77	33.60
11	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-139.83	2.46	-0.02	0.10	0.10	1.13	0.48	-939.50	35.22
							10.46	-131.35	-0.87	---	---	0.09	0.94	0.54	-1062.77	33.27
12	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-140.13	2.46	-0.02	0.10	0.10	1.13	0.48	-939.91	35.29
							10.46	-131.93	-0.74	---	---	0.09	0.94	0.54	-1062.77	33.41

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-275.54	30.07	171.13	48.00	133.92
1	2.04	-395.64	12.97	234.69	118.06	153.57
1	4.07	-253.57	1.39	158.78	51.63	130.01
3	0.00	-217.97	27.79	138.28	47.25	123.40
3	2.04	-319.93	12.75	195.40	111.03	141.50
3	4.07	-215.08	0.49	136.59	45.48	122.85
5	0.00	-307.97	12.47	188.95	15.53	139.50
5	2.04	-437.14	4.22	255.10	46.08	159.80
5	4.07	-260.13	1.79	162.48	24.81	131.19
7	0.00	-278.19	-4.88	172.60	13.05	134.39
7	2.04	-397.00	-3.50	235.37	22.64	153.78
7	4.07	-227.24	1.22	143.68	4.32	125.15
9	0.00	-290.85	1.67	169.79	2.97	106.45
9	2.04	-429.39	0.70	229.96	6.53	125.20
9	4.07	-263.91	-0.13	156.53	2.76	102.40
10	0.00	-296.00	-1.67	172.26	2.97	107.20
10	2.04	-436.10	-0.70	232.53	6.53	126.03
10	4.07	-269.24	0.13	159.20	2.76	103.21
11	0.00	-298.36	0.18	173.39	0.02	107.55
11	2.04	-438.78	-0.01	233.55	0.55	126.37
11	4.07	-269.29	-0.06	159.22	0.52	103.22
12	0.00	-288.49	-0.18	168.65	0.02	106.10
12	2.04	-426.71	0.01	228.92	0.55	124.86

12	4.07	-263.86	0.06	156.51	0.52	102.39
1	4.07	-278.58	20.39	171.32	58.53	127.81
1	6.33	-164.63	20.70	105.96	55.04	106.71
1	8.58	-111.16	4.05	73.04	57.82	95.21
3	4.07	-239.83	19.87	149.82	57.48	121.04
3	6.33	-147.20	20.32	95.38	54.42	103.10
3	8.58	-105.36	2.40	69.38	51.76	93.88
5	4.07	-269.33	6.91	166.25	19.15	126.22
5	6.33	-184.41	6.78	117.77	17.45	110.66
5	8.58	-116.36	3.72	76.30	26.54	96.39
7	4.07	-222.64	-5.16	140.05	15.65	117.92
7	6.33	-183.93	-5.52	117.49	15.39	110.57
7	8.58	-115.02	1.78	75.46	6.34	96.09
9	4.07	-262.08	0.93	153.63	2.75	97.31
9	6.33	-230.70	-0.95	137.96	2.48	92.53
9	8.58	-159.61	-0.17	99.73	2.52	80.65
10	4.07	-269.48	-0.93	157.21	2.75	98.41
10	6.33	-230.80	0.95	138.01	2.48	92.54
10	8.58	-159.50	0.17	99.67	2.52	80.63
11	4.07	-268.41	0.05	156.70	0.04	98.25
11	6.33	-231.76	-0.04	138.50	0.05	92.69
11	8.58	-159.74	0.13	99.80	0.47	80.67
12	4.07	-263.15	-0.05	154.15	0.04	97.47
12	6.33	-229.74	0.04	137.47	0.05	92.38
12	8.58	-159.38	-0.13	99.59	0.47	80.60
1	8.58	-115.74	6.65	75.61	26.10	90.38
1	10.46	-110.30	0.48	72.22	33.51	89.18
3	8.58	-112.67	3.89	73.69	16.20	89.70
3	10.46	-106.95	0.38	70.13	24.30	88.43
5	8.58	-105.31	6.18	69.09	22.85	88.05
5	10.46	-98.54	0.29	64.83	24.02	86.51
7	8.58	-93.30	3.02	61.52	10.16	85.30
7	10.46	-85.11	0.03	56.31	6.68	83.37
9	8.58	-139.04	0.19	87.29	0.79	72.61
9	10.46	-130.50	0.02	82.39	1.17	71.03
10	8.58	-140.92	-0.19	88.36	0.79	72.95
10	10.46	-132.78	-0.02	83.70	1.17	71.46
11	8.58	-139.83	0.22	87.74	0.79	72.75
11	10.46	-131.35	0.01	82.88	0.74	71.19
12	8.58	-140.13	-0.22	87.91	0.79	72.81
12	10.46	-131.93	-0.01	83.21	0.74	71.30

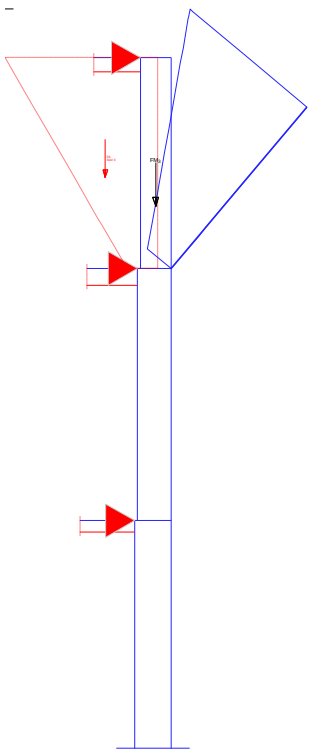
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.11
0.00	4.07	8	SLD	0.48	1.23	2.43
4.07	8.58	6	SLD	0.57	1.36	2.21
8.58	12.35	4	SLD	0.22	0.61	4.91

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.92	3.27
4.07	8.58	2	SLD	0.39	0.92	3.25
4.07	8.58	8	SLD	0.56	1.33	2.25
8.58	12.35	6	SLD	0.39	1.11	2.70

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.49	1.27	2.37
4.07	8.58	4	SLD	0.37	0.87	3.43
8.58	12.35	2	SLD	0.21	0.60	4.96
8.58	12.35	8	SLD	0.39	1.11	2.69

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

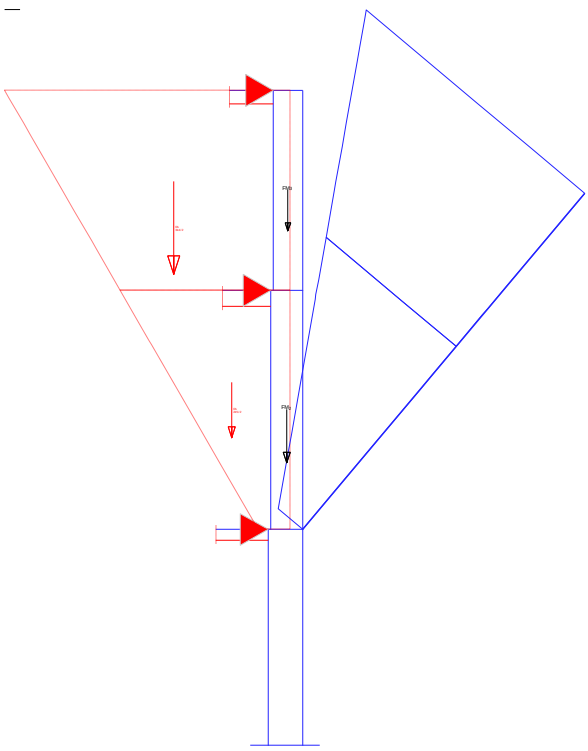


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{314/3}$		51.88	0.61	10.88	Peso ammorsamenti 314/3
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^*=11256.80 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=236.01 <mm>
Domanda di spostamento [C8A.4.11]=123.40 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.9125
Domanda di spostamento amplificata [C8A.4.12]=93.80 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.5161

Ribalt. a z=4.07 ammors. a z=4.07

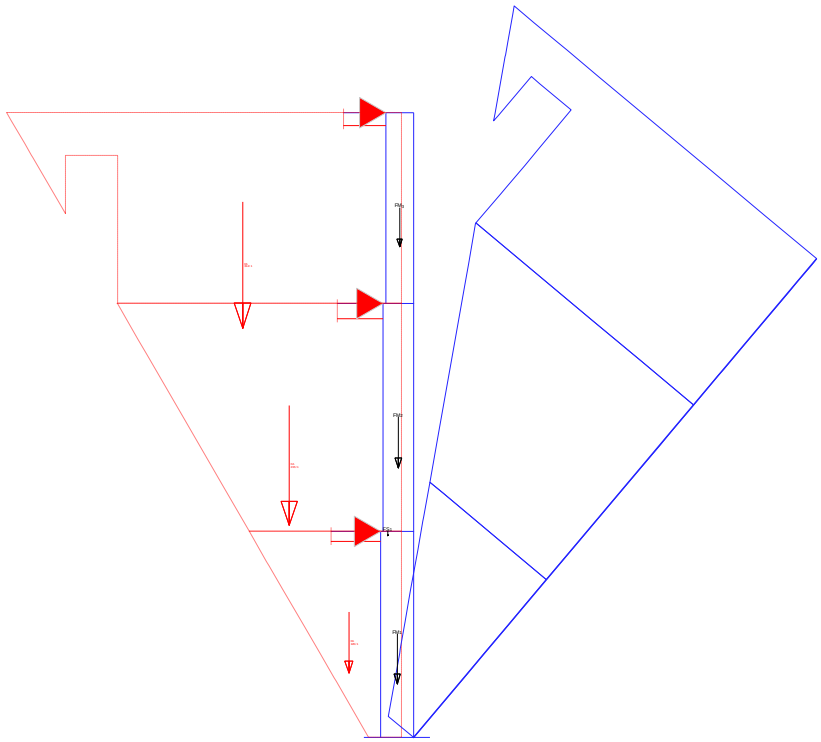


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{215/2}$		81.06	0.77	6.84	Peso ammorsamenti 215/2
$FA_{314/2}$		135.92	1.87	10.62	Peso ammorsamenti 314/2
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^*=30669.80 <kg>
Frazione di massa partecipante e^*=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=567.47 <mm>
Domanda di spostamento [C8A.4.11]=185.89 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.0527
Domanda di spostamento amplificata [C8A.4.12]=59.82 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=9.4859

Ribalt. a z=0.00 ammors. a z=0.00

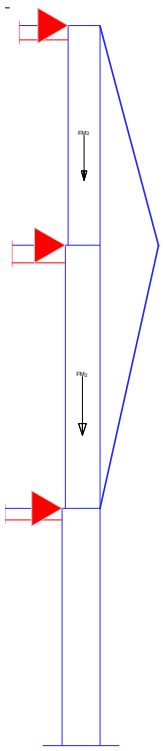


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{126/1}$		93.58	0.71	2.47	Peso ammorsamenti 126/1
$FA_{215/1}$		183.34	1.89	6.55	Peso ammorsamenti 215/1
$FA_{314/1}$		194.25	2.81	10.58	Peso ammorsamenti 314/1
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^*=57978.10 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=829.81 <mm>
Domanda di spostamento [C8A.4.11]=191.32 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=4.3372

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

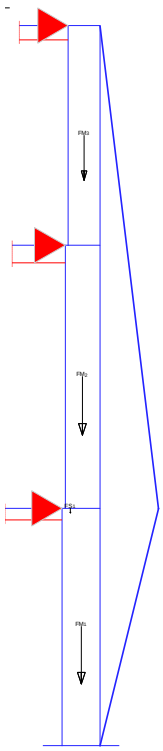


Elenco forze agenti

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]=69.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0470

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

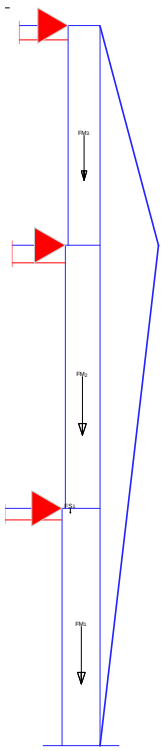


Elenco forze agenti

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

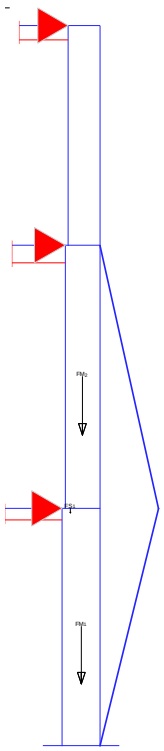


Elenco forze agenti

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. 19

Xg=7.50 <m> Yg=12.54 <m> L=1.23 <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	0.65	4.07	0.03					0.02	0.00	1.00	6.26	9360.00	2600.00	3900.00	190.13	79.22	118.83
4.07	8.58	0.60	4.51	0.05					0.02	0.00	1.00	7.52	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.50	3.52		403	-0.14			0.02	0.00	1.00	7.04	9360.00	2600.00	3900.00	190.13	79.22	118.83
					303	-0.14												
					405	-0.14												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-283.91	-9.79	---	---	---	---	---	-3115.52	82.38
							2.04	-295.34	-4.48	---	---	---	---	---	-3115.52	85.28
							4.07	-264.28	0.55	---	---	---	---	---	-3115.52	77.32
3							0.00	-230.42	-7.74	---	---	---	---	---	-3115.52	68.37
							2.04	-235.02	-4.13	---	---	---	---	---	-3115.52	69.60
							4.07	-214.75	0.27	---	---	---	---	---	-3115.52	64.13
5							0.00	-311.72	-10.87	---	---	---	---	---	-3115.52	89.38
							2.04	-361.03	-4.84	---	---	---	---	---	-3115.52	101.34
							4.07	-319.48	0.60	---	---	---	---	---	-3115.52	91.30
7							0.00	-282.06	-9.75	---	---	---	---	---	-3115.52	81.91
							2.04	-357.02	-4.79	---	---	---	---	---	-3115.52	100.39
							4.07	-317.25	0.36	---	---	---	---	---	-3115.52	90.76
9	-328.64	0.03	0.00	0.00	0.00	0.05	0.00	-304.06	-8.72	0.03	0.05	0.05	0.47	0.70	-1450.21	81.80
							2.04	-384.79	-6.06	---	---	0.02	0.21	0.83	-1733.19	97.80

							4.07	-350.39	-0.51	---	---	0.05	0.42	0.73	-1509.32	91.28
10	-336.82	0.03	0.00	0.00	0.00	0.05	0.00	-309.58	-8.91	0.03	0.05	0.05	0.47	0.70	-1449.08	82.97
							2.04	-385.15	-6.07	---	---	0.02	0.21	0.83	-1733.19	97.87
							4.07	-350.35	-0.47	---	---	0.05	0.42	0.73	-1509.32	91.27
11	-335.88	0.03	0.00	0.00	0.00	0.05	0.00	-311.36	-8.55	0.03	0.05	0.05	0.46	0.70	-1462.01	83.35
							2.04	-389.69	-6.16	---	---	0.02	0.21	0.83	-1733.19	98.69
							4.07	-354.03	-0.52	---	---	0.05	0.42	0.73	-1509.32	91.99
12	-329.58	0.03	0.00	0.00	0.00	0.05	0.00	-302.29	-9.07	0.03	0.05	0.05	0.49	0.69	-1436.90	81.42
							2.04	-380.25	-5.98	---	---	0.02	0.21	0.83	-1733.19	96.96
							4.07	-346.71	-0.47	---	---	0.05	0.42	0.73	-1509.32	90.55
1							4.07	-333.59	-0.41	---	---	---	---	---	-2875.86	86.42
							6.33	-148.57	-1.02	---	---	---	---	---	-2875.86	41.86
							8.58	-140.46	-0.77	---	---	---	---	---	-2875.86	39.72
3							4.07	-289.48	0.04	---	---	---	---	---	-2875.86	76.56
							6.33	-130.44	-0.63	---	---	---	---	---	-2875.86	37.04
							8.58	-124.28	-0.44	---	---	---	---	---	-2875.86	35.39
5							4.07	-325.95	-0.84	---	---	---	---	---	-2875.86	84.75
							6.33	-155.93	-1.38	---	---	---	---	---	-2875.86	43.80
							8.58	-151.47	-1.10	---	---	---	---	---	-2875.86	42.62
7							4.07	-275.30	-0.75	---	---	---	---	---	-2875.86	73.29
							6.33	-144.10	-1.30	---	---	---	---	---	-2875.86	40.68
							8.58	-144.73	-1.06	---	---	---	---	---	-2875.86	40.85
9	-155.02	0.05	0.00	0.00	0.00	0.07	4.07	-328.64	-0.56	---	---	0.02	0.23	0.80	-1533.11	78.71
							6.33	-180.84	-0.85	---	---	0.04	0.36	0.73	-1398.92	48.23
							8.58	-180.69	-1.15	0.01	0.04	0.04	0.43	0.70	-1336.52	48.20
10	-160.47	0.05	0.00	0.00	0.00	0.07	4.07	-336.82	-0.55	---	---	0.02	0.23	0.80	-1533.11	80.16
							6.33	-179.20	-0.86	---	---	0.04	0.36	0.73	-1398.92	47.85
							8.58	-181.96	-1.15	0.01	0.04	0.04	0.43	0.70	-1337.19	48.49
11	-158.45	0.05	0.00	0.00	0.00	0.07	4.07	-335.88	-0.56	---	---	0.02	0.23	0.80	-1533.11	80.00
							6.33	-181.23	-0.90	---	---	0.04	0.36	0.73	-1398.92	48.32
							8.58	-182.42	-1.18	0.01	0.04	0.04	0.43	0.70	-1335.54	48.60
12	-157.05	0.05	0.00	0.00	0.00	0.07	4.07	-329.58	-0.55	---	---	0.02	0.23	0.80	-1533.11	78.88
							6.33	-178.81	-0.82	---	---	0.04	0.36	0.73	-1398.92	47.76
							8.58	-180.23	-1.12	0.01	0.04	0.04	0.42	0.70	-1338.19	48.09
1							8.58	-170.31	-0.63	---	---	---	---	---	-2396.55	39.02
							10.46	-80.24	-0.49	---	---	---	---	---	-2396.55	19.27
3							8.58	-160.21	-0.28	---	---	---	---	---	-2396.55	36.90
							10.46	-73.93	-0.00	---	---	---	---	---	-2396.55	17.81
5							8.58	-141.31	-0.95	---	---	---	---	---	-2396.55	32.88
							10.46	-72.46	-0.91	---	---	---	---	---	-2396.55	17.47
7							8.58	-106.36	-0.87	---	---	---	---	---	-2396.55	25.20
							10.46	-59.48	-0.78	---	---	---	---	---	-2396.55	14.43
9	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-155.02	-0.96	0.01	0.09	0.09	1.02	0.50	-802.79	34.33
							10.46	-83.27	0.00	---	---	0.08	0.95	0.53	-841.36	19.54
10	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-160.47	-0.96	0.01	0.08	0.08	1.02	0.50	-804.29	35.38
							10.46	-85.51	0.01	---	---	0.08	0.95	0.53	-841.36	20.03
11	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-158.45	-0.99	0.01	0.09	0.09	1.02	0.50	-802.53	34.99
							10.46	-84.91	-0.03	---	---	0.08	0.95	0.53	-841.36	19.90
12	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-157.05	-0.93	0.01	0.08	0.08	1.02	0.50	-804.59	34.72
							10.46	-83.87	0.04	---	---	0.08	0.95	0.53	-841.36	19.67

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-283.91	10.77	155.76	68.50	126.42
1	2.04	-295.34	11.48	161.25	79.42	128.32
1	4.07	-264.28	2.93	146.19	57.58	123.11
3	0.00	-230.42	8.42	129.27	65.83	117.16
3	2.04	-235.02	10.70	131.60	67.92	117.98
3	4.07	-214.75	0.20	121.26	52.77	114.30
5	0.00	-311.72	6.80	169.00	24.59	130.98
5	2.04	-361.03	4.64	191.61	41.26	138.70
5	4.07	-319.48	5.01	172.63	24.57	132.22
7	0.00	-282.06	1.04	154.87	15.71	126.11
7	2.04	-357.02	-2.01	189.81	2.94	138.08
7	4.07	-317.25	4.07	171.60	8.53	131.87
9	0.00	-304.06	0.57	154.67	4.10	101.65
9	2.04	-384.79	0.56	184.92	4.36	112.26
9	4.07	-350.39	0.01	172.58	2.83	107.86
10	0.00	-309.58	-0.57	156.88	4.10	102.41
10	2.04	-385.15	-0.56	185.04	4.36	112.31
10	4.07	-350.35	-0.01	172.57	2.83	107.86
11	0.00	-311.36	0.20	157.59	0.27	102.65
11	2.04	-389.69	-0.05	186.61	0.97	112.87
11	4.07	-354.03	0.21	173.92	0.39	108.34
12	0.00	-302.29	-0.20	153.95	0.27	101.40
12	2.04	-380.25	0.05	183.34	0.97	111.69
12	4.07	-346.71	-0.21	171.21	0.39	107.39

1	4.07	-333.59	6.07	177.02	92.93	128.08
1	6.33	-148.57	0.72	85.75	54.58	95.91
1	8.58	-140.46	8.50	81.35	61.85	94.25
3	4.07	-289.48	4.24	156.82	92.02	121.19
3	6.33	-130.44	0.63	75.88	52.55	92.15
3	8.58	-124.28	6.08	72.49	59.82	90.84
5	4.07	-325.95	4.60	173.59	29.27	126.91
5	6.33	-155.93	0.34	89.71	19.45	97.39
5	8.58	-151.47	6.22	87.31	21.63	96.49
7	4.07	-275.30	1.51	150.12	26.22	118.89
7	6.33	-144.10	-0.07	83.33	12.69	95.00
7	8.58	-144.73	1.84	83.67	14.87	95.12
9	4.07	-328.64	-0.29	161.22	4.53	100.24
9	6.33	-180.84	-0.05	98.79	2.45	78.81
9	8.58	-180.69	0.31	98.72	2.72	78.79
10	4.07	-336.82	0.29	164.20	4.53	101.30
10	6.33	-179.20	0.05	98.01	2.45	78.54
10	8.58	-181.96	-0.31	99.33	2.72	79.00
11	4.07	-335.88	0.15	163.86	0.07	101.18
11	6.33	-181.23	-0.01	98.98	0.12	78.88
11	8.58	-182.42	0.19	99.55	0.12	79.07
12	4.07	-329.58	-0.15	161.57	0.07	100.37
12	6.33	-178.81	0.01	97.82	0.12	78.48
12	8.58	-180.23	-0.19	98.50	0.12	78.71
1	8.58	-170.31	4.90	95.91	61.29	88.86
1	10.46	-80.24	6.08	47.37	17.45	70.53
3	8.58	-160.21	3.31	90.71	53.57	87.00
3	10.46	-73.93	4.59	43.78	15.16	69.06
5	8.58	-141.31	3.88	80.81	30.09	83.40
5	10.46	-72.46	4.08	42.94	8.72	68.71
7	8.58	-106.36	1.42	61.94	4.37	76.30
7	10.46	-59.48	0.88	35.48	1.06	65.57
9	8.58	-155.02	-0.20	84.39	2.49	66.39
9	10.46	-83.27	-0.22	48.03	0.66	53.43
10	8.58	-160.47	0.20	86.96	2.49	67.27
10	10.46	-85.51	0.22	49.24	0.66	53.88
11	8.58	-158.45	0.13	86.01	0.59	66.94
11	10.46	-84.91	-0.12	48.92	0.16	53.76
12	8.58	-157.05	-0.13	85.35	0.59	66.72
12	10.46	-83.87	0.12	48.36	0.16	53.55

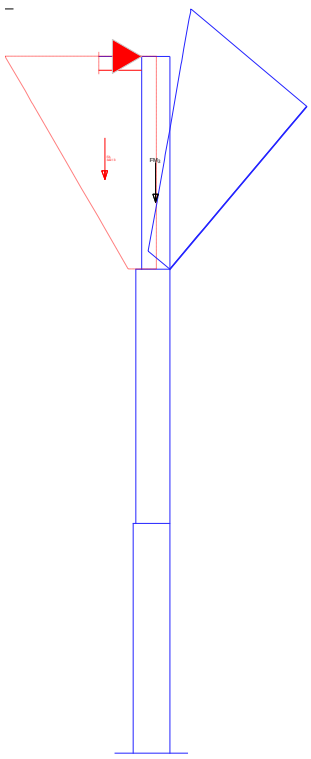
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.38	0.94	3.18
0.00	4.07	8	SLD	0.53	1.29	2.32
4.07	8.58	6	SLD	0.55	1.23	2.45
8.58	12.35	4	SLD	0.23	0.66	4.56

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.89	3.38
4.07	8.58	2	SLD	0.37	0.82	3.67
4.07	8.58	8	SLD	0.55	1.22	2.46
8.58	12.35	6	SLD	0.39	1.12	2.68

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.53	1.31	2.29
4.07	8.58	4	SLD	0.36	0.81	3.72
8.58	12.35	2	SLD	0.23	0.65	4.63
8.58	12.35	8	SLD	0.39	1.12	2.68

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

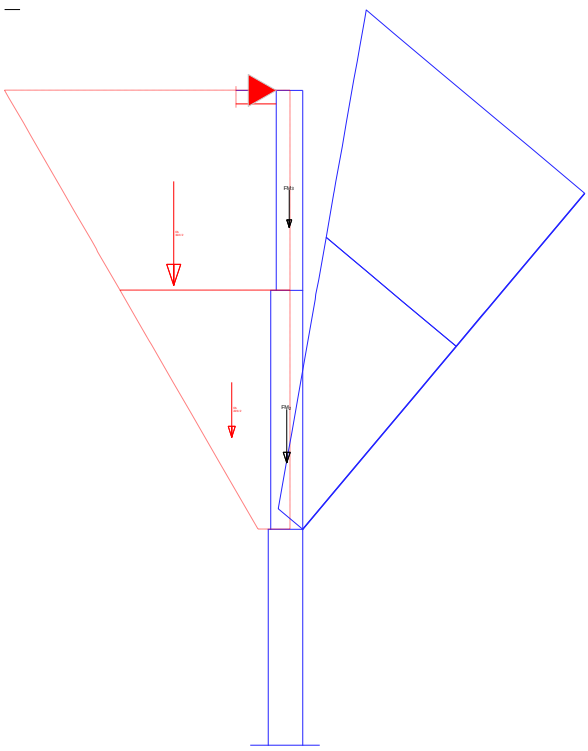


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{322/3}$		50.30	0.59	10.90	Peso ammorsamenti 322/3
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^*=9982.01 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=238.38 <mm>
Domanda di spostamento [C8A.4.11]=124.14 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.9202
Domanda di spostamento amplificata [C8A.4.12]=94.16 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.5318

Ribalt. a z=4.07 ammors. a z=4.07

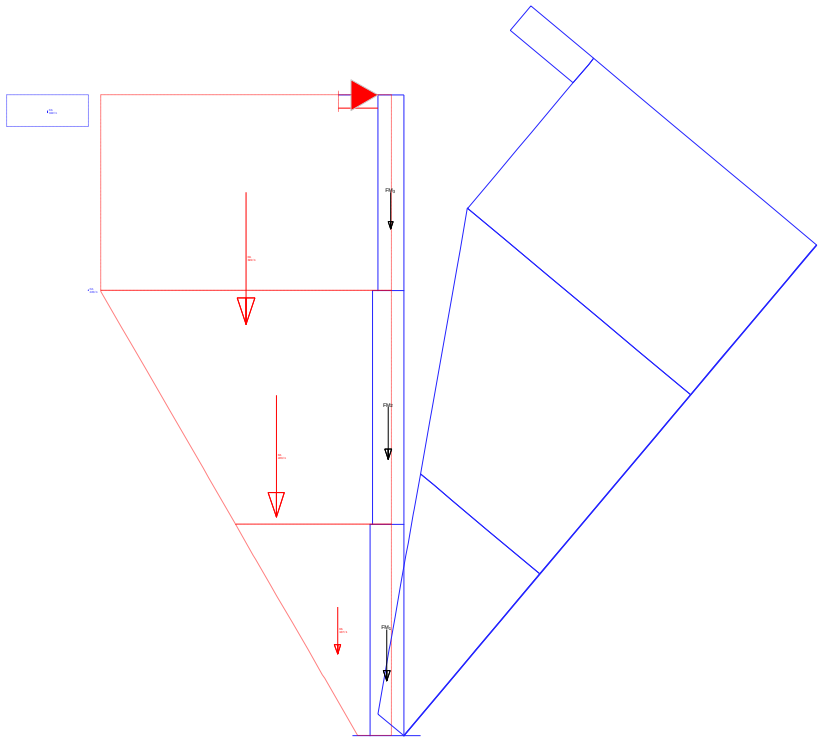


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{223/2}$		72.05	0.77	6.84	Peso ammorsamenti 223/2
$FA_{322/2}$		135.92	1.87	10.62	Peso ammorsamenti 322/2
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^*=28360.10 <kg>
Frazione di massa partecipante e^*=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=589.89 <mm>
Domanda di spostamento [C8A.4.11]=187.01 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.1544
Domanda di spostamento amplificata [C8A.4.12]=60.11 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=9.8136

Ribalt. a z=0.00 ammors. a z=0.00

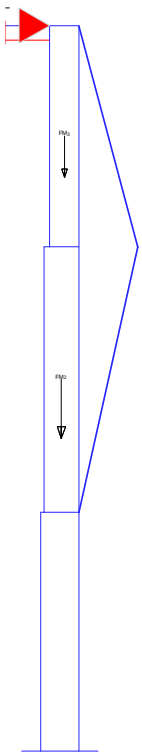


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{137/1}$		62.39	0.71	2.47	Peso ammorsamenti 137/1
$FA_{223/1}$		162.97	1.89	6.55	Peso ammorsamenti 223/1
$FA_{322/1}$		177.18	2.47	10.46	Peso ammorsamenti 322/1
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
$FA_{223/1}$		0.00	5.27	8.57	Peso ammorsamenti 223/1
$FA_{322/1}$		3.04	6.06	12.04	Peso ammorsamenti 322/1
FS_3		0.00	0.07	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=50534.60 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=803.95 <mm>
Domanda di spostamento [C8A.4.11]=191.32 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=4.2020

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

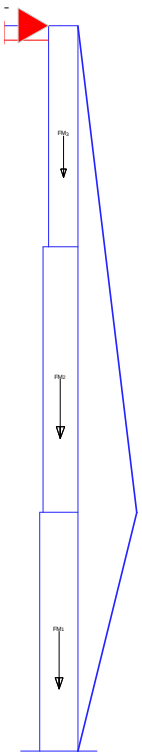


Elenco forze agenti

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]=69.81 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0869

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

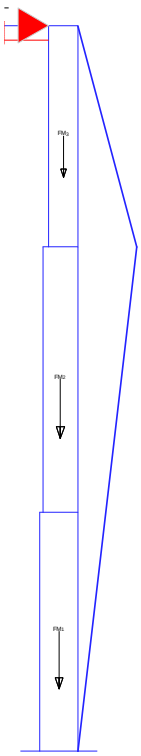


Elenco forze agenti

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

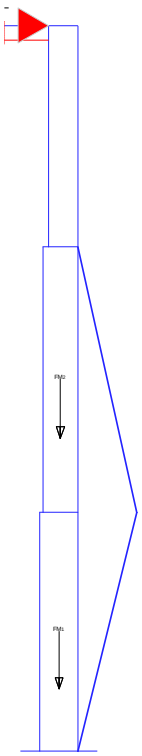


Elenco forze agenti

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 cinematismo M^*=14079.10 <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. 20

Xg=11.29 <m> Yg=12.54 <m> L=0.74 <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	0.65	3.87	0.03	108	-0.18			0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
4.07	8.58	0.60	4.21	0.03	206	-0.17			0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.55	3.52		409	-0.15			0.02	0.00	1.00	6.40	9360.00	2600.00	3900.00	190.13	79.22	118.83
					304	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-286.86	-2.08	---	---	---	---	---	-1883.53	76.52
							2.04	-174.88	-3.17	---	---	---	---	---	-1883.53	50.63
							4.07	-197.05	4.08	---	---	---	---	---	-1883.53	56.16
3							0.00	-237.81	-0.46	---	---	---	---	---	-1883.53	65.81
							2.04	-136.17	-3.03	---	---	---	---	---	-1883.53	40.49
							4.07	-169.17	2.83	---	---	---	---	---	-1883.53	49.17
5							0.00	-274.35	-3.79	---	---	---	---	---	-1883.53	73.88
							2.04	-209.43	-3.17	---	---	---	---	---	-1883.53	59.16
							4.07	-189.97	5.47	---	---	---	---	---	-1883.53	54.41
7							0.00	-214.58	-3.63	---	---	---	---	---	-1883.53	60.39
							2.04	-200.33	-3.03	---	---	---	---	---	-1883.53	56.96
							4.07	-156.02	5.40	---	---	---	---	---	-1883.53	45.77
9	-137.80	0.03	0.00	0.00	0.00	0.04	0.00	-255.79	-0.76	---	---	0.02	0.18	0.86	-1075.90	63.21
							2.04	-211.52	-4.18	---	---	0.02	0.20	0.84	-1058.99	55.12
							4.07	-180.53	4.97	-0.03	0.05	0.05	0.46	0.71	-894.32	48.75
10	-138.94	0.03	0.00	0.00	0.00	0.04	0.00	-244.43	-0.73	---	---	0.02	0.18	0.86	-1075.90	61.25

							2.04	-210.36	-4.17	---	---	0.02	0.20	0.84	-1058.99	54.89
							4.07	-187.26	4.95	-0.03	0.05	0.05	0.45	0.72	-900.82	50.18
11	-140.00	0.03	0.00	0.00	0.00	0.04	0.00	-254.26	-0.56	---	---	0.02	0.18	0.86	-1075.90	62.95
							2.04	-214.00	-4.21	---	---	0.02	0.20	0.84	-1058.99	55.61
							4.07	-185.94	5.05	-0.03	0.05	0.05	0.46	0.71	-896.64	49.90
12	-136.74	0.03	0.00	0.00	0.00	0.04	0.00	-245.96	-0.93	---	---	0.02	0.18	0.86	-1075.90	61.52
							2.04	-207.88	-4.14	---	---	0.02	0.20	0.84	-1058.99	54.40
							4.07	-181.86	4.87	-0.03	0.05	0.05	0.45	0.72	-898.63	49.03
1							4.07	-109.86	3.12	---	---	---	---	---	-1738.65	30.51
							6.33	-139.54	-1.70	---	---	---	---	---	-1738.65	37.91
							8.58	-96.00	1.41	---	---	---	---	---	-1738.65	26.93
3							4.07	-87.17	2.29	---	---	---	---	---	-1738.65	24.61
							6.33	-127.05	-1.09	---	---	---	---	---	-1738.65	34.84
							8.58	-92.01	1.18	---	---	---	---	---	-1738.65	25.89
5							4.07	-132.67	3.84	---	---	---	---	---	-1738.65	36.23
							6.33	-127.12	-2.29	---	---	---	---	---	-1738.65	34.86
							8.58	-76.38	1.46	---	---	---	---	---	-1738.65	21.73
7							4.07	-129.53	3.63	---	---	---	---	---	-1738.65	35.45
							6.33	-103.98	-2.19	---	---	---	---	---	-1738.65	29.00
							8.58	-55.59	1.28	---	---	---	---	---	-1738.65	16.05
9	-84.31	0.03	0.00	0.00	0.00	0.05	4.07	-137.80	3.44	-0.02	0.05	0.05	0.48	0.68	-788.04	35.56
							6.33	-135.47	-1.86	---	---	0.02	0.23	0.81	-936.27	35.05
							8.58	-83.15	1.30	---	---	0.05	0.46	0.69	-799.65	22.84
10	-85.97	0.03	0.00	0.00	0.00	0.05	4.07	-138.94	3.47	-0.02	0.05	0.05	0.48	0.68	-788.07	35.80
							6.33	-139.50	-1.86	---	---	0.02	0.23	0.81	-936.27	35.92
							8.58	-86.72	1.28	---	---	0.05	0.46	0.69	-799.65	23.73
11	-85.43	0.03	0.00	0.00	0.00	0.05	4.07	-140.00	3.51	-0.03	0.05	0.05	0.48	0.68	-787.37	36.03
							6.33	-138.28	-1.92	---	---	0.02	0.23	0.81	-936.27	35.66
							8.58	-85.14	1.27	---	---	0.05	0.46	0.69	-799.65	23.34
12	-84.85	0.03	0.00	0.00	0.00	0.05	4.07	-136.74	3.40	-0.02	0.05	0.05	0.48	0.68	-788.75	35.33
							6.33	-136.69	-1.81	---	---	0.02	0.23	0.81	-936.27	35.32
							8.58	-84.73	1.31	---	---	0.05	0.46	0.69	-799.65	23.23
1							8.58	-76.60	1.43	---	---	---	---	---	-1593.76	19.87
							10.46	-82.33	-1.16	---	---	---	---	---	-1593.76	21.26
3							8.58	-71.99	1.23	---	---	---	---	---	-1593.76	18.75
							10.46	-76.37	-0.55	---	---	---	---	---	-1593.76	19.82
5							8.58	-71.00	1.56	---	---	---	---	---	-1593.76	18.50
							10.46	-75.56	-1.58	---	---	---	---	---	-1593.76	19.62
7							8.58	-61.60	1.48	---	---	---	---	---	-1593.76	16.17
							10.46	-63.80	-1.34	---	---	---	---	---	-1593.76	16.72
9	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-84.31	1.61	-0.02	0.10	0.10	1.14	0.47	-503.83	21.02
							10.46	-87.94	-0.68	---	---	0.09	0.94	0.54	-576.39	21.83
10	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-85.97	1.60	-0.02	0.10	0.10	1.14	0.48	-505.74	21.39
							10.46	-89.88	-0.66	---	---	0.09	0.94	0.54	-576.39	22.26
11	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-85.43	1.59	-0.02	0.10	0.10	1.14	0.48	-505.87	21.27
							10.46	-89.40	-0.72	---	---	0.09	0.94	0.54	-576.39	22.15
12	0.00	0.00	0.00	0.00	-0.15	0.17	8.58	-84.85	1.62	-0.02	0.10	0.10	1.14	0.47	-503.71	21.14
							10.46	-88.42	-0.63	---	---	0.09	0.94	0.54	-576.39	21.94

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-286.86	0.00	87.47	45.48	93.70
1	2.04	-174.88	0.00	57.87	19.50	76.97
1	4.07	-197.05	0.00	64.19	37.21	80.56
3	0.00	-237.81	0.00	75.22	39.30	86.77
3	2.04	-136.17	0.00	46.28	18.22	70.26
3	4.07	-169.17	0.00	56.21	34.80	76.02
5	0.00	-274.35	0.00	84.46	23.02	91.99
5	2.04	-209.43	0.00	67.63	7.79	82.50
5	4.07	-189.97	0.00	62.20	14.81	79.43
7	0.00	-214.58	-0.00	69.03	2.41	83.29
7	2.04	-200.33	0.00	65.11	3.53	81.08
7	4.07	-156.02	0.00	52.31	6.79	73.78
9	0.00	-255.79	0.00	72.25	2.56	70.71
9	2.04	-211.52	0.00	63.01	1.12	65.17
9	4.07	-180.53	0.00	55.73	1.99	61.00
10	0.00	-244.43	0.00	70.01	2.56	69.33
10	2.04	-210.36	0.00	62.75	1.12	65.02
10	4.07	-187.26	0.00	57.36	1.99	61.93
11	0.00	-254.26	0.00	71.96	0.56	70.53
11	2.04	-214.00	-0.00	63.56	0.16	65.49
11	4.07	-185.94	0.00	57.04	0.15	61.74
12	0.00	-245.96	0.00	70.32	0.56	69.52
12	2.04	-207.88	0.00	62.19	0.16	64.69
12	4.07	-181.86	0.00	56.05	0.15	61.18
1	4.07	-109.86	0.00	37.78	31.73	61.92
1	6.33	-139.54	0.00	46.95	45.39	67.33

1	8.58	-96.00	0.00	33.35	37.32	59.22
3	4.07	-87.17	0.00	30.47	28.87	57.44
3	6.33	-127.05	-0.00	43.14	39.89	65.10
3	8.58	-92.01	0.00	32.06	32.93	58.43
5	4.07	-132.67	0.00	44.86	13.87	66.11
5	6.33	-127.12	0.00	43.16	21.97	65.12
5	8.58	-76.38	0.00	26.91	17.85	55.19
7	4.07	-129.53	0.00	43.90	4.32	65.55
7	6.33	-103.98	0.00	35.91	3.62	60.79
7	8.58	-55.59	0.00	19.87	3.22	50.56
9	4.07	-137.80	0.00	44.03	1.36	52.13
9	6.33	-135.47	0.00	43.41	2.01	51.78
9	8.58	-83.15	-0.00	28.28	1.66	43.12
10	4.07	-138.94	0.00	44.34	1.36	52.30
10	6.33	-139.50	0.00	44.49	2.01	52.38
10	8.58	-86.72	0.00	29.38	1.66	43.77
11	4.07	-140.00	0.00	44.62	0.25	52.46
11	6.33	-138.28	-0.00	44.16	0.41	52.20
11	8.58	-85.14	0.00	28.90	0.32	43.48
12	4.07	-136.74	0.00	43.75	0.25	51.97
12	6.33	-136.69	0.00	43.74	0.41	51.96
12	8.58	-84.73	-0.00	28.77	0.32	43.41
1	8.58	-76.60	0.00	26.85	17.42	51.97
1	10.46	-82.33	0.00	28.73	21.47	53.15
3	8.58	-71.99	0.00	25.32	16.46	51.01
3	10.46	-76.37	0.00	26.77	20.64	51.93
5	8.58	-71.00	0.00	24.99	6.67	50.80
5	10.46	-75.56	0.00	26.51	7.71	51.76
7	8.58	-61.60	-0.00	21.84	3.49	48.76
7	10.46	-63.80	0.00	22.59	4.93	49.24
9	8.58	-84.31	0.00	28.40	0.70	40.97
9	10.46	-87.94	0.00	29.49	0.95	41.61
10	8.58	-85.97	0.00	28.90	0.70	41.27
10	10.46	-89.88	0.00	30.07	0.95	41.94
11	8.58	-85.43	0.00	28.74	0.02	41.17
11	10.46	-89.40	0.00	29.93	0.02	41.86
12	8.58	-84.85	0.00	28.56	0.02	41.07
12	10.46	-88.42	0.00	29.63	0.02	41.69

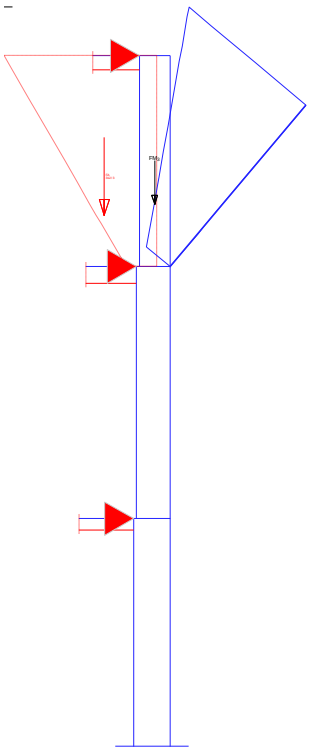
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.13
0.00	4.07	8	SLD	0.47	1.21	2.47
4.07	8.58	6	SLD	0.59	1.40	2.15
8.58	12.35	4	SLD	0.21	0.59	5.05

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.93	3.22
4.07	8.58	2	SLD	0.38	0.91	3.29
4.07	8.58	8	SLD	0.58	1.39	2.16
8.58	12.35	6	SLD	0.37	1.05	2.87

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.24	2.42
4.07	8.58	4	SLD	0.37	0.88	3.41
8.58	12.35	2	SLD	0.21	0.61	4.92
8.58	12.35	8	SLD	0.36	1.04	2.89

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

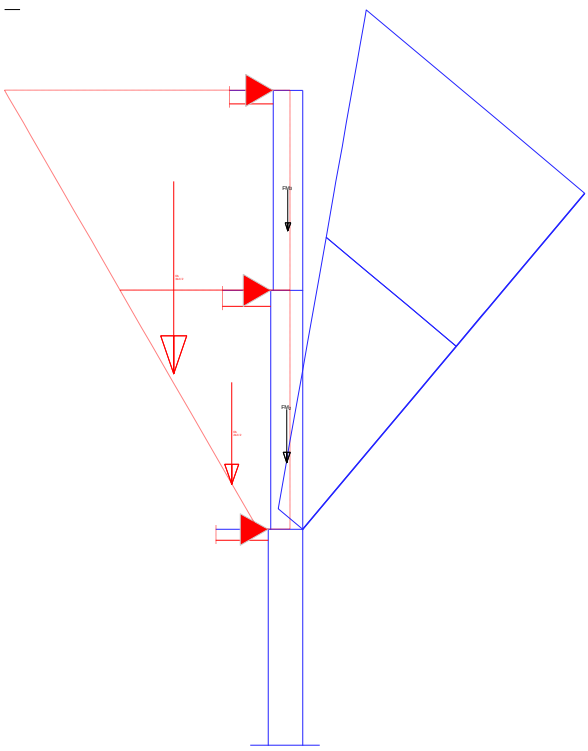


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{312/3}$		58.37	0.61	10.88	Peso ammorsamenti 312/3
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^*=9168.73 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=283.47 <mm>
Domanda di spostamento [C8A.4.11]=125.60 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2570
Domanda di spostamento amplificata [C8A.4.12]=94.87 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.9879

Ribalt. a z=4.07 ammors. a z=4.07

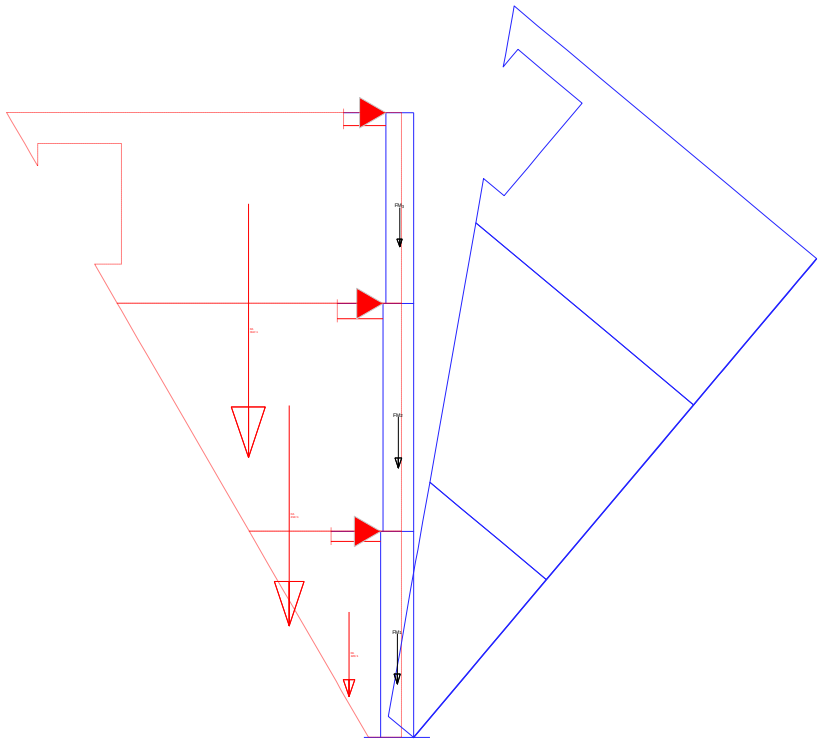


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{212/2}$		81.06	0.77	6.84	Peso ammorsamenti 212/2
$FA_{312/2}$		152.91	1.87	10.62	Peso ammorsamenti 312/2
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^*=27297.20 <kg>
Frazione di massa partecipante e^*=0.87
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=666.04 <mm>
Domanda di spostamento [C8A.4.11]=190.41 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.4980
Domanda di spostamento amplificata [C8A.4.12]=60.99 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=10.9198

Ribalt. a z=0.00 ammors. a z=0.00

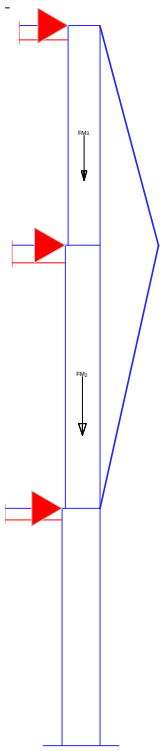


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{123/1}$		70.19	0.71	2.47	Peso ammorsamenti 123/1
$FA_{212/1}$		183.34	1.89	6.55	Peso ammorsamenti 212/1
$FA_{312/1}$		211.48	2.69	10.54	Peso ammorsamenti 312/1
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^*=50512.50 <kg>
Frazione di massa partecipante e^*=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=930.55 <mm>
Domanda di spostamento [C8A.4.11]=191.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=4.8632

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

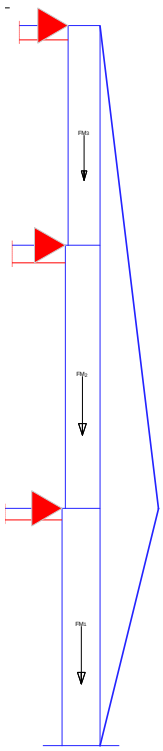


Elenco forze agenti

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]=69.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0470

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

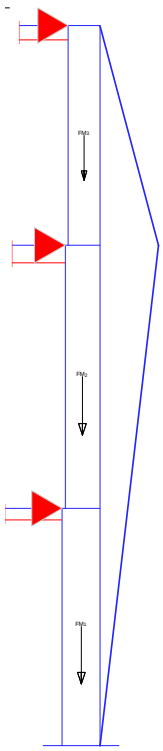


Elenco forze agenti

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

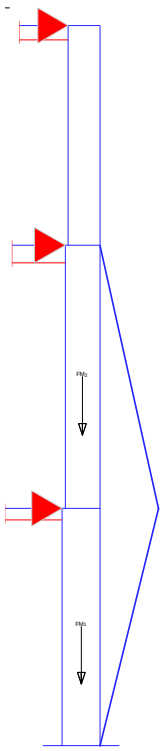


Elenco forze agenti

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. 21

Xg=10.20 <m> Yg=12.54 <m> L=1.43 <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	0.65	3.87	0.03					0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
4.07	8.58	0.60	4.21	0.05					0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.50	3.47		405	-0.14			0.02	0.00	1.00	6.94	9360.00	2600.00	3900.00	190.13	79.22	118.83

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-339.21	-11.59	---	---	---	---	---	-3633.89	98.14
							2.04	-370.72	-5.79	---	---	---	---	---	-3633.89	106.02
							4.07	-368.98	6.49	---	---	---	---	---	-3633.89	105.59
3							0.00	-264.51	-8.63	---	---	---	---	---	-3633.89	78.61
							2.04	-300.27	-5.64	---	---	---	---	---	-3633.89	88.10
							4.07	-301.25	4.42	---	---	---	---	---	-3633.89	88.36
5							0.00	-409.25	-14.55	---	---	---	---	---	-3633.89	115.38
							2.04	-402.76	-5.70	---	---	---	---	---	-3633.89	113.83
							4.07	-419.32	8.71	---	---	---	---	---	-3633.89	117.78
7							0.00	-394.57	-14.12	---	---	---	---	---	-3633.89	111.86
							2.04	-359.78	-5.47	---	---	---	---	---	-3633.89	103.31
							4.07	-394.75	8.53	---	---	---	---	---	-3633.89	111.90
9	-424.09	0.03	0.00	0.00	0.00	0.04	0.00	-411.06	-12.09	0.03	0.05	0.05	0.48	0.70	-1703.47	106.93
							2.04	-386.15	-7.56	---	---	0.02	0.20	0.84	-2043.11	101.96
							4.07	-433.73	7.22	---	---	0.04	0.41	0.74	-1787.15	111.27
10	-423.38	0.03	0.00	0.00	0.00	0.04	0.00	-413.87	-12.16	0.03	0.05	0.05	0.48	0.70	-1704.07	107.47
							2.04	-394.07	-7.59	---	---	0.02	0.20	0.84	-2043.11	103.56

							4.07	-437.93	7.22	---	---	0.04	0.41	0.74	-1787.15	112.06
11	-427.73	0.03	0.00	0.00	0.00	0.04	0.00	-418.77	-11.77	0.03	0.05	0.05	0.46	0.71	-1718.75	108.42
							2.04	-395.73	-7.62	---	---	0.02	0.20	0.84	-2043.11	103.90
							4.07	-440.90	7.34	---	---	0.04	0.41	0.74	-1787.15	112.61
12	-419.75	0.03	0.00	0.00	0.00	0.04	0.00	-406.16	-12.48	0.03	0.05	0.05	0.49	0.70	-1688.33	105.97
							2.04	-384.49	-7.52	---	---	0.02	0.20	0.84	-2043.11	101.63
							4.07	-430.76	7.10	---	---	0.04	0.41	0.74	-1787.15	110.71
1							4.07	-323.19	4.87	---	---	---	---	---	-3354.36	85.97
							6.33	-184.40	-2.57	---	---	---	---	---	-3354.36	51.74
							8.58	-204.83	2.18	---	---	---	---	---	-3354.36	57.04
3							4.07	-267.76	3.52	---	---	---	---	---	-3354.36	72.78
							6.33	-164.83	-1.69	---	---	---	---	---	-3354.36	46.59
							8.58	-184.91	1.29	---	---	---	---	---	-3354.36	51.88
5							4.07	-381.39	6.24	---	---	---	---	---	-3354.36	99.11
							6.33	-181.26	-3.21	---	---	---	---	---	-3354.36	50.92
							8.58	-199.84	2.87	---	---	---	---	---	-3354.36	55.75
7							4.07	-375.84	6.05	---	---	---	---	---	-3354.36	97.89
							6.33	-159.00	-2.89	---	---	---	---	---	-3354.36	45.04
							8.58	-175.63	2.56	---	---	---	---	---	-3354.36	49.44
9	-214.31	0.05	0.00	0.00	0.00	0.07	4.07	-424.09	5.42	-0.01	0.05	0.05	0.48	0.68	-1516.89	98.84
							6.33	-199.66	-2.24	---	---	0.04	0.36	0.74	-1663.25	53.61
							8.58	-225.88	1.21	---	---	0.07	0.71	0.60	-1346.90	59.71
10	-215.87	0.05	0.00	0.00	0.00	0.07	4.07	-423.38	5.45	-0.01	0.05	0.05	0.48	0.68	-1515.89	98.72
							6.33	-203.34	-2.29	---	---	0.04	0.36	0.74	-1663.25	54.48
							8.58	-229.90	1.17	---	---	0.07	0.71	0.60	-1346.90	60.63
11	-216.20	0.05	0.00	0.00	0.00	0.07	4.07	-427.73	5.51	-0.01	0.05	0.05	0.48	0.68	-1515.85	99.44
							6.33	-202.76	-2.35	---	---	0.04	0.36	0.74	-1663.25	54.34
							8.58	-229.26	1.11	---	---	0.07	0.71	0.60	-1346.90	60.48
12	-213.99	0.05	0.00	0.00	0.00	0.07	4.07	-419.75	5.36	-0.01	0.05	0.05	0.48	0.68	-1516.95	98.12
							6.33	-200.24	-2.19	---	---	0.04	0.36	0.74	-1663.25	53.74
							8.58	-226.51	1.27	---	---	0.07	0.71	0.60	-1346.90	59.86
1							8.58	-164.89	1.97	---	---	---	---	---	-2795.30	38.36
							10.46	-87.09	-1.31	---	---	---	---	---	-2795.30	20.97
3							8.58	-149.24	1.20	---	---	---	---	---	-2795.30	34.97
							10.46	-82.96	-0.49	---	---	---	---	---	-2795.30	20.01
5							8.58	-175.09	2.70	---	---	---	---	---	-2795.30	40.55
							10.46	-83.01	-1.90	---	---	---	---	---	-2795.30	20.03
7							8.58	-168.19	2.55	---	---	---	---	---	-2795.30	39.07
							10.46	-75.39	-1.57	---	---	---	---	---	-2795.30	18.25
9	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-214.31	1.43	-0.01	0.09	0.09	1.02	0.50	-937.56	46.33
							10.46	-106.09	-0.42	---	---	0.08	0.94	0.53	-985.97	24.75
10	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-215.87	1.41	-0.01	0.09	0.09	1.02	0.50	-938.58	46.61
							10.46	-107.59	-0.46	---	---	0.08	0.94	0.53	-985.97	25.07
11	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-216.20	1.36	-0.01	0.08	0.08	1.02	0.50	-940.54	46.67
							10.46	-107.16	-0.50	---	---	0.08	0.94	0.53	-985.97	24.98
12	0.00	0.00	0.00	0.00	-0.14	0.16	8.58	-213.99	1.48	-0.01	0.09	0.09	1.03	0.50	-935.58	46.27
							10.46	-106.52	-0.39	---	---	0.08	0.94	0.53	-985.97	24.84

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-339.21	0.00	216.43	110.14	148.80
1	2.04	-370.72	0.00	233.82	134.56	153.92
1	4.07	-368.98	0.00	232.87	82.82	153.64
3	0.00	-264.51	0.00	173.35	105.51	135.89
3	2.04	-300.27	0.00	194.29	121.33	142.21
3	4.07	-301.25	0.00	194.86	69.27	142.38
5	0.00	-409.25	0.00	254.46	40.07	159.96
5	2.04	-402.76	0.00	251.03	60.42	158.96
5	4.07	-419.32	0.00	259.75	45.40	161.50
7	0.00	-394.57	0.00	246.68	24.62	157.69
7	2.04	-359.78	0.00	227.84	16.34	152.16
7	4.07	-394.75	0.00	246.77	0.23	157.71
9	0.00	-411.06	-0.00	235.81	6.52	126.12
9	2.04	-386.15	0.00	224.87	7.42	122.84
9	4.07	-433.73	0.00	245.39	4.13	129.04
10	0.00	-413.87	0.00	237.02	6.52	126.49
10	2.04	-394.07	0.00	228.40	7.42	123.89
10	4.07	-437.93	0.00	247.13	4.13	129.57
11	0.00	-418.77	0.00	239.11	0.52	127.12
11	2.04	-395.73	0.00	229.13	1.24	124.11
11	4.07	-440.90	0.00	248.35	1.21	129.94
12	0.00	-406.16	-0.00	233.69	0.52	125.48
12	2.04	-384.49	-0.00	224.13	1.24	122.62
12	4.07	-430.76	-0.00	244.16	1.21	128.66
1	4.07	-323.19	0.00	205.39	91.33	139.01
1	6.33	-184.40	0.00	123.62	89.83	114.10
1	8.58	-204.83	0.00	136.27	53.12	118.10

3	4.07	-267.76	-0.00	173.89	82.11	129.63
3	6.33	-164.83	0.00	111.31	84.77	110.13
3	8.58	-184.91	0.00	123.94	49.94	114.20
5	4.07	-381.39	0.00	236.79	41.39	148.21
5	6.33	-181.26	0.00	121.66	34.62	113.47
5	8.58	-199.84	0.00	133.19	20.77	117.13
7	4.07	-375.84	0.00	233.87	10.65	147.36
7	6.33	-159.00	0.00	107.61	17.76	108.92
7	8.58	-175.63	0.00	118.13	10.15	112.34
9	4.07	-424.09	0.00	236.15	3.94	122.09
9	6.33	-199.66	-0.00	128.07	4.11	90.05
9	8.58	-225.88	-0.00	142.66	2.30	94.36
10	4.07	-423.38	-0.00	235.87	3.94	122.00
10	6.33	-203.34	0.00	130.15	4.11	90.67
10	8.58	-229.90	0.00	144.85	2.30	95.00
11	4.07	-427.73	0.00	237.59	0.82	122.54
11	6.33	-202.76	0.00	129.82	0.34	90.57
11	8.58	-229.26	0.00	144.50	0.13	94.90
12	4.07	-419.75	-0.00	234.41	0.82	121.55
12	6.33	-200.24	-0.00	128.40	0.34	90.15
12	8.58	-226.51	-0.00	143.00	0.13	94.46
1	8.58	-164.89	0.00	109.98	43.81	97.29
1	10.46	-87.09	0.00	60.13	46.55	80.75
3	8.58	-149.24	0.00	100.25	38.46	94.20
3	10.46	-82.96	0.00	57.38	45.75	79.77
5	8.58	-175.09	0.00	116.25	21.27	99.26
5	10.46	-83.01	0.00	57.42	15.19	79.79
7	8.58	-168.19	0.00	112.02	3.41	97.93
7	10.46	-75.39	0.00	52.32	12.50	77.96
9	8.58	-214.31	-0.00	132.82	1.62	82.71
9	10.46	-106.09	0.00	70.95	2.00	64.11
10	8.58	-215.87	0.00	133.64	1.62	82.95
10	10.46	-107.59	0.00	71.88	2.00	64.40
11	8.58	-216.20	0.00	133.81	0.41	83.00
11	10.46	-107.16	0.00	71.61	0.05	64.32
12	8.58	-213.99	-0.00	132.65	0.41	82.66
12	10.46	-106.52	-0.00	71.21	0.05	64.19

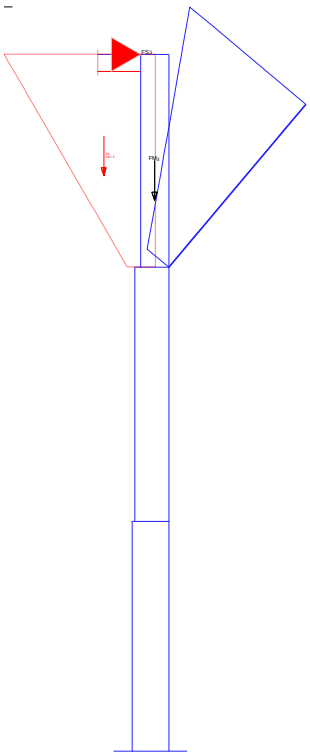
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.38	0.97	3.09
0.00	4.07	8	SLD	0.49	1.28	2.35
4.07	8.58	6	SLD	0.58	1.38	2.18
8.58	12.35	4	SLD	0.21	0.61	4.91

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.29
4.07	8.58	2	SLD	0.38	0.90	3.32
4.07	8.58	8	SLD	0.58	1.37	2.19
8.58	12.35	6	SLD	0.37	1.06	2.84

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.50	1.30	2.31
4.07	8.58	4	SLD	0.37	0.89	3.38
8.58	12.35	2	SLD	0.21	0.62	4.86
8.58	12.35	8	SLD	0.36	1.05	2.86

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

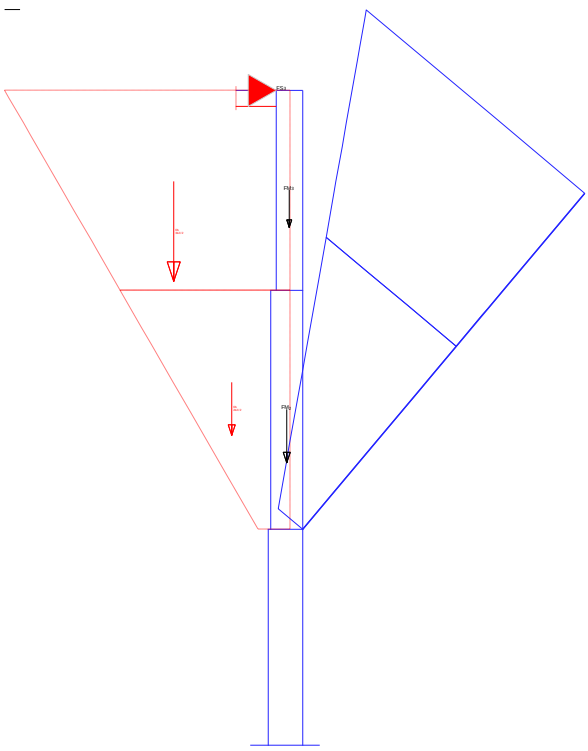


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{312/3}$		56.59	0.59	10.90	Peso ammorsamenti 312/3
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^*=11432.40 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=235.95 <mm>
Domanda di spostamento [C8A.4.11]=124.03 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.9024
Domanda di spostamento amplificata [C8A.4.12]=94.10 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.5074

Ribalt. a z=4.07 ammors. a z=4.07

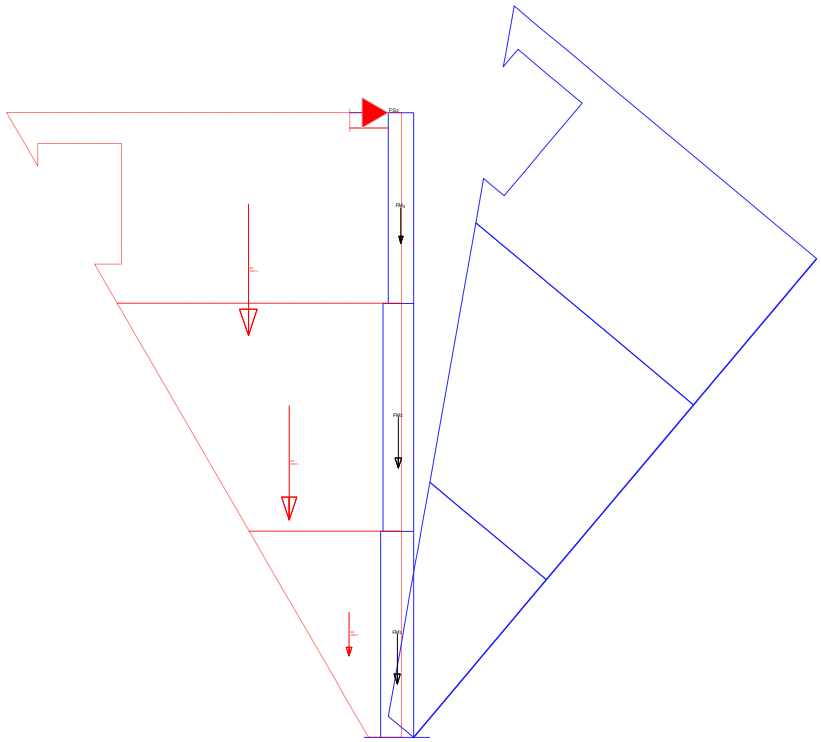


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{212/2}$		81.06	0.77	6.84	Peso ammorsamenti 212/2
$FA_{312/2}$		152.91	1.87	10.62	Peso ammorsamenti 312/2
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^*=32295.80 <kg>
Frazione di massa partecipante e^*=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=584.49 <mm>
Domanda di spostamento [C8A.4.11]=186.80 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.1289
Domanda di spostamento amplificata [C8A.4.12]=60.06 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=9.7324

Ribalt. a z=0.00 ammors. a z=0.00

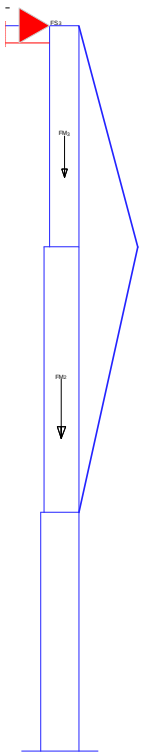


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{123/1}$		70.19	0.71	2.47	Peso ammorsamenti 123/1
$FA_{212/1}$		183.34	1.89	6.55	Peso ammorsamenti 212/1
$FA_{312/1}$		211.48	2.69	10.54	Peso ammorsamenti 312/1
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^*=58233.80 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=827.84 <mm>
Domanda di spostamento [C8A.4.11]=191.34 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=4.3265

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

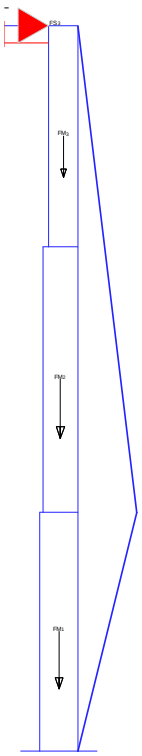


Elenco forze agenti

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_u^*=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]=69.81 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0869

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

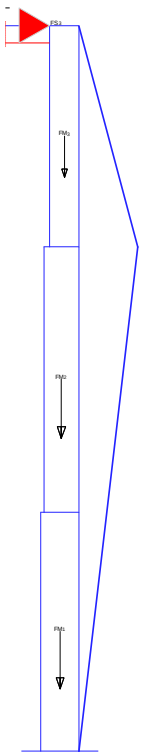


Elenco forze agenti

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

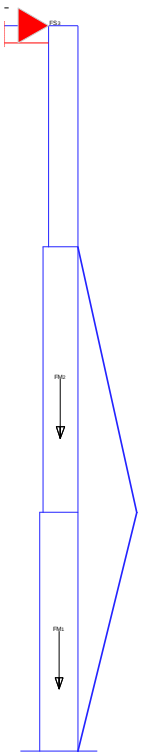


Elenco forze agenti

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^*=16421.10 <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. 22

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_{VK0} <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	9360.00	2600.00	3900.00	190.13	79.22	118.83
					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	9360.00	2600.00	3900.00	190.13	79.22	118.83
					205	-0.18												
8.58	12.35	0.55	3.67		409	-0.15			0.02	0.00	1.00	6.67	9360.00	2600.00	3900.00	190.13	79.22	118.83
					304	-0.15												
					408	-0.15												
					305	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-510.97	-24.83	---	---	---	---	---	-5582.07	148.18
							2.04	-658.18	-10.51	---	---	---	---	---	-5582.07	184.24
							4.07	-499.05	10.67	---	---	---	---	---	-5582.07	145.13
3							0.00	-402.60	-23.73	---	---	---	---	---	-5582.07	119.74
							2.04	-534.67	-10.22	---	---	---	---	---	-5582.07	154.19
							4.07	-415.62	7.76	---	---	---	---	---	-5582.07	123.25
5							0.00	-622.85	-25.24	---	---	---	---	---	-5582.07	175.85
							2.04	-741.61	-10.57	---	---	---	---	---	-5582.07	203.35
							4.07	-523.77	13.72	---	---	---	---	---	-5582.07	151.44
7							0.00	-610.38	-24.49	---	---	---	---	---	-5582.07	172.85
							2.04	-689.62	-10.33	---	---	---	---	---	-5582.07	191.55
							4.07	-461.53	13.44	---	---	---	---	---	-5582.07	135.41

9	-484.48	0.00	25.85	0.00	-0.01	0.03	0.00	-647.79	-32.05	0.05	0.06	0.06	0.59	0.66	-2465.70	167.42
							2.04	-772.87	-14.37	---	---	0.02	0.18	0.86	-3188.54	189.81
							4.07	-544.87	12.94	---	---	0.03	0.26	0.81	-3025.07	146.58
10	-470.96	0.00	25.85	0.00	-0.01	0.03	0.00	-650.35	-31.93	0.05	0.06	0.06	0.59	0.66	-2468.51	167.91
							2.04	-763.14	-14.32	---	---	0.02	0.18	0.86	-3188.54	188.18
							4.07	-533.76	12.89	---	---	0.03	0.27	0.81	-3020.62	144.20
11	-483.92	0.00	25.85	0.00	-0.01	0.03	0.00	-658.28	-31.81	0.05	0.06	0.06	0.58	0.67	-2478.43	169.42
							2.04	-778.19	-14.46	---	---	0.02	0.18	0.86	-3188.54	190.69
							4.07	-545.72	13.11	---	---	0.03	0.26	0.81	-3024.89	146.76
12	-471.52	0.00	25.85	0.00	-0.01	0.03	0.00	-639.85	-32.18	0.05	0.06	0.06	0.60	0.66	-2455.48	165.89
							2.04	-757.82	-14.23	---	---	0.02	0.18	0.86	-3188.54	187.29
							4.07	-532.91	12.71	---	---	0.03	0.27	0.81	-3020.81	144.02
1							4.07	-486.81	9.34	---	---	---	---	---	-5582.07	141.98
							6.33	-310.55	-5.64	---	---	---	---	---	-5582.07	94.32
							8.58	-228.59	2.07	---	---	---	---	---	-5582.07	70.71
3							4.07	-404.64	6.86	---	---	---	---	---	-5582.07	120.29
							6.33	-265.10	-3.50	---	---	---	---	---	-5582.07	81.34
							8.58	-202.09	1.67	---	---	---	---	---	-5582.07	62.88
5							4.07	-491.15	12.12	---	---	---	---	---	-5582.07	143.10
							6.33	-357.60	-7.88	---	---	---	---	---	-5582.07	107.46
							8.58	-237.17	2.38	---	---	---	---	---	-5582.07	73.23
7							4.07	-412.70	12.03	---	---	---	---	---	-5582.07	122.46
							6.33	-352.47	-7.65	---	---	---	---	---	-5582.07	106.04
							8.58	-218.01	2.24	---	---	---	---	---	-5582.07	67.60
9	-219.76	0.05	0.00	0.00	0.00	0.07	4.07	-484.48	11.74	-0.02	0.06	0.06	0.55	0.66	-2470.90	133.34
							6.33	-414.21	-6.75	---	---	0.04	0.33	0.77	-2861.47	116.99
							8.58	-279.35	1.92	---	---	0.07	0.66	0.63	-2346.68	82.77
10	-213.66	0.05	0.00	0.00	0.00	0.07	4.07	-470.96	11.74	-0.02	0.06	0.06	0.56	0.66	-2463.27	130.27
							6.33	-412.44	-6.74	---	---	0.04	0.33	0.77	-2861.47	116.57
							8.58	-275.58	1.90	---	---	0.07	0.66	0.63	-2346.68	81.76
11	-218.56	0.05	0.00	0.00	0.00	0.07	4.07	-483.92	11.91	-0.02	0.06	0.06	0.56	0.66	-2466.63	133.21
							6.33	-416.58	-6.95	---	---	0.04	0.33	0.77	-2861.47	117.56
							8.58	-279.30	1.86	---	---	0.07	0.66	0.63	-2346.68	82.76
12	-214.86	0.05	0.00	0.00	0.00	0.07	4.07	-471.52	11.56	-0.02	0.06	0.06	0.55	0.66	-2467.66	130.40
							6.33	-410.07	-6.55	---	---	0.04	0.33	0.77	-2861.47	116.00
							8.58	-275.64	1.96	---	---	0.07	0.66	0.63	-2346.68	81.78
1							8.58	-216.73	3.31	---	---	---	---	---	-4723.29	56.38
							10.46	-230.93	-2.34	---	---	---	---	---	-4723.29	59.85
3							8.58	-190.24	2.57	---	---	---	---	---	-4723.29	49.84
							10.46	-197.94	-0.40	---	---	---	---	---	-4723.29	51.75
5							8.58	-205.94	3.85	---	---	---	---	---	-4723.29	53.73
							10.46	-218.17	-4.49	---	---	---	---	---	-4723.29	56.74
7							8.58	-170.19	3.58	---	---	---	---	---	-4723.29	44.82
							10.46	-174.24	-4.39	---	---	---	---	---	-4723.29	45.84
9	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-219.76	3.38	-0.02	0.10	0.10	1.11	0.48	-1513.12	55.47
							10.46	-220.78	-1.91	---	---	0.09	0.94	0.54	-1686.90	55.71
10	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-213.66	3.34	-0.02	0.10	0.10	1.11	0.48	-1510.64	54.07
							10.46	-213.14	-1.92	---	---	0.09	0.94	0.54	-1686.90	53.95
11	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-218.56	3.29	-0.02	0.10	0.10	1.10	0.48	-1517.05	55.20
							10.46	-219.50	-2.05	---	---	0.09	0.94	0.54	-1686.90	55.41
12	0.00	0.00	2.24	0.00	-0.15	0.17	8.58	-214.86	3.43	-0.02	0.10	0.10	1.11	0.48	-1506.66	54.34
							10.46	-214.42	-1.78	---	---	0.09	0.94	0.54	-1686.90	54.24

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-510.97	115.17	501.99	140.67	226.89
1	2.04	-658.18	60.21	624.14	211.00	250.22
1	4.07	-499.05	33.14	491.66	39.39	224.90
3	0.00	-402.60	107.23	405.65	138.95	208.06
3	2.04	-534.67	54.87	522.34	201.55	230.81
3	4.07	-415.62	30.16	417.51	29.97	210.41
5	0.00	-622.85	46.60	595.74	44.81	244.82
5	2.04	-741.61	26.16	688.89	77.62	262.52
5	4.07	-523.77	14.47	513.01	26.09	229.02
7	0.00	-610.38	-20.12	585.57	39.07	242.89
7	2.04	-689.62	-8.36	648.91	46.14	254.92
7	4.07	-461.53	-4.52	458.72	5.29	218.50
9	0.00	-647.79	6.36	567.16	8.38	195.85
9	2.04	-772.87	3.14	643.02	11.91	211.33
9	4.07	-544.87	-2.01	496.56	2.07	182.13
10	0.00	-650.35	-6.36	568.82	8.38	196.18
10	2.04	-763.14	-3.14	637.51	11.91	210.17
10	4.07	-533.76	2.01	488.51	2.07	180.59
11	0.00	-658.28	-0.66	573.94	0.18	197.20
11	2.04	-778.19	0.47	646.00	0.88	211.97
11	4.07	-545.72	-0.22	497.18	0.86	182.25
12	0.00	-639.85	0.66	561.98	0.18	194.83

12	2.04	-757.82	-0.47	634.47	0.88	209.53
12	4.07	-532.91	0.22	487.89	0.86	180.47
1	4.07	-486.81	48.25	480.99	53.98	222.83
1	6.33	-310.55	41.63	319.53	183.19	190.61
1	8.58	-228.59	33.32	239.56	29.32	173.60
3	4.07	-404.64	45.04	407.52	43.10	208.43
3	6.33	-265.10	40.67	275.56	173.56	181.37
3	8.58	-202.09	32.41	213.03	25.01	167.73
5	4.07	-491.15	19.34	484.78	32.69	223.57
5	6.33	-357.60	13.93	364.04	69.57	199.72
5	8.58	-237.17	11.39	248.07	15.34	175.45
7	4.07	-412.70	-8.65	414.86	3.57	209.89
7	6.33	-352.47	-10.76	359.24	37.45	198.75
7	8.58	-218.01	-8.33	229.00	0.96	171.28
9	4.07	-484.48	2.04	451.72	2.16	173.58
9	6.33	-414.21	-1.92	396.33	8.36	163.06
9	8.58	-279.35	-1.60	280.40	1.20	140.68
10	4.07	-470.96	-2.04	441.32	2.16	171.60
10	6.33	-412.44	1.92	394.89	8.36	162.78
10	8.58	-275.58	1.60	276.99	1.20	140.01
11	4.07	-483.92	0.27	451.29	0.86	173.50
11	6.33	-416.58	0.09	398.25	0.76	163.42
11	8.58	-279.30	-0.07	280.35	0.34	140.67
12	4.07	-471.52	-0.27	441.76	0.86	171.69
12	6.33	-410.07	-0.09	392.96	0.76	162.42
12	8.58	-275.64	0.07	277.03	0.34	140.01
1	8.58	-216.73	5.11	225.74	15.58	151.88
1	10.46	-230.93	1.97	239.63	86.94	154.84
3	8.58	-190.24	4.68	199.53	13.64	146.19
3	10.46	-197.94	1.08	207.19	83.27	147.87
5	8.58	-205.94	2.19	215.11	7.61	149.59
5	10.46	-218.17	1.95	227.15	31.64	152.18
7	8.58	-170.19	-0.75	179.44	1.16	141.74
7	10.46	-174.24	1.03	183.52	19.42	142.65
9	8.58	-219.76	0.13	222.09	0.47	116.03
9	10.46	-220.78	0.08	223.03	3.59	116.21
10	8.58	-213.66	-0.13	216.46	0.47	114.90
10	10.46	-213.14	-0.08	215.98	3.59	114.80
11	8.58	-218.56	-0.04	220.99	0.08	115.81
11	10.46	-219.50	0.06	221.85	0.17	115.98
12	8.58	-214.86	0.04	217.57	0.08	115.12
12	10.46	-214.42	-0.06	217.16	0.17	115.04

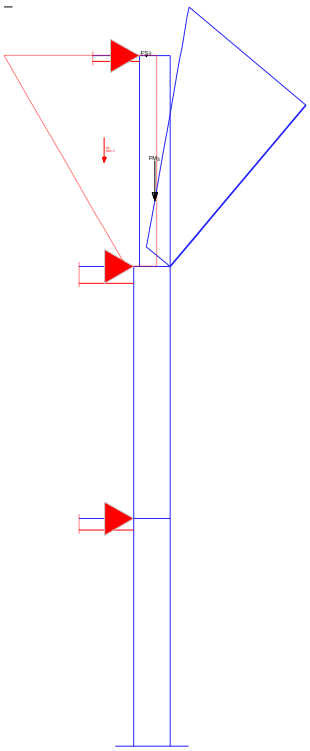
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.14
0.00	4.07	8	SLD	0.47	1.21	2.48
4.07	8.58	6	SLD	0.58	1.38	2.18
8.58	12.35	4	SLD	0.21	0.58	5.22

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.93	3.22
4.07	8.58	2	SLD	0.38	0.91	3.29
4.07	8.58	8	SLD	0.57	1.36	2.20
8.58	12.35	6	SLD	0.37	1.01	2.97

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.43
4.07	8.58	4	SLD	0.37	0.87	3.43
8.58	12.35	2	SLD	0.21	0.58	5.17
8.58	12.35	8	SLD	0.37	1.01	2.98

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

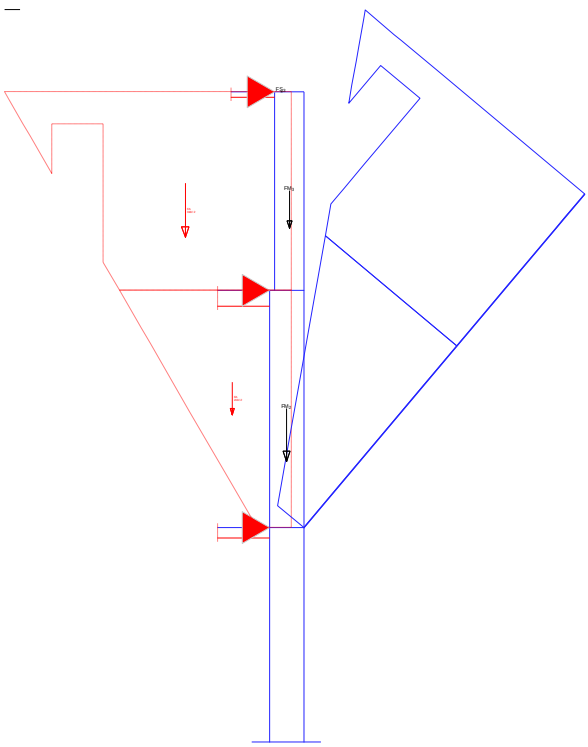


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{318/3}$		58.37	0.61	10.88	Peso ammorsamenti 318/3
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^*=15622.20 <kg>
Frazione di massa partecipante e^*=0.98
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=213.64 <mm>
Domanda di spostamento [C8A.4.11]=122.80 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.7397
Domanda di spostamento amplificata [C8A.4.12]=93.51 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2845

Ribalt. a z=4.07 ammors. a z=4.07

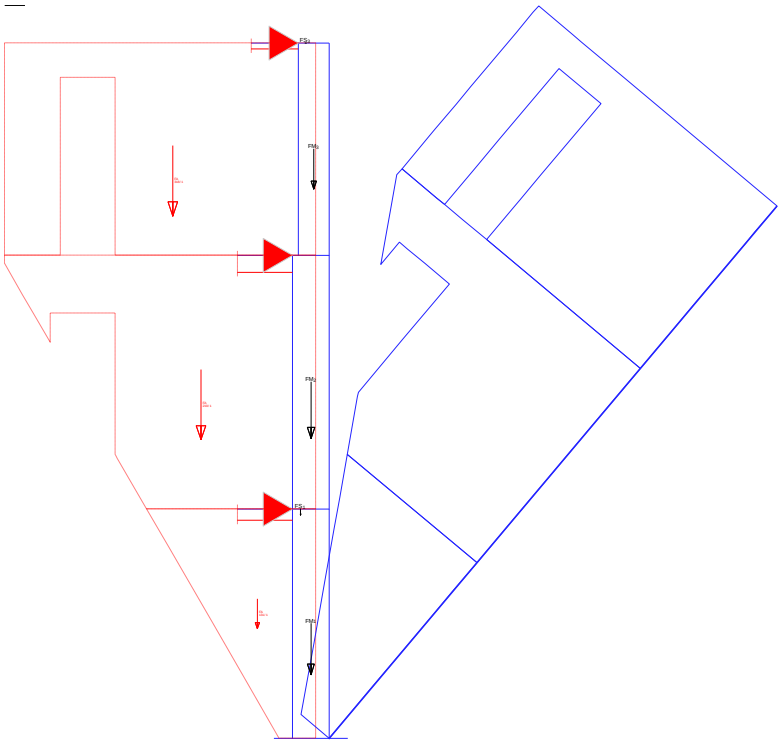


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{219/2}$		83.19	0.80	6.83	Peso ammorsamenti 219/2
$FA_{318/2}$		138.31	1.68	10.60	Peso ammorsamenti 318/2
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^*=38610.70 <kg>
Frazione di massa partecipante e^*=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=466.95 <mm>
Domanda di spostamento [C8A.4.11]=182.37 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.5604
Domanda di spostamento amplificata [C8A.4.12]=58.94 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=7.9224

Ribalt. a z=0.00 ammors. a z=0.00

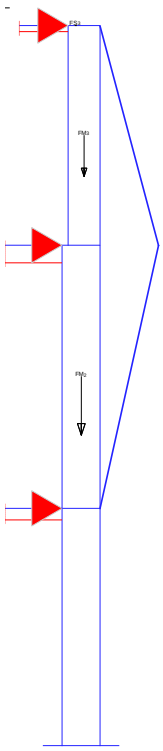


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{131/1}$		70.19	0.71	2.47	Peso ammorsamenti 131/1
$FA_{219/1}$		166.83	1.71	6.54	Peso ammorsamenti 219/1
$FA_{318/1}$		167.72	2.21	10.52	Peso ammorsamenti 318/1
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^*=64431.50 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=605.40 <mm>
Domanda di spostamento [C8A.4.11]=191.30 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.1646

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

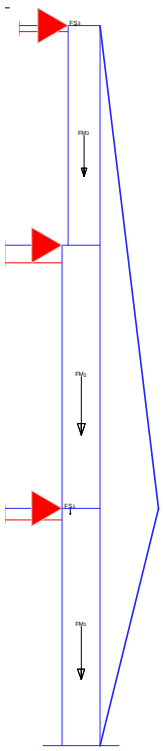


Elenco forze agenti

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]=69.61 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0699

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

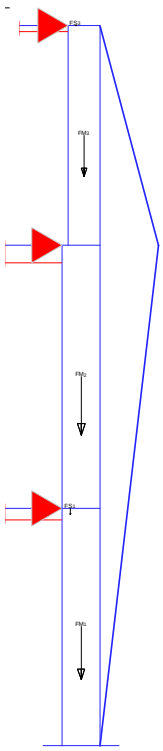


Elenco forze agenti

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

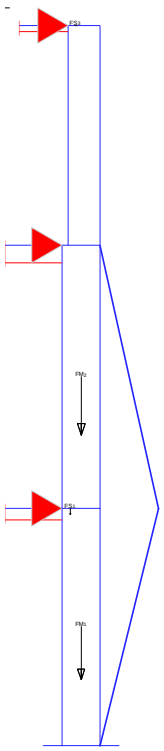


Elenco forze agenti

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 cinematismo 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. 23

Xg=18.87 <m> Yg=12.54 <m> L=3.80 <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	0.65	3.87	0.03	105	-0.18			0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
					117	-0.18												
					111	-0.18												
					118	-0.18												
4.07	8.58	0.60	4.21	0.03	205	-0.17			0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
					204	-0.17												
8.58	12.35	0.55	3.67		408	-0.15			0.02	0.00	1.00	6.67	9360.00	2600.00	3900.00	190.13	79.22	118.83
					305	-0.15												
					414	-0.15												
					306	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-948.99	-22.98	---	---	---	---	---	-9633.00	272.68
							2.04	-944.66	-19.49	---	---	---	---	---	-9633.00	271.59
							4.07	-667.72	13.13	---	---	---	---	---	-9633.00	199.31
3							0.00	-768.85	-16.54	---	---	---	---	---	-9633.00	226.41
							2.04	-751.83	-19.00	---	---	---	---	---	-9633.00	221.91
							4.07	-546.60	9.00	---	---	---	---	---	-9633.00	165.79
5							0.00	-1077.55	-26.85	---	---	---	---	---	-9633.00	304.12
							2.04	-1130.22	-18.23	---	---	---	---	---	-9633.00	316.62
							4.07	-764.50	16.62	---	---	---	---	---	-9633.00	225.26
7							0.00	-1007.61	-23.74	---	---	---	---	---	-9633.00	287.18

							2.04	-1096.44	-16.64	---	---	---	---	---	-9633.00	308.63
							4.07	-726.35	15.47	---	---	---	---	---	-9633.00	215.12
9	-754.82	0.02	63.83	0.00	-0.01	0.03	0.00	-1116.70	-18.76	---	---	0.02	0.18	0.86	-5502.48	288.68
							2.04	-1186.60	-23.81	0.02	0.03	0.03	0.32	0.79	-5048.98	301.81
							4.07	-824.23	13.59	---	---	0.03	0.26	0.81	-5231.36	227.43
10	-748.32	0.02	63.83	0.00	-0.01	0.03	0.00	-1104.40	-18.21	---	---	0.02	0.18	0.86	-5502.48	286.31
							2.04	-1181.49	-23.54	0.02	0.03	0.03	0.31	0.79	-5055.38	300.87
							4.07	-818.00	13.38	---	---	0.03	0.26	0.82	-5235.31	226.01
11	-760.22	0.02	63.83	0.00	-0.01	0.03	0.00	-1125.85	-17.72	---	---	0.02	0.18	0.86	-5502.48	290.43
							2.04	-1200.01	-23.82	0.02	0.03	0.03	0.31	0.79	-5054.08	304.27
							4.07	-830.52	13.78	---	---	0.03	0.26	0.81	-5228.12	228.85
12	-742.92	0.02	63.83	0.00	-0.01	0.03	0.00	-1095.26	-19.25	---	---	0.02	0.18	0.86	-5502.48	284.54
							2.04	-1168.07	-23.53	0.02	0.03	0.03	0.32	0.79	-5050.19	298.39
							4.07	-811.70	13.19	---	---	0.03	0.26	0.82	-5238.65	224.57
1							4.07	-626.79	14.53	---	---	---	---	---	-8892.00	172.44
							6.33	-569.85	-7.46	---	---	---	---	---	-8892.00	158.07
							8.58	-379.05	1.35	---	---	---	---	---	-8892.00	108.01
3							4.07	-512.76	10.58	---	---	---	---	---	-8892.00	143.39
							6.33	-485.22	-4.09	---	---	---	---	---	-8892.00	136.22
							8.58	-328.83	0.72	---	---	---	---	---	-8892.00	94.36
5							4.07	-714.59	17.56	---	---	---	---	---	-8892.00	194.11
							6.33	-593.54	-10.66	---	---	---	---	---	-8892.00	164.08
							8.58	-377.94	1.96	---	---	---	---	---	-8892.00	107.71
7							4.07	-675.81	16.19	---	---	---	---	---	-8892.00	184.62
							6.33	-529.21	-10.03	---	---	---	---	---	-8892.00	147.65
							8.58	-326.77	1.87	---	---	---	---	---	-8892.00	93.79
9	-333.22	0.03	0.00	0.00	0.00	0.05	4.07	-754.82	15.35	-0.02	0.04	0.04	0.43	0.70	-4171.22	192.52
							6.33	-637.71	-7.86	---	---	0.02	0.23	0.81	-4788.41	167.10
							8.58	-413.59	0.50	---	---	0.05	0.46	0.69	-4089.67	113.89
10	-326.08	0.03	0.00	0.00	0.00	0.05	4.07	-748.32	15.11	-0.02	0.04	0.04	0.43	0.70	-4175.80	191.16
							6.33	-627.04	-7.76	---	---	0.02	0.23	0.81	-4788.41	164.70
							8.58	-405.20	0.49	---	---	0.05	0.46	0.69	-4089.67	111.78
11	-332.61	0.03	0.00	0.00	0.00	0.05	4.07	-760.22	15.55	-0.02	0.04	0.04	0.43	0.70	-4167.78	193.66
							6.33	-638.62	-8.13	---	---	0.02	0.23	0.81	-4788.41	167.30
							8.58	-413.01	0.50	---	---	0.05	0.46	0.69	-4089.67	113.75
12	-326.69	0.03	0.00	0.00	0.00	0.05	4.07	-742.92	14.91	-0.02	0.04	0.04	0.43	0.71	-4179.35	190.01
							6.33	-626.13	-7.49	---	---	0.02	0.23	0.81	-4788.41	164.50
							8.58	-405.78	0.49	---	---	0.05	0.46	0.69	-4089.67	111.93
1							8.58	-309.96	2.89	---	---	---	---	---	-8151.00	81.43
							10.46	-317.79	-3.18	---	---	---	---	---	-8151.00	83.38
3							8.58	-268.39	2.32	---	---	---	---	---	-8151.00	70.95
							10.46	-274.71	0.69	---	---	---	---	---	-8151.00	72.55
5							8.58	-308.51	3.20	---	---	---	---	---	-8151.00	81.06
							10.46	-294.52	-7.52	---	---	---	---	---	-8151.00	77.55
7							8.58	-265.70	2.89	---	---	---	---	---	-8151.00	70.26
							10.46	-231.51	-7.37	---	---	---	---	---	-8151.00	61.54
9	0.00	0.00	5.23	0.00	-0.15	0.17	8.58	-333.22	2.76	-0.01	0.09	0.09	1.03	0.51	-2751.74	85.02
							10.46	-303.24	-1.52	---	---	0.09	0.94	0.54	-2911.08	77.92
10	0.00	0.00	5.23	0.00	-0.15	0.17	8.58	-326.08	2.72	-0.01	0.09	0.09	1.03	0.51	-2750.76	83.34
							10.46	-292.89	-1.53	---	---	0.09	0.94	0.54	-2911.08	75.44
11	0.00	0.00	5.23	0.00	-0.15	0.17	8.58	-332.61	2.77	-0.01	0.09	0.09	1.03	0.51	-2751.05	84.88
							10.46	-301.22	-1.79	---	---	0.09	0.94	0.54	-2911.08	77.43
12	0.00	0.00	5.23	0.00	-0.15	0.17	8.58	-326.69	2.71	-0.01	0.09	0.09	1.03	0.51	-2751.47	83.48
							10.46	-294.91	-1.27	---	---	0.09	0.94	0.54	-2911.08	75.92

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-948.99	283.21	1594.11	284.64	592.96
1	2.04	-944.66	104.62	1587.78	367.65	591.93
1	4.07	-667.72	9.90	1165.20	164.46	521.54
3	0.00	-768.85	280.53	1323.65	266.78	548.30
3	2.04	-751.83	95.34	1297.31	339.93	543.89
3	4.07	-546.60	7.45	969.22	142.60	487.58
5	0.00	-1077.55	89.02	1777.92	112.49	622.89
5	2.04	-1130.22	45.46	1851.00	152.35	634.74
5	4.07	-764.50	6.69	1316.93	82.50	547.17
7	0.00	-1007.61	-80.10	1678.87	52.94	606.79
7	2.04	-1096.44	-14.52	1804.27	59.92	627.16
7	4.07	-726.35	1.48	1257.64	9.62	537.22
9	0.00	-1116.70	16.03	1687.68	16.62	497.58
9	2.04	-1186.60	5.25	1764.45	20.64	510.66
9	4.07	-824.23	-1.16	1329.57	8.88	438.64
10	0.00	-1104.40	-16.03	1673.83	16.62	495.24
10	2.04	-1181.49	-5.25	1758.96	20.64	509.71
10	4.07	-818.00	1.16	1321.29	8.88	437.30
11	0.00	-1125.85	0.08	1697.92	1.72	499.31
11	2.04	-1200.01	-0.81	1778.80	2.55	513.13

11	4.07	-830.52	-0.21	1337.91	1.99	440.00
12	0.00	-1095.26	-0.08	1663.45	1.72	493.50
12	2.04	-1168.07	0.81	1744.44	2.55	507.23
12	4.07	-811.70	0.21	1312.90	1.99	435.94
1	4.07	-626.79	132.37	1092.14	182.59	445.14
1	6.33	-569.85	170.64	1001.09	238.36	430.79
1	8.58	-379.05	98.24	684.07	93.46	378.77
3	4.07	-512.76	124.41	908.15	173.15	415.91
3	6.33	-485.22	168.20	862.73	227.13	408.54
3	8.58	-328.83	95.28	597.60	84.54	363.85
5	4.07	-714.59	51.78	1229.35	69.09	466.40
5	6.33	-593.54	54.89	1039.16	88.55	436.82
5	8.58	-377.94	33.96	682.18	41.57	378.45
7	4.07	-675.81	-25.26	1169.23	37.63	457.13
7	6.33	-529.21	-46.76	935.09	51.10	420.25
7	8.58	-326.77	-24.10	594.03	11.83	363.22
9	4.07	-754.82	5.24	1219.32	8.20	371.01
9	6.33	-637.71	-8.13	1058.30	10.42	347.01
9	8.58	-413.59	-4.69	721.32	3.87	295.70
10	4.07	-748.32	-5.24	1210.66	8.20	369.72
10	6.33	-627.04	8.13	1043.12	10.42	344.74
10	8.58	-405.20	4.69	707.97	3.87	293.61
11	4.07	-760.22	-0.77	1226.50	0.84	372.08
11	6.33	-638.62	-0.16	1059.59	1.01	347.21
11	8.58	-413.01	-0.22	720.40	0.74	295.56
12	4.07	-742.92	0.77	1203.43	0.84	368.65
12	6.33	-626.13	0.16	1041.82	1.01	344.55
12	8.58	-405.78	0.22	708.90	0.74	293.75
1	8.58	-309.96	6.00	562.58	67.40	372.37
1	10.46	-317.79	38.54	576.10	125.82	374.97
3	8.58	-268.39	1.29	490.19	65.88	358.24
3	10.46	-274.71	29.53	501.25	122.80	360.42
5	8.58	-308.51	8.95	560.07	22.52	371.88
5	10.46	-294.52	25.23	535.81	42.33	367.18
7	8.58	-265.70	6.76	485.46	17.47	357.30
7	10.46	-231.51	4.81	425.17	32.25	345.21
9	8.58	-333.22	-0.44	587.44	2.59	287.37
9	10.46	-303.24	-1.73	538.33	5.03	278.60
10	8.58	-326.08	0.44	575.82	2.59	285.31
10	10.46	-292.89	1.73	521.21	5.03	275.51
11	8.58	-332.61	-0.45	586.45	0.14	287.20
11	10.46	-301.22	-0.80	534.99	0.33	278.00
12	8.58	-326.69	0.45	576.80	0.14	285.48
12	10.46	-294.91	0.80	524.55	0.33	276.12

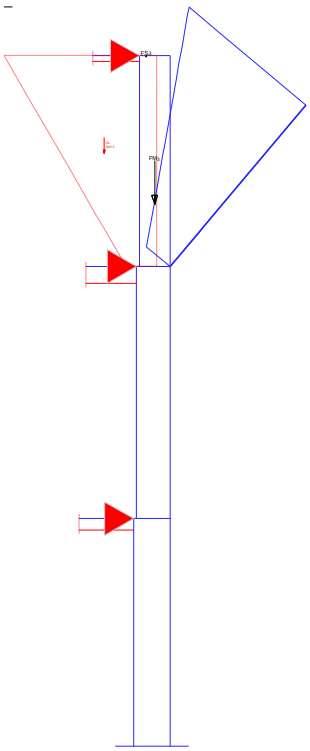
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.13
0.00	4.07	8	SLD	0.46	1.20	2.50
4.07	8.58	6	SLD	0.56	1.34	2.24
8.58	12.35	4	SLD	0.21	0.57	5.22

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.93	3.23
4.07	8.58	2	SLD	0.38	0.90	3.32
4.07	8.58	8	SLD	0.56	1.33	2.26
8.58	12.35	6	SLD	0.38	1.03	2.92

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.44
4.07	8.58	4	SLD	0.37	0.87	3.45
8.58	12.35	2	SLD	0.21	0.58	5.13
8.58	12.35	8	SLD	0.37	1.02	2.94

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

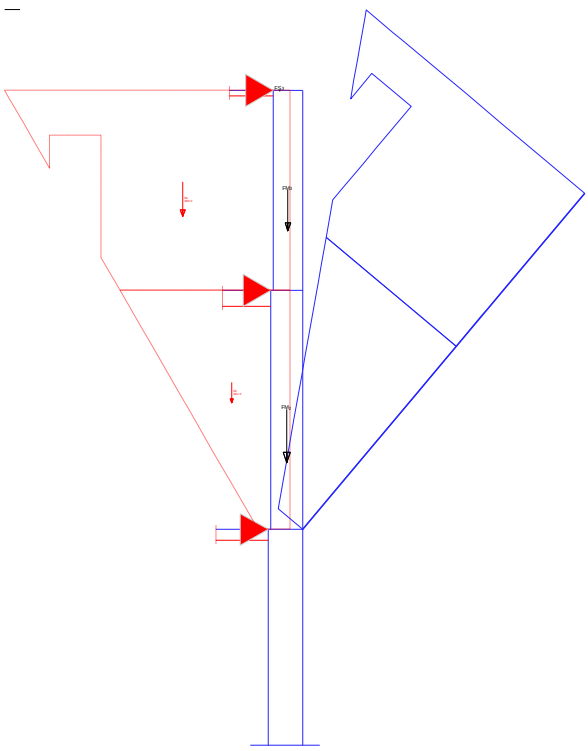


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{320/3}$		58.37	0.61	10.88	Peso ammorsamenti 320/3
FM_3		165.47	-0.05	10.46	Peso maschio piano 3
FS_3		3.48	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=22723.10 <kg>
Frazione di massa partecipante e^*=0.98
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=182.75 <mm>
Domanda di spostamento [C8A.4.11]=121.63 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.5025
Domanda di spostamento amplificata [C8A.4.12]=92.95 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.9660

Ribalt. a z=4.07 ammors. a z=4.07

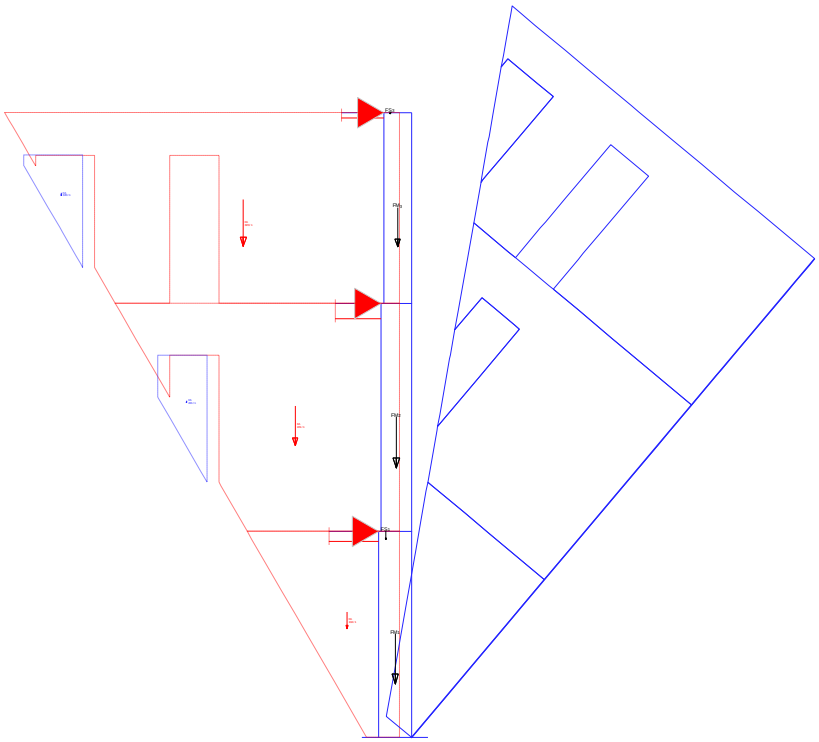


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{221/2}$		81.06	0.77	6.84	Peso ammorsamenti 221/2
$FA_{320/2}$		139.50	1.70	10.62	Peso ammorsamenti 320/2
FM_2		215.94	-0.03	6.33	Peso maschio piano 2
FM_3		165.47	-0.05	10.46	Peso maschio piano 3
FS_3		3.48	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=50974.80 <kg>
Frazione di massa partecipante e^*=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=386.43 <mm>
Domanda di spostamento [C8A.4.11]=181.06 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.1343
Domanda di spostamento amplificata [C8A.4.12]=58.62 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=6.5924

Ribalt. a z=0.00 ammors. a z=0.00

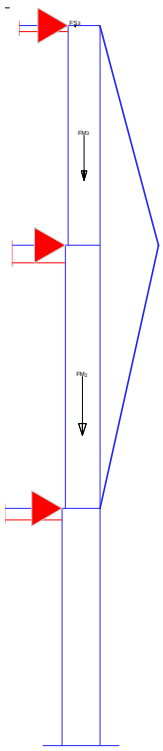


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{134/1}$		70.19	0.71	2.47	Peso ammorsamenti 134/1
$FA_{221/1}$		168.03	1.73	6.54	Peso ammorsamenti 221/1
$FA_{320/1}$		198.36	2.76	10.63	Peso ammorsamenti 320/1
FM_1		211.11	0.00	2.04	Peso maschio piano 1
FM_2		215.94	-0.03	6.33	Peso maschio piano 2
FM_3		165.47	-0.05	10.46	Peso maschio piano 3
$FA_{221/1}$		4.08	3.64	6.64	Peso ammorsamenti 221/1
$FA_{320/1}$		7.08	6.10	10.76	Peso ammorsamenti 320/1
FS_1		34.68	0.18	4.07	Peso solaio piano 1
FS_3		3.48	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=88311.80 <kg>
Frazione di massa partecipante e^*=0.80
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=595.33 <mm>
Domanda di spostamento [C8A.4.11]=191.34 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.1114

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

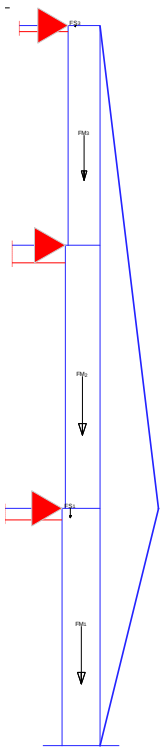


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_2		215.94	-0.03	6.33	Peso maschio piano 2
FM_3		165.47	-0.05	10.46	Peso maschio piano 3
FS_3		3.48	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=38879.10 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=70.97 <mm>
Domanda di spostamento [C8A.4.11]=66.62 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0654
Domanda di spostamento amplificata [C8A.4.12]=69.43 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0222

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

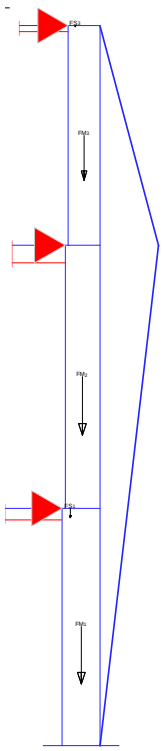


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		211.11	0.00	2.04	Peso maschio piano 1
FM_2		215.94	-0.03	6.33	Peso maschio piano 2
FM_3		165.47	-0.05	10.46	Peso maschio piano 3
FS_1		34.68	0.18	4.07	Peso solaio piano 1
FS_3		3.48	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=54390.80 <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]=76.31 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4605

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

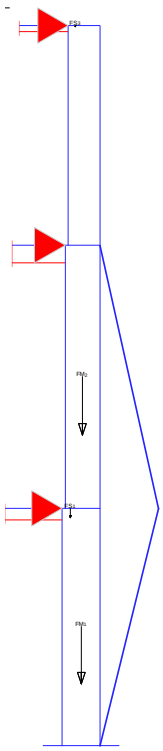


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		211.11	0.00	2.04	Peso maschio piano 1
FM_2		215.94	-0.03	6.33	Peso maschio piano 2
FM_3		165.47	-0.05	10.46	Peso maschio piano 3
FS_1		34.68	0.18	4.07	Peso solaio piano 1
FS_3		3.48	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=54361.50 <kg>
Frazione di massa partecipante e^*=0.85
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=111.57 <mm>
Domanda di spostamento [C8A.4.11]=106.42 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0484

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



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		211.11	0.00	2.04	Peso maschio piano 1
FM_2		215.94	-0.03	6.33	Peso maschio piano 2
FS_1		34.68	0.18	4.07	Peso solaio piano 1
FS_3		3.48	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=42629.30 <kg>
Frazione di massa partecipante e^*=0.90
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=82.37 <mm>
Domanda di spostamento [C8A.4.11]=67.42 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2218

Maschio in muratura ordinaria n. 24

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_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	0.65	3.87	0.03	111	-0.18			0.02	0.00	1.00	5.95	9360.00	2600.00	3900.00	190.13	79.22	118.83
					118	-0.18												
4.07	8.58	0.60	4.21	0.03	204	-0.17			0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.55	3.67		414	-0.15			0.02	0.00	1.00	6.67	9360.00	2600.00	3900.00	190.13	79.22	118.83
					306	-0.15												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-712.04	-41.05	---	---	---	---	---	-7833.15	206.66
							2.04	-708.16	-14.42	---	---	---	---	---	-7833.15	205.67
							4.07	-447.05	10.24	---	---	---	---	---	-7833.15	135.53
3							0.00	-545.33	-40.11	---	---	---	---	---	-7833.15	162.72
							2.04	-570.93	-14.20	---	---	---	---	---	-7833.15	169.64
							4.07	-375.93	7.46	---	---	---	---	---	-7833.15	115.28
5							0.00	-877.77	-33.55	---	---	---	---	---	-7833.15	247.67
							2.04	-796.06	-11.93	---	---	---	---	---	-7833.15	227.79
							4.07	-488.04	11.78	---	---	---	---	---	-7833.15	146.99
7							0.00	-853.12	-26.17	---	---	---	---	---	-7833.15	241.74
							2.04	-734.18	-9.57	---	---	---	---	---	-7833.15	212.30
							4.07	-452.06	10.32	---	---	---	---	---	-7833.15	136.94
9	-478.71	0.02	54.37	0.00	-0.02	0.02	0.00	-875.78	-41.10	0.05	0.06	0.06	0.54	0.68	-3540.50	228.47
							2.04	-809.59	-14.99	---	---	0.02	0.18	0.86	-4474.38	215.13

							4.07	-531.68	9.32	---	---	0.02	0.21	0.84	-4377.62	152.10
10	-479.36	0.02	54.37	0.00	-0.02	0.02	0.00	-872.97	-39.79	0.05	0.06	0.06	0.53	0.68	-3561.16	227.92
							2.04	-799.32	-14.62	---	---	0.02	0.18	0.86	-4474.38	213.00
							4.07	-525.76	9.07	---	---	0.02	0.21	0.84	-4376.98	150.63
11	-483.37	0.02	54.37	0.00	-0.02	0.02	0.00	-888.53	-40.28	0.05	0.06	0.06	0.53	0.68	-3563.75	230.97
							2.04	-815.56	-14.94	---	---	0.02	0.18	0.86	-4474.38	216.36
							4.07	-533.34	9.38	---	---	0.02	0.22	0.84	-4373.07	152.51
12	-474.70	0.02	54.37	0.00	-0.02	0.02	0.00	-860.22	-40.61	0.05	0.06	0.06	0.54	0.68	-3537.42	225.39
							2.04	-793.35	-14.67	---	---	0.02	0.18	0.86	-4474.38	211.75
							4.07	-524.10	9.01	---	---	0.02	0.21	0.84	-4381.60	150.22
1							4.07	-366.19	10.20	---	---	---	---	---	-7230.60	103.31
							6.33	-344.89	-3.46	---	---	---	---	---	-7230.60	97.66
							8.58	-200.96	1.43	---	---	---	---	---	-7230.60	58.32
3							4.07	-297.39	7.65	---	---	---	---	---	-7230.60	84.90
							6.33	-326.53	-1.08	---	---	---	---	---	-7230.60	92.76
							8.58	-184.99	0.69	---	---	---	---	---	-7230.60	53.83
5							4.07	-443.42	11.38	---	---	---	---	---	-7230.60	123.43
							6.33	-308.50	-6.10	---	---	---	---	---	-7230.60	87.90
							8.58	-197.24	1.71	---	---	---	---	---	-7230.60	57.27
7							4.07	-440.81	9.83	---	---	---	---	---	-7230.60	122.76
							6.33	-258.95	-5.98	---	---	---	---	---	-7230.60	74.41
							8.58	-178.09	1.21	---	---	---	---	---	-7230.60	51.88
9	-188.00	0.03	0.00	0.00	0.00	0.05	4.07	-478.71	9.28	-0.02	0.04	0.04	0.42	0.71	-3415.51	126.83
							6.33	-382.05	-3.33	---	---	0.02	0.23	0.81	-3893.73	103.93
							8.58	-242.16	-0.03	---	---	0.05	0.46	0.69	-3325.55	68.35
10	-190.77	0.03	0.00	0.00	0.00	0.05	4.07	-479.36	9.01	-0.02	0.04	0.04	0.42	0.71	-3429.93	126.98
							6.33	-375.22	-3.33	---	---	0.02	0.23	0.81	-3893.73	102.26
							8.58	-240.12	0.06	---	---	0.05	0.46	0.69	-3325.55	67.81
11	-186.99	0.03	0.00	0.00	0.00	0.05	4.07	-483.37	9.34	-0.02	0.04	0.04	0.42	0.71	-3417.16	127.90
							6.33	-378.62	-3.55	---	---	0.02	0.23	0.81	-3893.73	103.09
							8.58	-239.16	0.04	---	---	0.05	0.46	0.69	-3325.55	67.56
12	-191.78	0.03	0.00	0.00	0.00	0.05	4.07	-474.70	8.95	-0.02	0.04	0.04	0.42	0.71	-3428.40	125.91
							6.33	-378.65	-3.11	---	---	0.02	0.23	0.81	-3893.73	103.10
							8.58	-243.12	-0.01	---	---	0.05	0.46	0.69	-3325.55	68.61
1							8.58	-164.06	1.89	---	---	---	---	---	-6628.05	43.80
							10.46	-151.09	-2.15	---	---	---	---	---	-6628.05	40.44
3							8.58	-142.07	1.22	---	---	---	---	---	-6628.05	38.09
							10.46	-118.02	0.51	---	---	---	---	---	-6628.05	31.78
5							8.58	-173.70	2.29	---	---	---	---	---	-6628.05	46.29
							10.46	-178.03	-4.94	---	---	---	---	---	-6628.05	47.41
7							8.58	-159.98	1.97	---	---	---	---	---	-6628.05	42.74
							10.46	-168.05	-4.66	---	---	---	---	---	-6628.05	44.84
9	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-188.00	1.27	---	---	0.02	0.20	0.83	-3669.49	49.11
							10.46	-174.81	-0.60	---	---	0.09	0.94	0.54	-2367.17	45.84
10	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-190.77	1.34	---	---	0.02	0.20	0.83	-3669.49	49.80
							10.46	-177.11	-0.63	---	---	0.09	0.94	0.54	-2367.17	46.41
11	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-186.99	1.34	---	---	0.02	0.20	0.83	-3669.49	48.86
							10.46	-172.70	-0.79	---	---	0.09	0.94	0.54	-2367.17	45.31
12	0.00	0.00	3.82	0.00	-0.15	0.17	8.58	-191.78	1.27	---	---	0.02	0.20	0.83	-3669.49	50.05
							10.46	-179.22	-0.44	---	---	0.09	0.94	0.54	-2367.17	46.93

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-712.04	0.00	982.45	200.56	380.33
1	2.04	-708.16	0.00	977.74	209.32	379.56
1	4.07	-447.05	0.00	644.31	106.23	323.01
3	0.00	-545.33	-0.00	773.53	132.64	345.38
3	2.04	-570.93	-0.00	806.46	135.76	350.98
3	4.07	-375.93	0.00	548.01	38.65	305.80
5	0.00	-877.77	0.00	1177.37	163.18	412.15
5	2.04	-796.06	0.00	1082.87	174.35	396.79
5	4.07	-488.04	0.00	698.76	134.37	332.52
7	0.00	-853.12	0.00	1149.18	63.22	407.58
7	2.04	-734.18	0.00	1009.23	70.83	384.74
7	4.07	-452.06	0.00	651.02	90.91	324.19
9	0.00	-875.78	0.00	1086.11	10.49	324.00
9	2.04	-809.59	0.00	1022.68	10.43	313.47
9	4.07	-531.68	0.00	723.06	4.19	264.71
10	0.00	-872.97	0.00	1083.49	10.49	323.56
10	2.04	-799.32	-0.00	1012.57	10.43	311.80
10	4.07	-525.76	-0.00	716.08	4.19	263.57
11	0.00	-888.53	0.00	1097.99	6.47	325.99
11	2.04	-815.56	0.00	1028.53	7.01	314.43
11	4.07	-533.34	0.00	725.00	6.31	265.03
12	0.00	-860.22	-0.00	1071.47	6.47	321.55
12	2.04	-793.35	-0.00	1006.65	7.01	310.83
12	4.07	-524.10	-0.00	714.13	6.31	263.25

1	4.07	-366.19	0.00	532.06	143.20	263.83
1	6.33	-344.89	0.00	502.95	166.18	258.99
1	8.58	-200.96	0.00	300.33	82.04	223.60
3	4.07	-297.39	-0.00	437.24	102.57	247.87
3	6.33	-326.53	0.00	477.69	124.21	254.75
3	8.58	-184.99	-0.00	277.21	44.56	219.32
5	4.07	-443.42	0.00	635.65	104.59	280.66
5	6.33	-308.50	0.00	452.71	113.51	250.52
5	8.58	-197.24	0.00	294.96	81.46	222.61
7	4.07	-440.81	0.00	632.21	30.86	280.11
7	6.33	-258.95	0.00	383.23	26.39	238.49
7	8.58	-178.09	0.00	267.17	43.48	217.44
9	4.07	-478.71	-0.00	653.20	5.55	222.48
9	6.33	-382.05	0.00	535.23	6.23	204.57
9	8.58	-242.16	0.00	352.02	2.53	175.44
10	4.07	-479.36	0.00	653.97	5.55	222.59
10	6.33	-375.22	-0.00	526.63	6.23	203.25
10	8.58	-240.12	-0.00	349.25	2.53	174.98
11	4.07	-483.37	0.00	658.71	3.46	223.31
11	6.33	-378.62	-0.00	530.91	3.53	203.91
11	8.58	-239.16	-0.00	347.93	3.01	174.77
12	4.07	-474.70	-0.00	648.45	3.46	221.76
12	6.33	-378.65	0.00	530.96	3.53	203.91
12	8.58	-243.12	0.00	353.33	3.01	175.66
1	8.58	-164.06	0.00	246.09	58.68	228.91
1	10.46	-151.09	0.00	227.17	93.77	224.81
3	8.58	-142.07	0.00	213.97	41.09	221.93
3	10.46	-118.02	-0.00	178.52	75.58	214.03
5	8.58	-173.70	0.00	260.09	44.29	231.90
5	10.46	-178.03	0.00	266.36	55.72	233.23
7	8.58	-159.98	0.00	240.15	14.36	227.63
7	10.46	-168.05	0.00	251.89	4.92	230.15
9	8.58	-188.00	-0.00	275.92	1.83	175.48
9	10.46	-174.81	-0.00	257.51	3.30	171.85
10	8.58	-190.77	0.00	279.77	1.83	176.23
10	10.46	-177.11	0.00	260.73	3.30	172.49
11	8.58	-186.99	-0.00	274.51	1.35	175.20
11	10.46	-172.70	-0.00	254.55	1.46	171.26
12	8.58	-191.78	0.00	281.17	1.35	176.50
12	10.46	-179.22	0.00	263.68	1.46	173.07

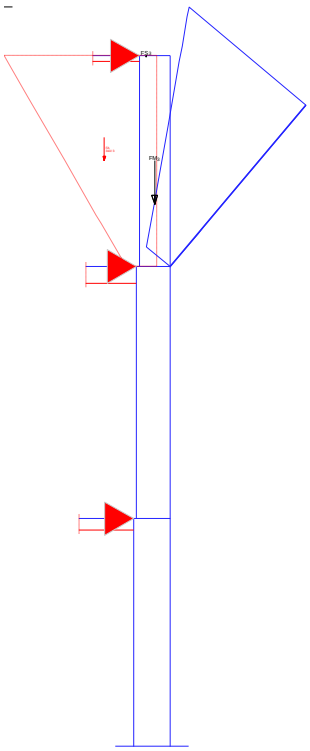
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.12
0.00	4.07	8	SLD	0.46	1.19	2.52
4.07	8.58	6	SLD	0.55	1.31	2.30
8.58	12.35	4	SLD	0.21	0.57	5.23

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.93	3.24
4.07	8.58	2	SLD	0.38	0.90	3.34
4.07	8.58	8	SLD	0.55	1.30	2.31
8.58	12.35	6	SLD	0.38	1.05	2.87

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.45
4.07	8.58	4	SLD	0.37	0.87	3.45
8.58	12.35	2	SLD	0.22	0.59	5.06
8.58	12.35	8	SLD	0.38	1.03	2.90

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

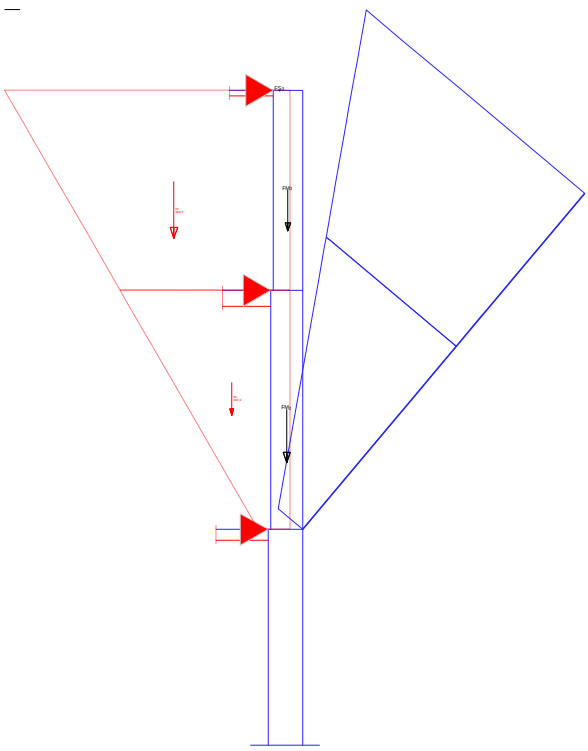


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{310/3}$		71.34	0.61	10.88	Peso ammorsamenti 310/3
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^*=20872.30 <kg>
Frazione di massa partecipante e^*=0.98
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=205.37 <mm>
Domanda di spostamento [C8A.4.11]=122.53 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6760
Domanda di spostamento amplificata [C8A.4.12]=93.39 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.1990

Ribalt. a z=4.07 ammors. a z=4.07

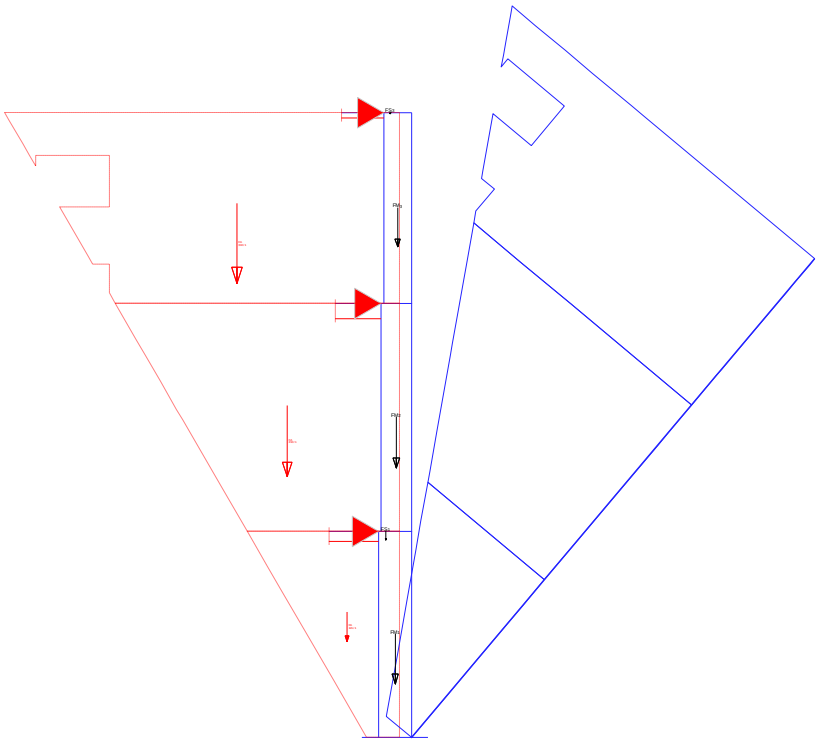


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{210/2}$		108.08	0.77	6.84	Peso ammorsamenti 210/2
$FA_{310/2}$		186.90	1.87	10.62	Peso ammorsamenti 310/2
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^*=51867.60 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=486.84 <mm>
Domanda di spostamento [C8A.4.11]=183.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.6492
Domanda di spostamento amplificata [C8A.4.12]=59.29 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=8.2119

Ribalt. a z=0.00 ammors. a z=0.00

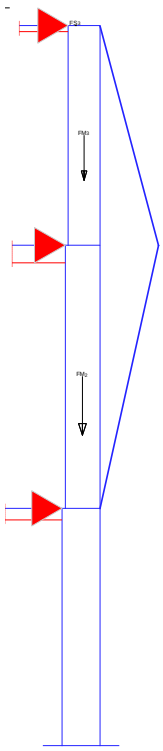


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{121/1}$		101.38	0.71	2.47	Peso ammorsamenti 121/1
$FA_{210/1}$		244.45	1.89	6.55	Peso ammorsamenti 210/1
$FA_{310/1}$		275.41	2.88	10.55	Peso ammorsamenti 310/1
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^*=94698.40 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=728.17 <mm>
Domanda di spostamento [C8A.4.11]=191.30 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.8064

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

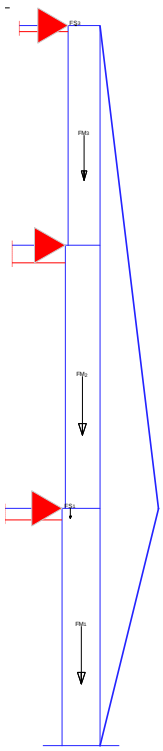


Elenco forze agenti

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]=69.44 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0247

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

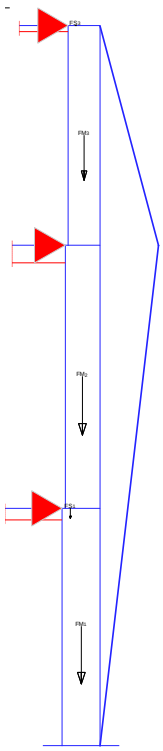


Elenco forze agenti

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

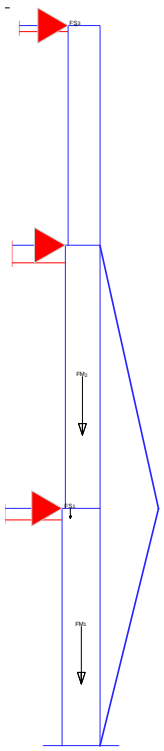


Elenco forze agenti

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 cinematismo 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. 25

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>	$F_{d\ SLV}$ <kN/mq>	F_{VK0} <kN/mq>	$F_{td\ SLU}$ <kN/mq>	$F_{td\ SLV}$ <kN/mq>
0.00	4.07	0.60	3.87	0.00	100	-0.17			0.02	5.58	0.81	5.21	9360.00	2600.00	3900.00	190.13	79.22	118.83
					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	9360.00	2600.00	3900.00	190.13	79.22	118.83
					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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-1557.13	-80.19	---	---	---	---	---	-15686.80	412.59
							2.04	-1366.26	-38.56	---	---	---	---	---	-15686.80	367.88
							4.07	-1180.40	32.85	---	---	---	---	---	-15686.80	322.77
3							0.00	-1429.75	-69.21	---	---	---	---	---	-15686.80	382.93
							2.04	-1276.19	-35.87	---	---	---	---	---	-15686.80	346.21
							4.07	-1131.42	30.21	---	---	---	---	---	-15686.80	310.63
5							0.00	-1450.14	-90.55	---	---	---	---	---	-15686.80	387.73
							2.04	-1279.18	-39.67	---	---	---	---	---	-15686.80	346.94
							4.07	-1109.71	30.06	---	---	---	---	---	-15686.80	305.20
7							0.00	-1231.07	-88.45	---	---	---	---	---	-15686.80	335.22
							2.04	-1114.47	-37.94	---	---	---	---	---	-15686.80	306.40
							4.07	-1000.14	25.01	---	---	---	---	---	-15686.80	277.54

9	-1226.70	0.00	118.59	0.00	-0.01	0.03	0.00	-1557.92	-99.68	0.06	0.08	0.08	0.81	0.61	-6342.51	385.46
							2.04	-1474.90	-48.39	---	---	0.02	0.19	0.87	-9046.20	369.06
							4.07	-1408.26	32.46	---	---	0.03	0.34	0.79	-8242.14	355.55
10	-1239.94	0.00	118.59	0.00	-0.01	0.03	0.00	-1595.33	-98.94	0.06	0.08	0.08	0.79	0.61	-6410.79	392.71
							2.04	-1500.87	-49.35	---	---	0.02	0.19	0.87	-9046.20	374.24
							4.07	-1423.61	33.09	---	---	0.03	0.34	0.79	-8249.98	358.69
11	-1232.18	0.00	118.59	0.00	-0.01	0.03	0.00	-1565.61	-98.33	0.06	0.08	0.08	0.80	0.61	-6382.87	386.96
							2.04	-1480.42	-48.64	---	---	0.02	0.19	0.87	-9046.20	370.16
							4.07	-1412.37	32.55	---	---	0.03	0.34	0.79	-8245.41	356.39
12	-1234.45	0.00	118.59	0.00	-0.01	0.03	0.00	-1587.65	-100.29	0.06	0.08	0.08	0.80	0.61	-6371.31	391.23
							2.04	-1495.35	-49.10	---	---	0.02	0.19	0.87	-9046.20	373.14
							4.07	-1419.50	33.00	---	---	0.03	0.34	0.79	-8246.75	357.85
1							4.07	-1025.01	33.80	---	---	---	---	---	-15686.80	283.87
							6.33	-682.53	-10.60	---	---	---	---	---	-15686.80	194.28
							8.58	-538.25	2.95	---	---	---	---	---	-15686.80	154.96
3							4.07	-1004.18	30.99	---	---	---	---	---	-15686.80	278.56
							6.33	-642.29	-9.94	---	---	---	---	---	-15686.80	183.40
							8.58	-523.12	2.16	---	---	---	---	---	-15686.80	150.78
5							4.07	-936.93	33.74	---	---	---	---	---	-15686.80	261.33
							6.33	-715.68	-5.72	---	---	---	---	---	-15686.80	203.18
							8.58	-525.42	2.62	---	---	---	---	---	-15686.80	151.42
7							4.07	-840.60	30.89	---	---	---	---	---	-15686.80	236.28
							6.33	-703.85	-0.87	---	---	---	---	---	-15686.80	200.01
							8.58	-499.30	1.56	---	---	---	---	---	-15686.80	144.18
9	-540.21	0.02	146.67	0.00	-0.04	0.04	4.07	-1226.70	39.28	-0.03	0.05	0.05	0.51	0.70	-7354.03	317.22
							6.33	-960.03	-2.09	---	---	0.02	0.21	0.86	-8947.23	256.90
							8.58	-760.26	2.15	---	---	0.04	0.37	0.77	-8067.19	208.57
10	-533.63	0.02	146.67	0.00	-0.04	0.04	4.07	-1239.94	39.71	-0.03	0.05	0.05	0.51	0.70	-7347.06	320.10
							6.33	-959.94	-3.05	---	---	0.02	0.21	0.86	-8947.23	256.88
							8.58	-754.76	2.16	---	---	0.04	0.38	0.77	-8045.53	207.20
11	-537.83	0.02	146.67	0.00	-0.04	0.04	4.07	-1232.18	39.26	-0.03	0.05	0.05	0.51	0.70	-7356.93	318.41
							6.33	-957.37	-2.52	---	---	0.02	0.21	0.86	-8947.23	256.28
							8.58	-756.83	2.22	---	---	0.04	0.37	0.77	-8059.40	207.72
12	-536.01	0.02	146.67	0.00	-0.04	0.04	4.07	-1234.45	39.73	-0.03	0.05	0.05	0.51	0.70	-7344.20	318.91
							6.33	-962.60	-2.63	---	---	0.02	0.21	0.86	-8947.23	257.51
							8.58	-758.20	2.08	---	---	0.04	0.38	0.77	-8053.42	208.06
1							8.58	-420.46	2.21	---	---	---	---	---	-4916.08	103.99
							10.46	-318.54	-10.13	---	---	---	---	---	-4916.08	80.92
3							8.58	-412.31	1.73	---	---	---	---	---	-4916.08	102.20
							10.46	-313.11	-10.02	---	---	---	---	---	-4916.08	79.65
5							8.58	-389.82	2.10	---	---	---	---	---	-4916.08	97.20
							10.46	-268.66	-3.98	---	---	---	---	---	-4916.08	69.13
7							8.58	-355.40	1.52	---	---	---	---	---	-4916.08	89.42
							10.46	-220.48	1.41	---	---	---	---	---	-4916.08	57.43
9	0.00	0.00	47.61	0.00	-0.15	0.17	8.58	-540.21	2.17	-0.00	0.09	0.09	0.98	0.55	-1786.61	119.75
							10.46	-380.33	-1.11	---	---	0.09	0.94	0.56	-1832.56	90.31
10	0.00	0.00	47.61	0.00	-0.15	0.17	8.58	-533.63	2.20	-0.00	0.09	0.09	0.98	0.54	-1785.45	118.64
							10.46	-372.03	-1.84	---	---	0.09	0.94	0.56	-1832.56	88.65
11	0.00	0.00	47.61	0.00	-0.15	0.17	8.58	-537.83	2.22	-0.00	0.09	0.09	0.98	0.54	-1785.25	119.35
							10.46	-376.41	-1.47	---	---	0.09	0.94	0.56	-1832.56	89.53
12	0.00	0.00	47.61	0.00	-0.15	0.17	8.58	-536.01	2.14	-0.00	0.09	0.09	0.98	0.55	-1786.82	119.04
							10.46	-375.95	-1.48	---	---	0.09	0.94	0.56	-1832.56	89.43

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-1557.13	127.74	4609.79	205.86	986.25
1	2.04	-1366.26	170.41	4110.28	229.76	938.86
1	4.07	-1180.40	200.68	3606.29	239.45	890.29
3	0.00	-1429.75	-30.64	4278.48	54.39	954.88
3	2.04	-1276.19	35.16	3868.20	36.43	915.64
3	4.07	-1131.42	31.35	3470.59	20.66	877.05
5	0.00	-1450.14	278.54	4332.06	456.46	959.97
5	2.04	-1279.18	256.25	3876.32	472.65	916.43
5	4.07	-1109.71	317.02	3410.03	466.33	871.11
7	0.00	-1231.07	249.40	3745.41	411.02	903.79
7	2.04	-1114.47	194.59	3423.34	414.65	872.42
7	4.07	-1000.14	247.41	3100.89	400.69	840.51
9	0.00	-1557.92	-2.85	4306.76	4.97	773.27
9	2.04	-1474.90	-5.86	4123.43	6.09	755.97
9	4.07	-1408.26	-7.52	3972.50	6.67	741.79
10	0.00	-1595.33	2.85	4387.67	4.97	780.94
10	2.04	-1500.87	5.86	4181.34	6.09	761.42
10	4.07	-1423.61	7.52	4007.56	6.67	745.08
11	0.00	-1565.61	13.53	4323.47	27.12	774.85
11	2.04	-1480.42	9.99	4135.77	26.54	757.13
11	4.07	-1412.37	11.17	3981.91	24.80	742.67
12	0.00	-1587.65	-13.53	4371.13	27.12	779.37

12	2.04	-1495.35	-9.99	4169.07	26.54	760.27
12	4.07	-1419.50	-11.17	3998.18	24.80	744.20
1	4.07	-1025.01	172.59	3171.60	197.28	847.56
1	6.33	-682.53	186.47	2170.65	207.68	744.76
1	8.58	-538.25	151.57	1731.32	179.07	696.92
3	4.07	-1004.18	-37.21	3112.38	36.09	841.66
3	6.33	-642.29	111.99	2049.16	45.96	731.73
3	8.58	-523.12	75.80	1684.62	14.18	691.71
5	4.07	-936.93	369.96	2919.81	413.13	822.35
5	6.33	-715.68	168.89	2270.12	447.00	755.32
5	8.58	-525.42	160.39	1691.76	346.81	692.51
7	4.07	-840.60	329.35	2639.95	364.78	793.86
7	6.33	-703.85	79.36	2234.69	398.48	751.57
7	8.58	-499.30	92.18	1610.91	297.35	683.43
9	4.07	-1226.70	-5.24	3544.32	4.70	701.71
9	6.33	-960.03	-7.97	2870.36	4.64	638.30
9	8.58	-760.26	-5.83	2330.36	4.59	586.33
10	4.07	-1239.94	5.24	3576.39	4.70	704.71
10	6.33	-959.94	7.97	2870.12	4.64	638.28
10	8.58	-754.76	5.83	2315.06	4.59	584.83
11	4.07	-1232.18	14.05	3557.61	18.56	702.96
11	6.33	-957.37	-7.21	2863.36	19.10	637.64
11	8.58	-756.83	-7.10	2320.81	14.21	585.39
12	4.07	-1234.45	-14.05	3563.12	18.56	703.47
12	6.33	-962.60	7.21	2877.11	19.10	638.94
12	8.58	-758.20	7.10	2324.61	14.21	585.76
1	8.58	-420.46	108.07	1267.53	81.25	292.26
1	10.46	-318.54	165.19	986.33	78.16	264.86
3	8.58	-412.31	66.72	1245.64	51.40	290.16
3	10.46	-313.11	58.92	970.86	49.07	263.32
5	8.58	-389.82	95.15	1184.75	225.56	284.30
5	10.46	-268.66	210.74	842.63	216.42	250.36
7	8.58	-355.40	42.71	1089.95	216.61	275.08
7	10.46	-220.48	143.50	700.01	207.69	235.50
9	8.58	-540.21	-4.56	1459.59	0.86	252.82
9	10.46	-380.33	-5.45	1100.77	0.79	218.98
10	8.58	-533.63	4.56	1446.02	0.86	251.51
10	10.46	-372.03	5.45	1080.47	0.79	217.07
11	8.58	-537.83	-4.15	1454.69	8.86	252.34
11	10.46	-376.41	-8.68	1091.19	8.46	218.08
12	8.58	-536.01	4.15	1450.95	8.86	251.99
12	10.46	-375.95	8.68	1090.09	8.46	217.98

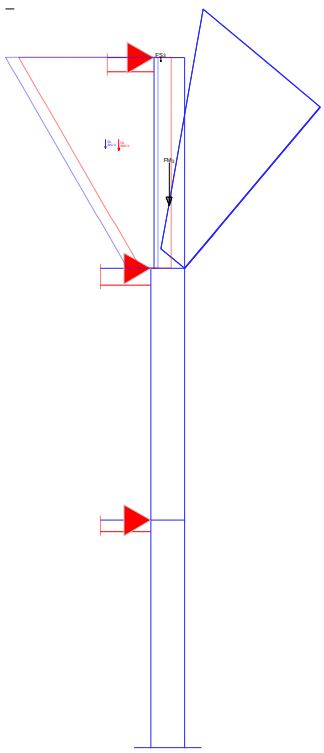
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.16
0.00	4.07	8	SLD	0.47	1.22	2.46
4.07	8.58	6	SLD	0.56	1.32	2.27
8.58	12.35	4	SLD	0.22	0.61	4.89

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	0.38	0.90	3.33
4.07	8.58	8	SLD	0.55	1.30	2.30
8.58	12.35	6	SLD	0.42	1.18	2.54

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.49	1.26	2.38
4.07	8.58	4	SLD	0.36	0.87	3.46
8.58	12.35	2	SLD	0.22	0.62	4.84
8.58	12.35	8	SLD	0.41	1.18	2.54

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

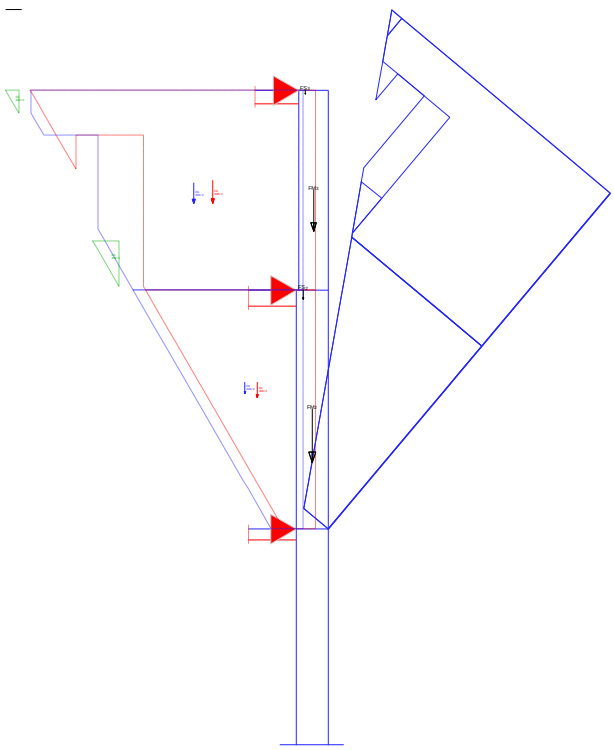


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{309/3}$		71.34	0.64	10.88	Peso ammorsamenti 309/3
$FA_{315/3}$		58.37	0.64	10.88	Peso ammorsamenti 315/3
FM_3		291.90	-0.03	10.46	Peso maschio piano 3
FS_3		24.93	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=43586.30 <kg>
Frazione di massa partecipante e^*=0.96
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=199.12 <mm>
Domanda di spostamento [C8A.4.11]=124.37 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6010
Domanda di spostamento amplificata [C8A.4.12]=68.78 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.8950

Ribalt. a z=4.07 ammors. a z=4.07

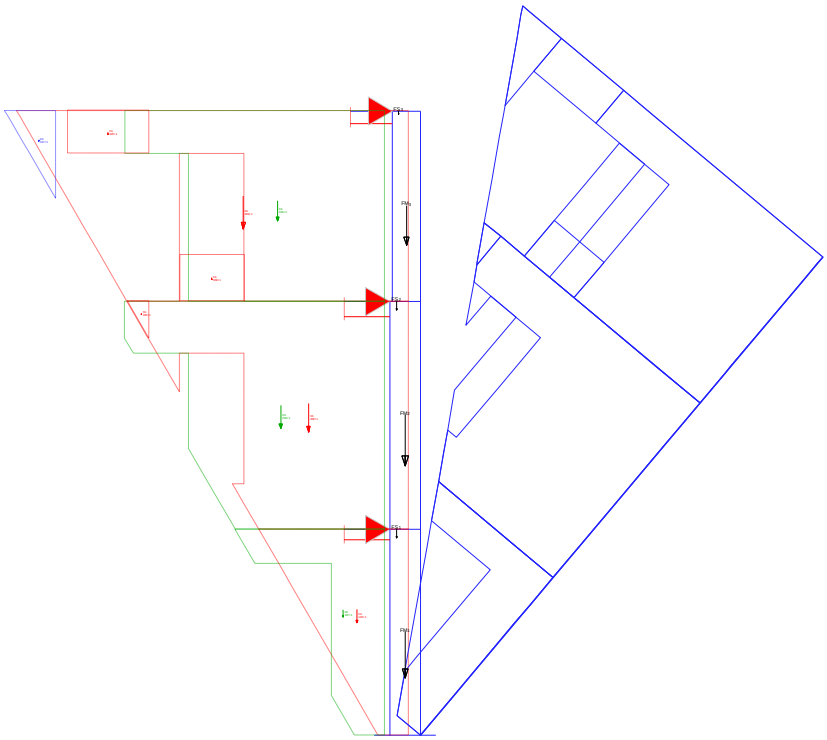


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{209/2}$		108.08	0.80	6.84	Peso ammorsamenti 209/2
$FA_{309/2}$		161.04	1.64	10.64	Peso ammorsamenti 309/2
$FA_{216/2}$		81.06	0.80	6.84	Peso ammorsamenti 216/2
$FA_{315/2}$		143.89	1.76	10.60	Peso ammorsamenti 315/2
FM_2		380.95	0.00	6.33	Peso maschio piano 2
FM_3		291.90	-0.03	10.46	Peso maschio piano 3
$FA_{309/2}$		1.34	3.10	9.21	Peso ammorsamenti 309/2
$FA_{325/2}$		0.46	4.91	12.21	Peso ammorsamenti 325/2
FS_2		65.34	0.17	8.58	Peso solaio piano 2
FS_3		24.93	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=107265.00 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=403.05 <mm>
Domanda di spostamento [C8A.4.11]=183.04 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.2020
Domanda di spostamento amplificata [C8A.4.12]=44.34 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=9.0899

Ribalt. a z=0.00 ammors. a z=0.00

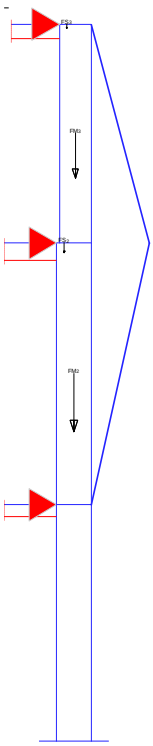


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{120/1}$		98.61	0.72	2.48	Peso ammorsamenti 120/1
$FA_{209/1}$		212.04	1.67	6.56	Peso ammorsamenti 209/1
$FA_{309/1}$		246.04	2.96	10.66	Peso ammorsamenti 309/1
$FA_{317/1}$		7.28	6.76	11.77	Peso ammorsamenti 317/1
$FA_{127/1}$		49.65	0.52	2.47	Peso ammorsamenti 127/1
$FA_{216/1}$		170.03	1.75	6.52	Peso ammorsamenti 216/1
$FA_{315/1}$		148.00	1.81	10.56	Peso ammorsamenti 315/1
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
$FA_{225/1}$		1.31	4.97	8.34	Peso ammorsamenti 225/1
$FA_{309/1}$		7.42	3.58	9.04	Peso ammorsamenti 309/1
$FA_{325/1}$		11.42	5.63	11.93	Peso ammorsamenti 325/1
FS_1		64.43	0.17	4.07	Peso solaio piano 1
FS_2		65.34	0.17	8.58	Peso solaio piano 2
FS_3		24.93	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=177263.00 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=585.54 <mm>
Domanda di spostamento [C8A.4.11]=191.32 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.0605

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

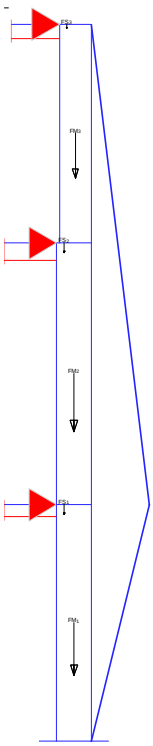


Elenco forze agenti

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		65.34	0.17	8.58	Peso solaio piano 2
FS_3		24.93	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=70451.80 <kg>
Frazione di massa partecipante e^*=0.91
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=75.57 <mm>
Domanda di spostamento [C8A.4.11]=70.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0677
Domanda di spostamento amplificata [C8A.4.12]=46.53 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6240

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

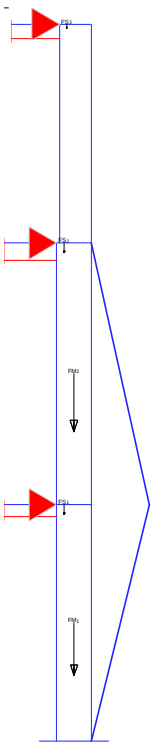


Elenco forze agenti

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		65.34	0.17	8.58	Peso solaio piano 2
FS_3		24.93	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=99529.50 <kg>
Frazione di massa partecipante e^*=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=103.17 <mm>
Domanda di spostamento [C8A.4.11]=74.73 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.3807

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		65.34	0.17	8.58	Peso solaio piano 2
FS_3		24.93	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=63865.80 <kg>
Frazione di massa partecipante e^*=0.71
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=77.22 <mm>
Domanda di spostamento [C8A.4.11]=56.04 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.3779

Maschio in muratura ordinaria n. 26

Xg=0.30 <m> Yg=10.40 <m> L=4.92 <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	0.60	3.87	0.00	101	-0.17			0.02	0.00	1.00	6.45	9360.00	2600.00	3900.00	190.13	79.22	118.83
					113	-0.17												
4.07	8.58	0.60	4.21	0.03	202	-0.17			0.02	0.00	1.00	7.02	9360.00	2600.00	3900.00	190.13	79.22	118.83
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 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-1185.52	-48.13	---	---	---	---	---	-11507.00	312.55
							2.04	-995.05	-18.12	---	---	---	---	---	-11507.00	268.14
							4.07	-811.95	20.01	---	---	---	---	---	-11507.00	223.36
3							0.00	-1067.61	-38.53	---	---	---	---	---	-11507.00	285.32
							2.04	-914.79	-16.09	---	---	---	---	---	-11507.00	248.77
							4.07	-774.12	16.81	---	---	---	---	---	-11507.00	213.85
5							0.00	-1136.10	-58.89	---	---	---	---	---	-11507.00	301.24
							2.04	-947.59	-19.51	---	---	---	---	---	-11507.00	256.74
							4.07	-758.88	19.12	---	---	---	---	---	-11507.00	210.00
7							0.00	-975.84	-58.50	---	---	---	---	---	-11507.00	263.54
							2.04	-826.66	-18.67	---	---	---	---	---	-11507.00	227.04
							4.07	-675.57	15.16	---	---	---	---	---	-11507.00	188.67
9	-779.92	0.00	106.28	0.00	-0.02	0.04	0.00	-1231.16	-63.20	0.05	0.07	0.07	0.71	0.61	-4706.64	299.61
							2.04	-1091.04	-22.64	---	---	0.02	0.20	0.84	-6417.43	272.55

							4.07	-961.00	17.44	---	---	0.04	0.39	0.73	-5638.42	245.81
10	-789.92	0.00	106.28	0.00	-0.02	0.04	0.00	-1258.47	-63.13	0.05	0.07	0.07	0.70	0.62	-4738.13	304.68
							2.04	-1110.34	-23.32	---	---	0.02	0.20	0.84	-6421.87	276.38
							4.07	-972.61	18.01	---	---	0.04	0.39	0.74	-5647.29	248.26
11	-785.40	0.00	106.28	0.00	-0.02	0.04	0.00	-1254.97	-64.03	0.05	0.07	0.07	0.71	0.61	-4715.89	304.03
							2.04	-1107.30	-23.14	---	---	0.02	0.20	0.84	-6419.87	275.78
							4.07	-969.43	17.98	---	---	0.04	0.39	0.74	-5643.30	247.59
12	-784.45	0.00	106.28	0.00	-0.02	0.04	0.00	-1234.67	-62.30	0.05	0.07	0.07	0.70	0.62	-4729.32	300.26
							2.04	-1094.08	-22.81	---	---	0.02	0.20	0.84	-6419.45	273.15
							4.07	-964.17	17.47	---	---	0.04	0.39	0.74	-5642.46	246.48
1							4.07	-673.87	18.25	---	---	---	---	---	-11507.00	188.23
							6.33	-518.33	13.04	---	---	---	---	---	-11507.00	147.26
							8.58	-338.86	-5.45	---	---	---	---	---	-11507.00	98.14
3							4.07	-659.50	15.26	---	---	---	---	---	-11507.00	184.51
							6.33	-499.17	11.27	---	---	---	---	---	-11507.00	142.11
							8.58	-331.43	-3.52	---	---	---	---	---	-11507.00	96.06
5							4.07	-603.54	19.39	---	---	---	---	---	-11507.00	169.89
							6.33	-511.62	7.20	---	---	---	---	---	-11507.00	145.46
							8.58	-342.29	-4.57	---	---	---	---	---	-11507.00	99.09
7							4.07	-528.89	17.38	---	---	---	---	---	-11507.00	150.09
							6.33	-486.70	0.42	---	---	---	---	---	-11507.00	138.75
							8.58	-337.81	-1.90	---	---	---	---	---	-11507.00	97.84
9	-350.57	0.02	107.59	0.00	-0.04	0.04	4.07	-779.92	19.89	-0.03	0.05	0.05	0.46	0.69	-5286.67	205.99
							6.33	-701.30	2.11	---	---	0.02	0.21	0.82	-6274.14	187.76
							8.58	-511.40	0.01	---	---	0.04	0.41	0.71	-5476.00	141.39
10	-348.91	0.02	107.59	0.00	-0.04	0.04	4.07	-789.92	20.27	-0.03	0.05	0.05	0.46	0.69	-5277.45	208.27
							6.33	-703.86	0.84	---	---	0.02	0.21	0.82	-6274.14	188.37
							8.58	-509.79	0.26	---	---	0.04	0.42	0.71	-5469.53	140.98
11	-347.40	0.02	107.59	0.00	-0.04	0.04	4.07	-785.40	20.33	-0.03	0.05	0.05	0.47	0.69	-5265.81	207.24
							6.33	-703.40	1.46	---	---	0.02	0.21	0.82	-6274.14	188.26
							8.58	-509.78	-0.02	---	---	0.04	0.42	0.71	-5463.62	140.98
12	-352.07	0.02	107.59	0.00	-0.04	0.04	4.07	-784.45	19.84	-0.03	0.05	0.05	0.46	0.69	-5298.25	207.02
							6.33	-701.75	1.48	---	---	0.02	0.21	0.82	-6274.14	187.87
							8.58	-511.41	0.29	---	---	0.04	0.41	0.71	-5481.83	141.39
1							8.58	-258.96	-4.93	---	---	---	---	---	-3606.17	65.20
							10.46	-218.48	-10.54	---	---	---	---	---	-3606.17	55.80
3							8.58	-234.04	-3.05	---	---	---	---	---	-3606.17	59.45
							10.46	-198.97	-9.70	---	---	---	---	---	-3606.17	51.17
5							8.58	-282.70	-4.57	---	---	---	---	---	-3606.17	70.57
							10.46	-228.26	-5.24	---	---	---	---	---	-3606.17	58.10
7							8.58	-278.14	-2.38	---	---	---	---	---	-3606.17	69.55
							10.46	-217.13	0.14	---	---	---	---	---	-3606.17	55.48
9	0.00	0.00	34.93	0.00	-0.15	0.17	8.58	-350.57	-0.47	---	---	0.02	0.19	0.84	-2020.50	79.87
							10.46	-290.87	-1.26	0.00	0.09	0.09	0.98	0.53	-1267.97	68.60
10	0.00	0.00	34.93	0.00	-0.15	0.17	8.58	-348.91	-0.20	---	---	0.02	0.19	0.84	-2020.50	79.57
							10.46	-288.30	-1.95	0.01	0.09	0.09	1.01	0.52	-1247.01	68.10
11	0.00	0.00	34.93	0.00	-0.15	0.17	8.58	-347.40	-0.48	---	---	0.02	0.19	0.84	-2020.50	79.29
							10.46	-287.66	-1.65	0.01	0.09	0.09	1.00	0.52	-1256.03	67.97
12	0.00	0.00	34.93	0.00	-0.15	0.17	8.58	-352.07	-0.19	---	---	0.02	0.19	0.84	-2020.50	80.14
							10.46	-291.52	-1.56	0.01	0.09	0.09	0.99	0.52	-1259.29	68.73

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-1185.52	47.29	2561.59	221.41	733.87
1	2.04	-995.05	65.31	2197.67	240.54	686.87
1	4.07	-811.95	66.98	1830.65	245.89	638.43
3	0.00	-1067.61	8.62	2338.47	36.30	705.15
3	2.04	-914.79	24.74	2038.87	57.08	666.07
3	4.07	-774.12	-12.66	1752.72	71.26	627.96
5	0.00	-1136.10	72.84	2468.92	347.16	721.97
5	2.04	-947.59	81.11	2104.17	350.40	674.65
5	4.07	-758.88	140.88	1721.12	338.63	623.69
7	0.00	-975.84	56.07	2159.96	269.85	681.95
7	2.04	-826.66	54.10	1860.76	261.12	642.46
7	4.07	-675.57	124.59	1546.32	243.49	599.81
9	0.00	-1231.16	1.39	2455.57	6.84	585.15
9	2.04	-1091.04	2.82	2233.74	7.89	556.46
9	4.07	-961.00	2.30	2014.62	8.35	528.44
10	0.00	-1258.47	-1.39	2497.07	6.84	590.58
10	2.04	-1110.34	-2.82	2265.17	7.89	560.50
10	4.07	-972.61	-2.30	2034.70	8.35	531.00
11	0.00	-1254.97	3.31	2491.78	19.23	589.88
11	2.04	-1107.30	2.56	2260.24	18.28	559.86
11	4.07	-969.43	4.91	2029.22	16.69	530.30
12	0.00	-1234.67	-3.31	2460.92	19.23	585.85
12	2.04	-1094.08	-2.56	2238.71	18.28	557.10
12	4.07	-964.17	-4.91	2020.12	16.69	529.14

1	4.07	-673.87	64.16	1542.73	164.49	599.32
1	6.33	-518.33	78.99	1206.91	182.22	551.95
1	8.58	-338.86	68.66	804.30	144.91	491.66
3	4.07	-659.50	-44.01	1512.22	19.18	595.10
3	6.33	-499.17	47.32	1164.69	2.42	545.83
3	8.58	-331.43	16.44	787.29	29.82	489.00
5	4.07	-603.54	183.30	1392.39	269.74	578.38
5	6.33	-511.62	71.73	1192.15	327.36	549.82
5	8.58	-342.29	99.79	812.16	218.03	492.88
7	4.07	-528.89	177.25	1230.10	214.64	555.30
7	6.33	-486.70	33.84	1137.13	271.97	541.81
7	8.58	-337.81	74.26	801.90	165.61	491.28
9	4.07	-779.92	0.81	1688.27	4.23	486.75
9	6.33	-701.30	3.54	1538.86	4.19	467.49
9	8.58	-511.40	2.32	1158.79	4.02	417.33
10	4.07	-789.92	-0.81	1706.94	4.23	489.15
10	6.33	-703.86	-3.54	1543.81	4.19	468.13
10	8.58	-509.79	-2.32	1155.44	4.02	416.88
11	4.07	-785.40	7.16	1698.50	11.44	488.06
11	6.33	-703.40	-3.12	1542.92	13.58	468.02
11	8.58	-509.78	-4.65	1155.43	8.50	416.88
12	4.07	-784.45	-7.16	1696.73	11.44	487.84
12	6.33	-701.75	3.12	1539.74	13.58	467.61
12	8.58	-511.41	4.65	1158.80	8.50	417.33
1	8.58	-258.96	31.37	582.92	69.52	201.31
1	10.46	-218.48	48.21	498.90	72.81	189.94
3	8.58	-234.04	9.15	531.51	21.45	194.39
3	10.46	-198.97	6.51	457.47	26.60	184.21
5	8.58	-282.70	43.11	630.99	158.83	207.69
5	10.46	-228.26	77.70	519.44	172.63	192.75
7	8.58	-278.14	30.96	621.82	144.41	206.48
7	10.46	-217.13	61.29	496.06	158.76	189.55
9	8.58	-350.57	1.19	714.09	0.92	176.19
9	10.46	-290.87	1.40	613.38	0.87	163.32
10	8.58	-348.91	-1.19	711.40	0.92	175.85
10	10.46	-288.30	-1.40	608.86	0.87	162.74
11	8.58	-347.40	-2.19	708.96	6.08	175.54
11	10.46	-287.66	-3.53	607.71	6.66	162.59
12	8.58	-352.07	2.19	716.51	6.08	176.51
12	10.46	-291.52	3.53	614.52	6.66	163.46

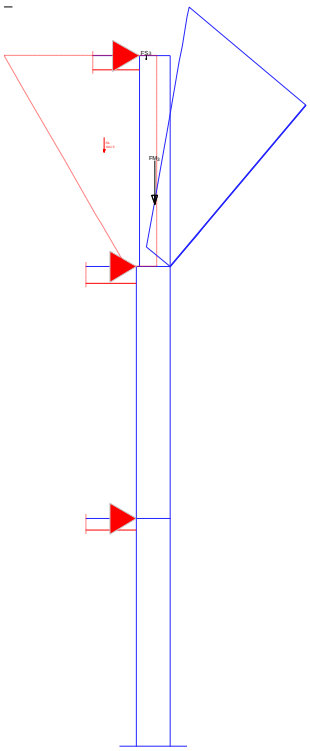
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.97	3.10
0.00	4.07	8	SLD	0.47	1.22	2.46
4.07	8.58	6	SLD	0.56	1.33	2.26
8.58	12.35	4	SLD	0.22	0.61	4.89

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.29
4.07	8.58	2	SLD	0.39	0.92	3.27
4.07	8.58	8	SLD	0.55	1.30	2.31
8.58	12.35	6	SLD	0.42	1.18	2.54

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.49	1.26	2.37
4.07	8.58	4	SLD	0.36	0.87	3.46
8.58	12.35	2	SLD	0.22	0.61	4.90
8.58	12.35	8	SLD	0.42	1.18	2.54

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

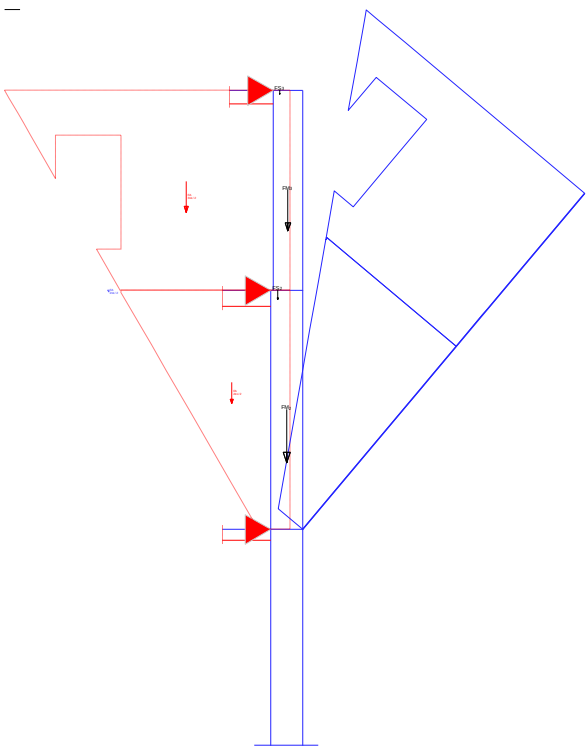


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{311/3}$		71.34	0.64	10.88	Peso ammorsamenti 311/3
FM_3		214.13	-0.03	10.46	Peso maschio piano 3
FS_3		18.29	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=29550.90 <kg>
Frazione di massa partecipante e^*=0.95
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=184.57 <mm>
Domanda di spostamento [C8A.4.11]=123.92 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4894
Domanda di spostamento amplificata [C8A.4.12]=68.60 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.6906

Ribalt. a z=4.07 ammors. a z=4.07

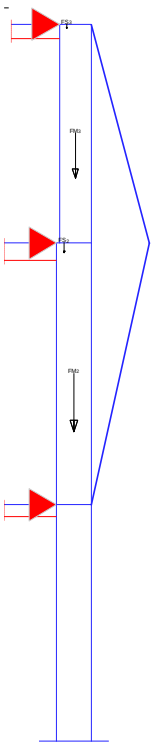


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{211/2}$		108.07	0.80	6.84	Peso ammorsamenti 211/2
$FA_{311/2}$		162.06	1.66	10.63	Peso ammorsamenti 311/2
FM_2		279.44	0.00	6.33	Peso maschio piano 2
FM_3		214.13	-0.03	10.46	Peso maschio piano 3
$FA_{211/2}$		0.01	2.89	8.57	Peso ammorsamenti 211/2
FS_2		47.93	0.17	8.58	Peso solaio piano 2
FS_3		18.29	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=70155.50 <kg>
Frazione di massa partecipante e^*=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=354.12 <mm>
Domanda di spostamento [C8A.4.11]=181.37 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.9525
Domanda di spostamento amplificata [C8A.4.12]=44.01 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=8.0463

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

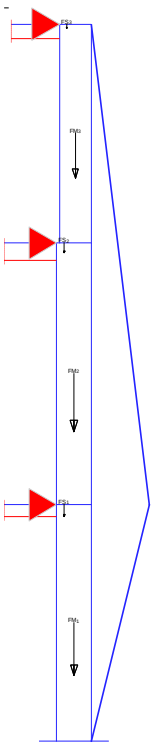


Elenco forze agenti

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		47.93	0.17	8.58	Peso solaio piano 2
FS_3		18.29	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=51679.60 <kg>
Frazione di massa partecipante e^*=0.91
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=75.57 <mm>
Domanda di spostamento [C8A.4.11]=70.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0677
Domanda di spostamento amplificata [C8A.4.12]=46.53 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6240

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

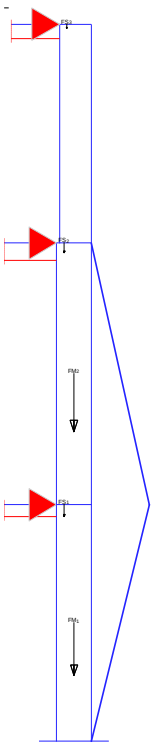


Elenco forze agenti

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		47.93	0.17	8.58	Peso solaio piano 2
FS_3		18.29	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=73705.40 <kg>
Frazione di massa partecipante e^*=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=105.06 <mm>
Domanda di spostamento [C8A.4.11]=75.78 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.3863

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		47.93	0.17	8.58	Peso solaio piano 2
FS_3		18.29	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=47617.70 <kg>
Frazione di massa partecipante e^*=0.71
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=79.72 <mm>
Domanda di spostamento [C8A.4.11]=57.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.3844

Maschio in muratura ordinaria n. 27

Xg=5.36 <m> Yg=2.79 <m> L=5.58 <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	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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-1022.43	-16.97	---	---	---	---	---	-3351.00	147.47
							2.04	-921.32	5.31	---	---	---	---	---	-3351.00	140.25
							4.07	-800.85	-2.84	---	---	---	---	---	-3351.00	129.53
3							0.00	-909.80	-15.77	---	---	---	---	---	-3351.00	139.32
							2.04	-845.50	5.06	---	---	---	---	---	-3351.00	133.77
							4.07	-758.91	-2.15	---	---	---	---	---	-3351.00	125.26
5							0.00	-1068.07	-9.19	---	---	---	---	---	-3351.00	150.20
							2.04	-927.05	5.32	---	---	---	---	---	-3351.00	140.70
							4.07	-765.27	-2.36	---	---	---	---	---	-3351.00	125.92
7							0.00	-994.56	-1.32	---	---	---	---	---	-3351.00	145.64
							2.04	-856.14	5.10	---	---	---	---	---	-3351.00	134.73
							4.07	-692.83	-1.26	---	---	---	---	---	-3351.00	117.97
9	-724.87	0.00	100.65	98.38	-0.00	0.02	0.00	-1184.68	-5.96	---	---	0.02	0.26	0.76	-1698.63	100.26
							2.04	-1095.52	7.08	-0.01	0.02	0.02	0.26	0.76	-1698.63	104.28

							4.07	-968.06	-0.87	---	---	0.02	0.26	0.76	-1693.97	106.77
10	-736.16	0.00	100.65	98.38	-0.00	0.02	0.00	-1197.07	-4.29	---	---	0.02	0.26	0.76	-1698.63	99.55
							2.04	-1107.48	6.76	-0.01	0.02	0.02	0.26	0.76	-1698.63	103.85
							4.07	-979.86	-0.79	---	---	0.02	0.26	0.76	-1694.03	106.70
11	-726.77	0.00	100.65	98.38	-0.00	0.02	0.00	-1180.83	-5.02	---	---	0.02	0.26	0.76	-1698.63	100.47
							2.04	-1094.81	6.92	-0.01	0.02	0.02	0.26	0.76	-1698.63	104.31
							4.07	-970.32	-0.88	---	---	0.02	0.26	0.76	-1693.98	106.76
12	-734.25	0.00	100.65	98.38	-0.00	0.02	0.00	-1200.92	-5.22	---	---	0.02	0.26	0.76	-1698.63	99.32
							2.04	-1108.19	6.92	-0.01	0.02	0.02	0.26	0.76	-1698.63	103.83
							4.07	-977.61	-0.78	---	---	0.02	0.26	0.76	-1694.02	106.72
1							4.07	-650.92	-9.52	---	---	---	---	---	-3351.00	112.99
							6.33	-490.59	-5.81	---	---	---	---	---	-3351.00	91.37
							8.58	-364.80	4.90	---	---	---	---	---	-3351.00	71.57
3							4.07	-608.03	-9.45	---	---	---	---	---	-3351.00	107.60
							6.33	-445.60	-5.20	---	---	---	---	---	-3351.00	84.58
							8.58	-329.50	4.59	---	---	---	---	---	-3351.00	65.56
5							4.07	-619.91	-6.18	---	---	---	---	---	-3351.00	109.12
							6.33	-519.13	-2.91	---	---	---	---	---	-3351.00	95.52
							8.58	-401.68	2.53	---	---	---	---	---	-3351.00	77.63
7							4.07	-550.43	-3.24	---	---	---	---	---	-3351.00	99.91
							6.33	-498.60	0.19	---	---	---	---	---	-3351.00	92.55
							8.58	-397.99	0.18	---	---	---	---	---	-3351.00	77.04
9	-290.40	0.01	137.92	122.20	0.00	0.03	4.07	-724.87	-6.87	0.01	0.03	0.03	0.35	0.70	-1554.71	100.84
							6.33	-645.15	-0.23	---	---	0.02	0.28	0.73	-1637.79	95.84
							8.58	-541.81	1.37	---	---	0.03	0.46	0.64	-1440.37	87.12
10	-291.54	0.01	137.92	122.20	0.00	0.03	4.07	-736.16	-6.29	0.01	0.03	0.03	0.34	0.70	-1568.63	101.42
							6.33	-648.53	-0.75	---	---	0.02	0.28	0.73	-1637.79	96.08
							8.58	-542.48	1.65	---	---	0.03	0.46	0.64	-1440.00	87.19
11	-288.10	0.01	137.92	122.20	0.00	0.03	4.07	-726.77	-6.58	0.01	0.03	0.03	0.35	0.70	-1561.56	100.94
							6.33	-643.00	-0.48	---	---	0.02	0.28	0.73	-1637.79	95.69
							8.58	-539.18	1.51	---	---	0.03	0.46	0.65	-1441.11	86.87
12	-293.85	0.01	137.92	122.20	0.00	0.03	4.07	-734.25	-6.58	0.01	0.03	0.03	0.35	0.70	-1561.88	101.33
							6.33	-650.68	-0.50	---	---	0.02	0.28	0.73	-1637.79	96.24
							8.58	-545.11	1.51	---	---	0.03	0.46	0.64	-1439.27	87.44
1							8.58	-245.50	5.80	---	---	---	---	---	-2978.67	44.34
							10.46	-200.20	8.09	---	---	---	---	---	-2978.67	36.87
3							8.58	-211.26	5.49	---	---	---	---	---	-2978.67	38.73
							10.46	-174.23	7.56	---	---	---	---	---	-2978.67	32.45
5							8.58	-277.50	2.44	---	---	---	---	---	-2978.67	49.42
							10.46	-225.15	3.37	---	---	---	---	---	-2978.67	41.03
7							8.58	-270.69	-0.76	---	---	---	---	---	-2978.67	48.35
							10.46	-220.56	-1.21	---	---	---	---	---	-2978.67	40.27
9	0.00	0.00	44.77	39.67	0.00	0.02	8.58	-290.40	0.63	-0.00	0.01	0.02	0.27	0.75	-1486.60	48.09
							10.46	-256.90	0.57	---	---	0.02	0.27	0.75	-1486.60	43.56
10	0.00	0.00	44.77	39.67	0.00	0.02	8.58	-291.54	1.09	-0.00	0.01	0.02	0.27	0.75	-1486.60	48.24
							10.46	-257.77	0.02	---	---	0.02	0.27	0.75	-1486.60	43.68
11	0.00	0.00	44.77	39.67	0.00	0.02	8.58	-288.10	0.87	-0.00	0.01	0.02	0.27	0.75	-1486.60	47.79
							10.46	-255.18	0.31	---	---	0.02	0.27	0.75	-1486.60	43.32
12	0.00	0.00	44.77	39.67	0.00	0.02	8.58	-293.85	0.85	-0.00	0.01	0.02	0.27	0.75	-1486.60	48.54
							10.46	-259.49	0.28	---	---	0.02	0.27	0.75	-1486.60	43.92

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-1022.43	44.82	1830.27	68.16	338.84
1	2.04	-921.32	53.07	1740.60	76.16	323.25
1	4.07	-800.85	110.44	1607.58	53.74	303.63
3	0.00	-909.80	-13.45	1729.11	62.83	321.43
3	2.04	-845.50	-10.01	1660.20	70.92	311.05
3	4.07	-758.91	32.57	1554.60	49.18	296.50
5	0.00	-1068.07	101.83	1864.18	219.11	345.65
5	2.04	-927.05	111.59	1746.22	245.92	324.16
5	4.07	-765.27	151.23	1562.86	172.21	297.59
7	0.00	-994.56	92.42	1807.55	217.51	334.62
7	2.04	-856.14	98.67	1672.16	244.35	312.79
7	4.07	-692.83	108.33	1464.13	170.84	284.89
9	0.00	-1184.68	1.22	1244.30	0.16	292.01
9	2.04	-1095.52	-1.08	1294.29	0.14	281.43
9	4.07	-968.06	-3.67	1325.16	0.11	265.57
10	0.00	-1197.07	-1.22	1235.50	0.16	293.45
10	2.04	-1107.48	1.08	1288.94	0.14	282.87
10	4.07	-979.86	3.67	1324.31	0.11	267.08
11	0.00	-1180.83	5.13	1246.94	13.74	291.56
11	2.04	-1094.81	5.17	1294.60	14.50	281.34
11	4.07	-970.32	5.87	1325.03	9.62	265.86
12	0.00	-1200.92	-5.13	1232.67	13.74	293.90
12	2.04	-1108.19	-5.17	1288.61	14.50	282.96
12	4.07	-977.61	-5.87	1324.50	9.62	266.79

1	4.07	-650.92	91.76	1402.31	80.69	277.28
1	6.33	-490.59	36.29	1134.01	76.75	246.00
1	8.58	-364.80	38.00	888.24	50.30	218.34
3	4.07	-608.03	30.74	1335.47	60.40	269.27
3	6.33	-445.60	27.82	1049.67	53.95	236.47
3	8.58	-329.50	23.99	813.69	31.61	209.92
5	4.07	-619.91	120.06	1354.34	238.19	271.51
5	6.33	-519.13	23.73	1185.45	221.26	251.85
5	8.58	-401.68	32.64	963.51	139.31	226.80
7	4.07	-550.43	83.31	1240.05	232.11	258.12
7	6.33	-498.60	4.50	1148.62	214.42	247.65
7	8.58	-397.99	14.05	956.10	133.71	225.96
9	4.07	-724.87	-3.16	1251.50	0.40	232.32
9	6.33	-645.15	1.55	1189.49	0.49	220.33
9	8.58	-541.81	1.53	1081.30	0.43	203.75
10	4.07	-736.16	3.16	1258.77	0.40	233.97
10	6.33	-648.53	-1.55	1192.50	0.49	220.85
10	8.58	-542.48	-1.53	1082.10	0.43	203.86
11	4.07	-726.77	4.26	1252.75	11.58	232.60
11	6.33	-643.00	-0.60	1187.56	10.11	220.00
11	8.58	-539.18	-1.31	1078.13	5.86	203.31
12	4.07	-734.25	-4.26	1257.57	11.58	233.69
12	6.33	-650.68	0.60	1194.40	10.11	221.19
12	8.58	-545.11	1.31	1085.24	5.86	204.30
1	8.58	-245.50	28.52	619.09	40.08	174.69
1	10.46	-200.20	20.23	514.85	37.55	162.50
3	8.58	-211.26	12.26	540.71	29.91	165.56
3	10.46	-174.23	9.82	453.05	27.95	155.08
5	8.58	-277.50	33.21	690.00	118.17	182.82
5	10.46	-225.15	21.86	572.82	110.60	169.32
7	8.58	-270.69	20.98	675.10	115.12	181.12
7	10.46	-220.56	12.85	562.27	107.72	168.09
9	8.58	-290.40	1.04	671.43	0.24	145.71
9	10.46	-256.90	0.83	608.21	0.21	138.58
10	8.58	-291.54	-1.04	673.51	0.24	145.95
10	10.46	-257.77	-0.83	609.89	0.21	138.77
11	8.58	-288.10	-1.49	667.20	4.45	145.23
11	10.46	-255.18	-0.84	604.87	4.20	138.20
12	8.58	-293.85	1.49	677.72	4.45	146.42
12	10.46	-259.49	0.84	613.22	4.20	139.14

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.20
0.00	4.07	8	SLD	0.47	1.22	2.47
4.07	8.58	6	SLD	0.57	1.36	2.21
8.58	12.35	4	SLD	0.21	0.59	5.10

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	0.38	0.90	3.33
4.07	8.58	8	SLD	0.57	1.34	2.23
8.58	12.35	6	SLD	0.39	1.10	2.73

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.25	2.40
4.07	8.58	4	SLD	0.37	0.87	3.44
8.58	12.35	2	SLD	0.22	0.61	4.96
8.58	12.35	8	SLD	0.39	1.09	2.75

Maschio in muratura ordinaria n. 28

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	9360.00	2600.00	3900.00	190.13	79.22	118.83
					122	-0.13	113	0.13										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-200.23	-6.12	---	---	---	---	---	-1140.75	35.75
							2.04	-157.08	3.78	---	---	---	---	---	-1140.75	29.62
3							0.00	-143.17	-6.00	---	---	---	---	---	-1140.75	27.46
							2.04	-154.37	3.67	---	---	---	---	---	-1140.75	29.20
5							0.00	-265.54	-3.13	---	---	---	---	---	-1140.75	43.38
							2.04	-146.10	3.30	---	---	---	---	---	-1140.75	27.92
7							0.00	-264.47	-0.45	---	---	---	---	---	-1140.75	43.28
							2.04	-133.98	2.79	---	---	---	---	---	-1140.75	25.98
9	0.00	0.00	4.11	11.26	0.06	0.08	0.00	-262.61	-2.77	---	---	0.02	0.26	0.76	-578.25	35.08
							2.04	-198.05	4.21	-0.02	0.06	0.06	0.80	0.54	-411.37	30.91
10	0.00	0.00	4.11	11.26	0.06	0.08	0.00	-262.50	-2.23	---	---	0.02	0.26	0.76	-578.25	35.08
							2.04	-200.12	4.09	-0.02	0.06	0.06	0.79	0.54	-414.01	31.09
11	0.00	0.00	4.11	11.26	0.06	0.08	0.00	-267.93	-2.49	---	---	0.02	0.26	0.76	-578.25	35.30
							2.04	-199.25	4.14	-0.02	0.06	0.06	0.80	0.54	-412.90	31.01

12	0.00	0.00	4.11	11.26	0.06	0.08	0.00	-257.18	-2.51	---	---	0.02	0.26	0.76	-578.25	34.84
							2.04	-198.92	4.16	-0.02	0.06	0.06	0.80	0.54	-412.49	30.98

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-200.23	0.00	51.64	12.44	60.25
1	2.04	-157.08	0.00	42.78	11.83	54.44
3	0.00	-143.17	-0.00	39.66	5.89	52.43
3	2.04	-154.37	0.00	42.18	1.88	54.05
5	0.00	-265.54	0.00	62.67	31.53	68.11
5	2.04	-146.10	0.00	40.33	24.34	52.86
7	0.00	-264.47	0.00	62.51	29.57	67.99
7	2.04	-133.98	-0.00	37.53	21.35	51.05
9	0.00	-262.61	-0.00	50.68	0.21	54.25
9	2.04	-198.05	0.00	44.65	0.26	47.73
10	0.00	-262.50	0.00	50.67	0.21	54.24
10	2.04	-200.12	-0.00	44.90	0.26	47.95
11	0.00	-267.93	-0.00	50.99	1.82	54.75
11	2.04	-199.25	-0.00	44.80	1.27	47.86
12	0.00	-257.18	0.00	50.33	1.82	53.73
12	2.04	-198.92	0.00	44.75	1.27	47.82

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.17
0.00	4.07	8	SLD	0.47	1.22	2.47

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.90	3.32

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.25	2.40

Maschio in muratura ordinaria n. 29

Xg=5.43 <m> Yg=10.06 <m> L=5.59 <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>	$F_{td\ SLU}$ <kN/mq>	$F_{td\ SLV}$ <kN/mq>
0.00	4.07	0.60	3.87	0.07	112	-0.17	101	0.17	0.02	5.59	0.81	5.21	3200.00	888.89	1333.33	65.00	27.08	40.63
							113	0.17										
							101	0.17										
4.07	8.58	0.45	4.21	0.03	207	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
							202	0.13										
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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-954.64	-29.89	---	---	---	---	---	-4476.00	214.53
							2.04	-902.57	-7.52	---	---	---	---	---	-4476.00	206.54
							4.07	-717.32	11.06	---	---	---	---	---	-4476.00	174.62
3							0.00	-883.99	-26.11	---	---	---	---	---	-4476.00	203.58
							2.04	-828.28	-6.52	---	---	---	---	---	-4476.00	194.39
							4.07	-650.33	8.84	---	---	---	---	---	-4476.00	161.75
5							0.00	-934.92	-21.40	---	---	---	---	---	-4476.00	211.55
							2.04	-902.23	-6.03	---	---	---	---	---	-4476.00	206.48
							4.07	-736.36	8.36	---	---	---	---	---	-4476.00	178.15
7							0.00	-847.35	-10.34	---	---	---	---	---	-4476.00	197.59
							2.04	-827.65	-3.76	---	---	---	---	---	-4476.00	194.28
							4.07	-685.67	3.82	---	---	---	---	---	-4476.00	168.63
9	-820.20	0.06	23.30	121.59	0.02	0.10	0.00	-1113.53	-16.93	0.02	0.07	0.07	0.65	0.66	-1959.75	187.40
							2.04	-1084.95	-5.01	---	---	0.05	0.50	0.71	-2104.93	186.26
							4.07	-900.96	3.67	---	---	0.10	1.00	0.55	-1626.53	174.28
10	-827.81	0.06	23.30	121.59	0.02	0.10	0.00	-1128.59	-14.67	0.01	0.06	0.06	0.63	0.66	-1981.06	187.93
							2.04	-1097.10	-5.17	---	---	0.05	0.50	0.71	-2105.15	186.77
							4.07	-909.00	3.91	---	---	0.10	1.00	0.55	-1626.96	174.97
11	-827.72	0.06	23.30	121.59	0.02	0.10	0.00	-1127.18	-16.12	0.01	0.06	0.06	0.64	0.66	-1968.57	187.88
							2.04	-1097.51	-5.16	---	---	0.05	0.50	0.71	-2105.15	186.78
							4.07	-910.89	3.84	---	---	0.10	1.00	0.55	-1626.96	175.13
12	-820.30	0.06	23.30	121.59	0.02	0.10	0.00	-1114.95	-15.47	0.01	0.06	0.06	0.64	0.66	-1972.40	187.45
							2.04	-1084.54	-5.02	---	---	0.05	0.50	0.71	-2104.94	186.24
							4.07	-899.07	3.75	---	---	0.10	1.00	0.55	-1626.53	174.11
1							4.07	-665.51	9.46	---	---	---	---	---	-3357.00	114.82
							6.33	-542.97	-10.78	---	---	---	---	---	-3357.00	98.92
							8.58	-380.26	4.63	---	---	---	---	---	-3357.00	74.16
3							4.07	-625.91	8.17	---	---	---	---	---	-3357.00	109.94
							6.33	-467.53	-8.60	---	---	---	---	---	-3357.00	87.96

							8.58	-329.30	3.67	---	---	---	---	---	-3357.00	65.54
5							4.07	-655.02	6.21	---	---	---	---	---	-3357.00	113.55
							6.33	-589.15	-6.60	---	---	---	---	---	-3357.00	105.19
							8.58	-407.91	2.93	---	---	---	---	---	-3357.00	78.66
7							4.07	-606.43	2.12	---	---	---	---	---	-3357.00	107.45
							6.33	-553.29	-0.83	---	---	---	---	---	-3357.00	100.35
							8.58	-380.64	0.53	---	---	---	---	---	-3357.00	74.22
9	-319.75	0.02	23.30	122.42	0.02	0.05	4.07	-820.20	2.74	-0.00	0.03	0.03	0.40	0.67	-1501.78	104.98
							6.33	-679.85	0.52	---	---	0.03	0.36	0.69	-1551.88	98.30
							8.58	-485.40	0.13	---	---	0.05	0.72	0.55	-1236.96	81.35
10	-324.10	0.02	23.30	122.42	0.02	0.05	4.07	-827.81	3.31	-0.00	0.03	0.03	0.41	0.67	-1492.54	105.20
							6.33	-685.53	-0.22	---	---	0.03	0.36	0.69	-1552.43	98.66
							8.58	-489.81	0.42	---	---	0.05	0.72	0.55	-1237.66	81.83
11	-326.17	0.02	23.30	122.42	0.02	0.05	4.07	-827.72	3.05	-0.00	0.03	0.03	0.41	0.67	-1497.42	105.20
							6.33	-689.14	0.19	---	---	0.03	0.36	0.69	-1552.68	98.88
							8.58	-491.94	0.20	---	---	0.05	0.72	0.55	-1237.99	82.06
12	-317.67	0.02	23.30	122.42	0.02	0.05	4.07	-820.30	3.00	-0.00	0.03	0.03	0.41	0.67	-1496.84	104.98
							6.33	-676.23	0.11	---	---	0.03	0.36	0.69	-1551.61	98.06
							8.58	-483.27	0.35	---	---	0.05	0.72	0.55	-1236.62	81.11
1							8.58	-295.84	6.99	---	---	---	---	---	-2984.00	52.27
							10.46	-242.43	-9.26	---	---	---	---	---	-2984.00	43.85
3							8.58	-246.07	5.13	---	---	---	---	---	-2984.00	44.44
							10.46	-180.30	-7.74	---	---	---	---	---	-2984.00	33.50
5							8.58	-323.03	5.31	---	---	---	---	---	-2984.00	56.38
							10.46	-288.04	-5.19	---	---	---	---	---	-2984.00	51.07
7							8.58	-296.56	2.00	---	---	---	---	---	-2984.00	52.38
							10.46	-265.01	-0.19	---	---	---	---	---	-2984.00	47.46
9	0.00	0.00	17.20	39.74	0.00	0.02	8.58	-319.75	0.53	---	---	0.02	0.26	0.75	-1498.23	51.86
							10.46	-255.53	0.04	---	---	0.02	0.26	0.75	-1498.23	43.38
10	0.00	0.00	17.20	39.74	0.00	0.02	8.58	-324.10	0.96	---	---	0.02	0.26	0.75	-1498.23	52.40
							10.46	-259.41	-0.45	---	---	0.02	0.26	0.75	-1498.23	43.92
11	0.00	0.00	17.20	39.74	0.00	0.02	8.58	-326.17	0.61	---	---	0.02	0.26	0.75	-1498.23	52.65
							10.46	-262.49	-0.20	---	---	0.02	0.26	0.75	-1498.23	44.35
12	0.00	0.00	17.20	39.74	0.00	0.02	8.58	-317.67	0.88	---	---	0.02	0.26	0.75	-1498.23	51.60
							10.46	-252.44	-0.22	---	---	0.02	0.26	0.75	-1498.23	42.95

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-954.64	126.28	2000.51	67.41	385.74
1	2.04	-902.57	53.88	1925.95	76.07	376.42
1	4.07	-717.32	81.18	1628.37	44.50	341.21
3	0.00	-883.99	-22.06	1898.37	54.89	373.04
3	2.04	-828.28	-48.09	1812.67	60.41	362.71
3	4.07	-650.33	43.41	1508.32	33.18	327.55
5	0.00	-934.92	262.87	1972.73	205.69	382.23
5	2.04	-902.23	170.83	1925.45	229.81	376.36
5	4.07	-736.36	81.64	1661.26	131.16	345.00
7	0.00	-847.35	231.60	1842.52	201.94	366.28
7	2.04	-827.65	169.09	1811.67	225.12	362.59
7	4.07	-685.67	44.26	1572.48	127.76	334.83
9	0.00	-1113.53	2.82	1747.51	0.13	330.92
9	2.04	-1084.95	-0.34	1736.86	0.09	326.97
9	4.07	-900.96	-3.40	1625.15	0.35	300.30
10	0.00	-1128.59	-2.82	1752.40	0.13	332.98
10	2.04	-1097.10	0.34	1741.61	0.09	328.65
10	4.07	-909.00	3.40	1631.59	0.35	301.51
11	0.00	-1127.18	13.27	1751.96	13.43	332.79
11	2.04	-1097.51	8.14	1741.76	13.89	328.71
11	4.07	-910.89	1.72	1633.09	7.32	301.80
12	0.00	-1114.95	-13.27	1747.99	13.43	331.11
12	2.04	-1084.54	-8.14	1736.69	13.89	326.91
12	4.07	-899.07	-1.72	1623.61	7.32	300.01
1	4.07	-665.51	70.52	1427.54	69.84	280.24
1	6.33	-542.97	40.27	1229.93	63.73	256.90
1	8.58	-380.26	19.25	922.02	40.01	222.16
3	4.07	-625.91	11.69	1366.91	43.98	272.92
3	6.33	-467.53	-11.66	1093.61	39.68	241.42
3	8.58	-329.30	-5.18	814.90	10.51	210.10
5	4.07	-655.02	110.38	1411.78	193.58	278.31
5	6.33	-589.15	90.83	1307.86	175.95	265.94
5	8.58	-407.91	42.84	978.00	88.62	228.44
7	4.07	-606.43	85.72	1335.94	185.82	269.24
7	6.33	-553.29	82.25	1247.71	168.74	258.95
7	8.58	-380.64	38.62	922.80	79.77	222.25
9	4.07	-820.20	-2.28	1305.21	0.38	246.13
9	6.33	-679.85	-0.73	1222.18	0.39	225.85
9	8.58	-485.40	-0.35	1011.41	0.60	194.29

10	4.07	-827.81	2.28	1308.05	0.38	247.18
10	6.33	-685.53	0.73	1226.66	0.39	226.71
10	8.58	-489.81	0.35	1017.43	0.60	195.06
11	4.07	-827.72	3.37	1308.02	9.12	247.17
11	6.33	-689.14	-4.93	1229.47	7.67	227.25
11	8.58	-491.94	-2.35	1020.31	3.29	195.43
12	4.07	-820.30	-3.37	1305.24	9.12	246.14
12	6.33	-676.23	4.93	1219.27	7.67	225.30
12	8.58	-483.27	2.35	1008.50	3.29	193.92
1	8.58	-295.84	16.05	731.09	51.72	187.52
1	10.46	-242.43	28.43	613.38	45.61	174.09
3	8.58	-246.07	-9.30	621.60	13.43	175.04
3	10.46	-180.30	-23.00	468.55	8.53	157.03
5	8.58	-323.03	43.25	788.59	114.32	194.00
5	10.46	-288.04	86.52	714.28	95.80	185.62
7	8.58	-296.56	41.23	732.64	102.84	187.69
7	10.46	-265.01	84.89	663.90	84.67	179.89
9	8.58	-319.75	0.12	725.35	0.81	151.84
9	10.46	-255.53	-0.12	606.82	0.80	138.43
10	8.58	-324.10	-0.12	732.89	0.81	152.70
10	10.46	-259.41	0.12	614.36	0.80	139.27
11	8.58	-326.17	-2.40	736.46	4.04	153.11
11	10.46	-262.49	-4.12	620.33	3.29	139.94
12	8.58	-317.67	2.40	721.73	4.04	151.42
12	10.46	-252.44	4.12	600.77	3.29	137.75

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.13
0.00	4.07	8	SLD	0.47	1.22	2.47
4.07	8.58	6	SLD	0.57	1.36	2.20
8.58	12.35	4	SLD	0.21	0.60	4.98

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.92	3.27
4.07	8.58	2	SLD	0.39	0.92	3.27
4.07	8.58	8	SLD	0.57	1.34	2.24
8.58	12.35	6	SLD	0.39	1.11	2.70

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.25	2.40
4.07	8.58	4	SLD	0.37	0.88	3.42
8.58	12.35	2	SLD	0.21	0.60	4.99
8.58	12.35	8	SLD	0.39	1.11	2.70

Maschio in muratura ordinaria n. 30

Xg=7.10 <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_{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	0.40	3.77	0.00			112	0.11	0.02	0.00	1.00	9.43	9360.00	2600.00	3900.00	190.13	79.22	118.83
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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-240.26	3.92	---	---	---	---	---	-1380.60	38.21
							2.04	-260.40	-0.63	---	---	---	---	---	-1380.60	40.52
							4.07	-137.55	-1.16	---	---	---	---	---	-1380.60	24.29
3							0.00	-226.56	3.74	---	---	---	---	---	-1380.60	36.56
							2.04	-237.96	-0.42	---	---	---	---	---	-1380.60	37.94
							4.07	-123.86	-1.03	---	---	---	---	---	-1380.60	22.16
5							0.00	-245.60	2.95	---	---	---	---	---	-1380.60	38.84
							2.04	-272.23	-0.65	---	---	---	---	---	-1380.60	41.82
							4.07	-138.43	-0.76	---	---	---	---	---	-1380.60	24.42
7							0.00	-236.48	1.93	---	---	---	---	---	-1380.60	37.76
							2.04	-259.94	-0.46	---	---	---	---	---	-1380.60	40.47
							4.07	-125.49	-0.28	---	---	---	---	---	-1380.60	22.41
9	-186.38	0.00	0.00	7.01	0.00	0.02	0.00	-321.66	3.33	-0.01	0.02	0.02	0.33	0.71	-651.90	37.88
							2.04	-324.53	-0.27	---	---	0.02	0.28	0.73	-672.47	37.98
							4.07	-156.90	-0.42	---	---	0.02	0.34	0.70	-644.30	25.09
10	-189.47	0.00	0.00	7.01	0.00	0.02	0.00	-319.80	3.11	-0.01	0.02	0.02	0.32	0.71	-656.51	37.81
							2.04	-326.77	-0.23	---	---	0.02	0.28	0.73	-672.47	38.06
							4.07	-159.25	-0.50	---	---	0.02	0.34	0.70	-644.74	25.37
11	-186.35	0.00	0.00	7.01	0.00	0.02	0.00	-322.30	3.24	-0.01	0.02	0.02	0.32	0.71	-654.08	37.90
							2.04	-323.65	-0.23	---	---	0.02	0.28	0.73	-672.47	37.95
							4.07	-157.11	-0.46	---	---	0.02	0.34	0.70	-644.30	25.11
12	-189.50	0.00	0.00	7.01	0.00	0.02	0.00	-319.15	3.21	-0.01	0.02	0.02	0.32	0.71	-654.31	37.79
							2.04	-327.65	-0.27	---	---	0.02	0.28	0.73	-672.47	38.09
							4.07	-159.05	-0.45	---	---	0.02	0.34	0.70	-644.75	25.34
1							4.07	-175.41	1.39	---	---	---	---	---	-472.00	19.74
							6.33	-115.32	-1.39	---	---	---	---	---	-472.00	16.43
							8.58	-58.48	-1.25	---	---	---	---	---	-472.00	9.99
3							4.07	-151.62	1.29	---	---	---	---	---	-472.00	18.86

							6.33	-103.75	-1.32	---	---	---	---	---	-472.00	15.38
							8.58	-51.37	-1.06	---	---	---	---	---	-472.00	8.96
5							4.07	-182.53	0.74	---	---	---	---	---	-472.00	19.90
							6.33	-117.87	-0.68	---	---	---	---	---	-472.00	16.65
							8.58	-62.48	-0.70	---	---	---	---	---	-472.00	10.55
7							4.07	-164.85	0.08	---	---	---	---	---	-472.00	19.42
							6.33	-108.48	-0.01	---	---	---	---	---	-472.00	15.83
							8.58	-58.80	-0.03	---	---	---	---	---	-472.00	10.04
9	-72.17	0.00	0.00	7.01	0.01	0.03	4.07	-186.38	0.44	---	---	0.02	0.32	0.69	-216.15	11.30
							6.33	-142.96	-0.45	0.00	0.02	0.02	0.32	0.69	-216.15	13.31
							8.58	-77.00	-0.03	---	---	0.03	0.46	0.61	-193.13	10.97
10	-72.93	0.00	0.00	7.01	0.01	0.03	4.07	-189.47	0.33	---	---	0.02	0.32	0.69	-216.15	11.05
							6.33	-144.59	-0.34	0.00	0.02	0.02	0.32	0.69	-216.15	13.29
							8.58	-77.62	-0.13	---	---	0.03	0.46	0.61	-193.35	11.02
11	-73.00	0.00	0.00	7.01	0.01	0.03	4.07	-186.35	0.38	---	---	0.02	0.32	0.69	-216.15	11.30
							6.33	-144.93	-0.40	0.00	0.02	0.02	0.32	0.69	-216.15	13.28
							8.58	-77.99	-0.07	---	---	0.03	0.46	0.61	-193.38	11.05
12	-72.09	0.00	0.00	7.01	0.01	0.03	4.07	-189.50	0.38	---	---	0.02	0.32	0.69	-216.15	11.05
							6.33	-142.61	-0.39	0.00	0.02	0.02	0.32	0.69	-216.15	13.31
							8.58	-76.63	-0.09	---	---	0.03	0.46	0.61	-193.11	10.94
1							8.58	-58.93	1.84	---	---	---	---	---	-472.00	10.06
							10.46	-49.25	1.82	---	---	---	---	---	-472.00	8.64
3							8.58	-54.32	1.66	---	---	---	---	---	-472.00	9.39
							10.46	-42.34	1.69	---	---	---	---	---	-472.00	7.57
5							8.58	-58.98	1.12	---	---	---	---	---	-472.00	10.06
							10.46	-55.79	0.76	---	---	---	---	---	-472.00	9.61
7							8.58	-54.41	0.33	---	---	---	---	---	-472.00	9.41
							10.46	-54.49	-0.27	---	---	---	---	---	-472.00	9.42
9	0.00	0.00	0.00	2.72	0.11	0.13	8.58	-72.17	0.73	-0.01	0.07	0.07	1.12	0.43	-135.58	10.54
							10.46	-69.62	-0.01	---	---	0.06	0.97	0.48	-151.97	10.30
10	0.00	0.00	0.00	2.72	0.11	0.13	8.58	-72.93	0.63	-0.01	0.07	0.07	1.10	0.44	-137.93	10.61
							10.46	-69.80	0.10	---	---	0.06	0.97	0.48	-151.97	10.32
11	0.00	0.00	0.00	2.72	0.11	0.13	8.58	-73.00	0.69	-0.01	0.07	0.07	1.11	0.43	-136.58	10.62
							10.46	-70.32	0.04	---	---	0.06	0.97	0.48	-151.97	10.37
12	0.00	0.00	0.00	2.72	0.11	0.13	8.58	-72.09	0.67	-0.01	0.07	0.07	1.11	0.44	-136.96	10.53
							10.46	-69.11	0.04	---	---	0.06	0.97	0.48	-151.97	10.25

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-240.26	0.00	84.55	20.39	72.65
1	2.04	-260.40	0.00	89.66	25.64	75.20
1	4.07	-137.55	0.00	53.73	22.41	57.95
3	0.00	-226.56	0.00	80.90	5.84	70.87
3	2.04	-237.96	0.00	83.95	5.35	72.36
3	4.07	-123.86	0.00	49.02	15.40	55.70
5	0.00	-245.60	0.00	85.93	28.19	73.34
5	2.04	-272.23	0.00	92.52	38.46	76.65
5	4.07	-138.43	0.00	54.03	17.35	58.09
7	0.00	-236.48	0.00	83.55	20.32	72.16
7	2.04	-259.94	0.00	89.55	29.16	75.14
7	4.07	-125.49	0.00	49.59	6.00	55.97
9	0.00	-321.66	0.00	83.81	0.71	66.02
9	2.04	-324.53	-0.00	84.03	0.88	66.29
9	4.07	-156.90	-0.00	55.51	1.03	48.01
10	0.00	-319.80	-0.00	83.66	0.71	65.84
10	2.04	-326.77	0.00	84.20	0.88	66.50
10	4.07	-159.25	0.00	56.13	1.03	48.32
11	0.00	-322.30	0.00	83.86	1.53	66.08
11	2.04	-323.65	-0.00	83.97	1.93	66.21
11	4.07	-157.11	-0.00	55.56	0.52	48.04
12	0.00	-319.15	-0.00	83.61	1.53	65.78
12	2.04	-327.65	0.00	84.26	1.93	66.58
12	4.07	-159.05	0.00	56.07	0.52	48.29
1	4.07	-175.41	0.00	43.68	12.63	34.83
1	6.33	-115.32	0.00	36.36	5.18	28.79
1	8.58	-58.48	0.00	22.11	2.38	21.58
3	4.07	-151.62	0.00	41.74	0.64	32.57
3	6.33	-103.75	0.00	34.04	2.88	27.48
3	8.58	-51.37	0.00	19.82	1.07	20.50
5	4.07	-182.53	0.00	44.02	21.98	35.48
5	6.33	-117.87	0.00	36.83	13.78	29.07
5	8.58	-62.48	0.00	23.34	2.70	22.16
7	4.07	-164.85	0.00	42.97	18.00	33.85
7	6.33	-108.48	0.00	35.02	13.10	28.02
7	8.58	-58.80	0.00	22.20	1.66	21.63
9	4.07	-186.38	-0.00	25.00	0.34	28.90
9	6.33	-142.96	-0.00	29.45	0.07	25.50

9	8.58	-77.00	-0.00	24.26	0.03	19.21
10	4.07	-189.47	0.00	24.45	0.34	29.12
10	6.33	-144.59	0.00	29.39	0.07	25.63
10	8.58	-77.62	0.00	24.38	0.03	19.28
11	4.07	-186.35	-0.00	25.01	0.95	28.89
11	6.33	-144.93	0.00	29.38	0.62	25.66
11	8.58	-77.99	0.00	24.45	0.08	19.32
12	4.07	-189.50	0.00	24.44	0.95	29.13
12	6.33	-142.61	-0.00	29.46	0.62	25.47
12	8.58	-76.63	-0.00	24.19	0.08	19.17
1	8.58	-58.93	0.00	22.25	4.62	21.65
1	10.46	-49.25	0.00	19.12	2.28	20.17
3	8.58	-54.32	0.00	20.78	1.32	20.96
3	10.46	-42.34	0.00	16.76	1.05	19.04
5	8.58	-58.98	0.00	22.26	6.41	21.65
5	10.46	-55.79	0.00	21.25	2.55	21.18
7	8.58	-54.41	0.00	20.81	4.62	20.97
7	10.46	-54.49	0.00	20.84	1.55	20.98
9	8.58	-72.17	-0.00	23.32	0.15	18.66
9	10.46	-69.62	-0.00	22.79	0.09	18.37
10	8.58	-72.93	0.00	23.47	0.15	18.75
10	10.46	-69.80	0.00	22.83	0.09	18.39
11	8.58	-73.00	0.00	23.49	0.15	18.76
11	10.46	-70.32	0.00	22.93	0.03	18.45
12	8.58	-72.09	-0.00	23.30	0.15	18.66
12	10.46	-69.11	-0.00	22.68	0.03	18.31

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.97	3.08
0.00	4.07	8	SLD	0.47	1.25	2.40
4.07	8.58	6	SLD	0.58	1.37	2.18
8.58	12.35	4	SLD	0.21	0.60	5.03

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.94	3.21
4.07	8.58	2	SLD	0.38	0.91	3.29
4.07	8.58	8	SLD	0.57	1.36	2.20
8.58	12.35	6	SLD	0.38	1.08	2.77

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.28	2.35
4.07	8.58	4	SLD	0.37	0.88	3.42
8.58	12.35	2	SLD	0.21	0.60	5.02
8.58	12.35	8	SLD	0.38	1.08	2.77

Maschio in muratura ordinaria n. 31

Xg=7.10 <m> Yg=11.05 <m> L=3.63 <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	0.40	3.77	0.00			112	0.11	0.02	0.00	1.00	9.43	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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-586.96	9.69	---	---	---	---	---	-1933.33	75.46
							2.04	-536.68	9.73	---	---	---	---	---	-1933.33	72.28
							4.07	-384.56	5.32	---	---	---	---	---	-1933.33	58.91
3							0.00	-534.92	8.67	---	---	---	---	---	-1933.33	72.16
							2.04	-472.84	7.78	---	---	---	---	---	-1933.33	67.36
							4.07	-335.61	3.97	---	---	---	---	---	-1933.33	53.41
5							0.00	-613.61	6.45	---	---	---	---	---	-1933.33	76.90
							2.04	-591.95	5.90	---	---	---	---	---	-1933.33	75.74
							4.07	-422.79	3.66	---	---	---	---	---	-1933.33	62.80
7							0.00	-584.41	2.65	---	---	---	---	---	-1933.33	75.32
							2.04	-575.48	0.67	---	---	---	---	---	-1933.33	74.79
							4.07	-406.60	0.90	---	---	---	---	---	-1933.33	61.20
9	-463.86	0.00	0.00	7.69	0.00	0.02	0.00	-743.67	4.87	-0.01	0.02	0.02	0.28	0.73	-941.69	47.77
							2.04	-706.98	0.01	---	---	0.02	0.28	0.73	-941.69	50.15
							4.07	-493.54	0.25	---	---	0.02	0.31	0.72	-923.96	54.24
10	-466.13	0.00	0.00	7.69	0.00	0.02	0.00	-748.68	4.10	-0.01	0.02	0.02	0.28	0.73	-941.69	47.41
							2.04	-709.61	0.39	---	---	0.02	0.28	0.73	-941.69	50.00
							4.07	-496.07	-0.21	---	---	0.02	0.31	0.72	-924.05	54.29
11	-468.69	0.00	0.00	7.69	0.00	0.02	0.00	-750.57	4.53	-0.01	0.02	0.02	0.28	0.73	-941.69	47.27
							2.04	-714.08	0.21	---	---	0.02	0.28	0.73	-941.69	49.73
							4.07	-499.08	0.01	---	---	0.02	0.31	0.72	-924.14	54.34
12	-461.30	0.00	0.00	7.69	0.00	0.02	0.00	-741.78	4.44	-0.01	0.02	0.02	0.28	0.73	-941.69	47.91
							2.04	-702.52	0.18	---	---	0.02	0.28	0.73	-941.69	50.41
							4.07	-490.52	0.03	---	---	0.02	0.31	0.72	-923.87	54.18
1							4.07	-357.62	-5.35	---	---	---	---	---	-1933.33	55.96
							6.33	-252.19	-4.95	---	---	---	---	---	-1933.33	42.70
							8.58	-230.91	7.93	---	---	---	---	---	-1933.33	39.69

3							4.07	-314.96	-4.03	---	---	---	---	---	-1933.33	50.92
							6.33	-230.41	-4.08	---	---	---	---	---	-1933.33	39.62
							8.58	-215.38	6.55	---	---	---	---	---	-1933.33	37.43
5							4.07	-391.04	-3.81	---	---	---	---	---	-1933.33	59.60
							6.33	-256.50	-3.00	---	---	---	---	---	-1933.33	43.29
							8.58	-225.93	4.72	---	---	---	---	---	-1933.33	38.97
7							4.07	-377.02	-1.17	---	---	---	---	---	-1933.33	58.10
							6.33	-238.40	-0.45	---	---	---	---	---	-1933.33	40.76
							8.58	-206.13	0.59	---	---	---	---	---	-1933.33	36.05
9	-269.48	0.00	0.00	7.69	0.00	0.02	4.07	-463.86	-0.39	---	---	0.02	0.32	0.69	-885.37	53.49
							6.33	-311.14	-0.69	---	---	0.02	0.32	0.69	-885.37	44.56
							8.58	-286.26	0.82	-0.00	0.01	0.02	0.32	0.69	-885.37	42.29
10	-272.61	0.00	0.00	7.69	0.00	0.02	4.07	-466.13	-0.67	0.00	0.01	0.02	0.32	0.69	-885.37	53.56
							6.33	-314.20	-0.24	---	---	0.02	0.32	0.69	-885.37	44.82
							8.58	-289.57	0.35	---	---	0.02	0.36	0.66	-856.18	42.61
11	-272.43	0.00	0.00	7.69	0.00	0.02	4.07	-468.69	-0.55	---	---	0.02	0.32	0.69	-885.37	53.64
							6.33	-314.58	-0.47	---	---	0.02	0.32	0.69	-885.37	44.85
							8.58	-289.29	0.63	-0.00	0.01	0.02	0.32	0.69	-885.37	42.58
12	-269.66	0.00	0.00	7.69	0.00	0.02	4.07	-461.30	-0.51	---	---	0.02	0.32	0.69	-885.37	53.41
							6.33	-310.77	-0.46	---	---	0.02	0.32	0.69	-885.37	44.52
							8.58	-286.54	0.54	-0.00	0.01	0.02	0.32	0.69	-885.37	42.32
1							8.58	-216.32	5.08	---	---	---	---	---	-1933.33	37.57
							10.46	-184.87	-11.70	---	---	---	---	---	-1933.33	32.81
3							8.58	-200.52	3.96	---	---	---	---	---	-1933.33	35.21
							10.46	-171.16	-10.18	---	---	---	---	---	-1933.33	30.67
5							8.58	-213.41	3.27	---	---	---	---	---	-1933.33	37.14
							10.46	-176.07	-5.87	---	---	---	---	---	-1933.33	31.44
7							8.58	-195.12	0.60	---	---	---	---	---	-1933.33	34.39
							10.46	-154.82	0.65	---	---	---	---	---	-1933.33	28.05
9	0.00	0.00	0.00	11.14	0.11	0.13	8.58	-269.48	0.28	---	---	0.02	0.26	0.75	-970.71	40.64
							10.46	-222.92	-0.51	0.00	0.07	0.07	1.01	0.47	-608.10	35.51
10	0.00	0.00	0.00	11.14	0.11	0.13	8.58	-272.61	-0.07	---	---	0.02	0.26	0.75	-970.71	40.95
							10.46	-226.48	0.10	---	---	0.06	0.97	0.48	-622.48	35.93
11	0.00	0.00	0.00	11.14	0.11	0.13	8.58	-272.43	0.14	---	---	0.02	0.26	0.75	-970.71	40.94
							10.46	-225.95	-0.22	0.00	0.07	0.07	0.99	0.48	-616.46	35.87
12	0.00	0.00	0.00	11.14	0.11	0.13	8.58	-269.66	0.07	---	---	0.02	0.26	0.75	-970.71	40.66
							10.46	-223.45	-0.19	0.00	0.07	0.07	0.98	0.48	-617.21	35.58

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-586.96	26.58	683.88	53.24	187.55
1	2.04	-536.68	4.98	655.06	59.38	180.10
1	4.07	-384.56	6.36	533.90	42.99	155.41
3	0.00	-534.92	-3.21	653.95	12.97	179.84
3	2.04	-472.84	-0.71	610.43	13.38	170.18
3	4.07	-335.61	-2.11	484.06	15.52	146.58
5	0.00	-613.61	53.16	696.89	77.06	191.38
5	2.04	-591.95	10.13	686.43	87.58	188.27
5	4.07	-422.79	14.76	569.15	54.56	161.97
7	0.00	-584.41	46.15	682.55	57.20	187.18
7	2.04	-575.48	8.85	677.79	65.76	185.88
7	4.07	-406.60	13.49	554.62	37.01	159.22
9	0.00	-743.67	0.56	432.94	1.79	168.60
9	2.04	-706.98	0.10	454.49	1.98	164.60
9	4.07	-493.54	0.20	491.56	1.64	139.09
10	0.00	-748.68	-0.56	429.65	1.79	169.14
10	2.04	-709.61	-0.10	453.09	1.98	164.90
10	4.07	-496.07	-0.20	492.00	1.64	139.42
11	0.00	-750.57	2.89	428.39	4.79	169.34
11	2.04	-714.08	-0.92	450.67	5.04	165.39
11	4.07	-499.08	0.20	492.50	2.35	139.81
12	0.00	-741.78	-2.89	434.15	4.79	168.40
12	2.04	-702.52	0.92	456.81	5.04	164.11
12	4.07	-490.52	-0.20	491.00	2.35	138.69
1	4.07	-357.62	14.41	507.13	43.44	134.87
1	6.33	-252.19	7.65	386.95	42.21	116.56
1	8.58	-230.91	1.95	359.72	37.08	112.50
3	4.07	-314.96	6.37	461.45	5.55	127.78
3	6.33	-230.41	2.31	359.07	5.82	112.41
3	8.58	-215.38	-0.78	339.21	14.15	109.45
5	4.07	-391.04	16.53	540.10	87.33	140.18
5	6.33	-256.50	10.39	392.33	67.86	117.36
5	8.58	-225.93	4.72	353.20	45.91	111.53
7	4.07	-377.02	10.29	526.57	75.97	137.98
7	6.33	-238.40	7.40	369.41	53.45	113.95
7	8.58	-206.13	4.37	326.74	30.54	107.59
9	4.07	-463.86	0.58	484.77	1.03	121.03

9	6.33	-311.14	0.27	403.79	1.28	101.01
9	8.58	-286.26	0.00	383.27	1.35	97.35
10	4.07	-466.13	-0.58	485.39	1.03	121.31
10	6.33	-314.20	-0.27	406.17	1.28	101.45
10	8.58	-289.57	-0.00	386.13	1.35	97.85
11	4.07	-468.69	0.22	486.07	4.04	121.61
11	6.33	-314.58	0.05	406.46	2.40	101.50
11	8.58	-289.29	-0.24	385.88	1.22	97.81
12	4.07	-461.30	-0.22	484.05	4.04	120.72
12	6.33	-310.77	-0.05	403.49	2.40	100.95
12	8.58	-286.54	0.24	383.52	1.22	97.40
1	8.58	-216.32	3.64	340.48	31.59	127.33
1	10.46	-184.87	9.35	297.38	29.57	119.83
3	8.58	-200.52	0.91	319.10	18.34	123.62
3	10.46	-171.16	5.89	277.91	22.09	116.41
5	8.58	-213.41	5.24	336.58	29.56	126.66
5	10.46	-176.07	8.04	284.94	20.22	117.65
7	8.58	-195.12	3.87	311.66	14.58	122.33
7	10.46	-154.82	3.47	254.18	4.72	112.21
9	8.58	-269.48	0.08	368.29	1.32	110.11
9	10.46	-222.92	-0.37	321.83	1.37	101.47
10	8.58	-272.61	-0.08	371.15	1.32	110.67
10	10.46	-226.48	0.37	325.64	1.37	102.16
11	8.58	-272.43	-0.25	370.99	0.30	110.64
11	10.46	-225.95	-0.30	325.07	0.58	102.06
12	8.58	-269.66	0.25	368.45	0.30	110.14
12	10.46	-223.45	0.30	322.40	0.58	101.58

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.38	1.01	2.98
0.00	4.07	8	SLD	0.49	1.31	2.30
4.07	8.58	6	SLD	0.57	1.35	2.23
8.58	12.35	4	SLD	0.21	0.60	4.99

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.95	3.17
4.07	8.58	2	SLD	0.38	0.91	3.31
4.07	8.58	8	SLD	0.56	1.33	2.26
8.58	12.35	6	SLD	0.39	1.10	2.72

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.50	1.34	2.25
4.07	8.58	4	SLD	0.37	0.88	3.42
8.58	12.35	2	SLD	0.21	0.60	5.02
8.58	12.35	8	SLD	0.39	1.10	2.73

Maschio in muratura ordinaria n. 32

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_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	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	9360.00	2600.00	3900.00	190.13	79.22	118.83

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-153.08	4.24	---	---	---	---	---	-630.00	24.60
							2.04	-128.79	-0.49	---	---	---	---	---	-630.00	22.01
							4.07	-93.40	0.36	---	---	---	---	---	-630.00	17.35
3							0.00	-124.23	4.04	---	---	---	---	---	-630.00	21.47
							2.04	-104.74	-0.42	---	---	---	---	---	-630.00	18.96
							4.07	-92.04	0.29	---	---	---	---	---	-630.00	17.15
5							0.00	-174.93	2.45	---	---	---	---	---	-630.00	26.50
							2.04	-153.28	-0.44	---	---	---	---	---	-630.00	24.62
							4.07	-89.58	0.28	---	---	---	---	---	-630.00	16.78
7							0.00	-164.80	0.71	---	---	---	---	---	-630.00	25.67
							2.04	-150.23	-0.32	---	---	---	---	---	-630.00	24.32
							4.07	-84.95	0.14	---	---	---	---	---	-630.00	16.08
9	-129.63	0.00	21.74	18.77	-0.00	0.02	0.00	-172.02	2.12	-0.01	0.02	0.02	0.31	0.73	-308.66	20.05
							2.04	-158.84	-0.41	---	---	0.02	0.26	0.76	-319.35	19.84
							4.07	-125.14	0.07	---	---	0.02	0.29	0.75	-313.13	18.29
10	-132.06	0.00	21.74	18.77	-0.00	0.02	0.00	-170.14	1.76	-0.01	0.02	0.02	0.28	0.75	-314.33	20.04
							2.04	-158.35	-0.37	---	---	0.02	0.26	0.76	-319.35	19.83
							4.07	-126.16	0.07	---	---	0.02	0.29	0.75	-313.21	18.35
11	-131.39	0.00	21.74	18.77	-0.00	0.02	0.00	-168.63	1.93	-0.01	0.02	0.02	0.30	0.74	-311.24	20.02
							2.04	-156.59	-0.38	---	---	0.02	0.26	0.76	-319.35	19.78
							4.07	-125.65	0.06	---	---	0.02	0.29	0.75	-313.19	18.32
12	-130.30	0.00	21.74	18.77	-0.00	0.02	0.00	-173.53	1.96	-0.01	0.02	0.02	0.29	0.74	-311.71	20.07
							2.04	-160.61	-0.39	---	---	0.02	0.26	0.76	-319.35	19.88
							4.07	-125.65	0.07	---	---	0.02	0.29	0.75	-313.15	18.32
1							4.07	-117.87	1.45	---	---	---	---	---	-630.00	20.68

							6.33	-103.70	-0.87	---	---	---	---	---	-630.00	18.81
							8.58	-110.84	-1.21	---	---	---	---	---	-630.00	19.78
3							4.07	-111.10	1.38	---	---	---	---	---	-630.00	19.81
							6.33	-87.42	-0.74	---	---	---	---	---	-630.00	16.46
							8.58	-72.01	-0.28	---	---	---	---	---	-630.00	14.02
5							4.07	-111.09	0.77	---	---	---	---	---	-630.00	19.81
							6.33	-107.46	-0.63	---	---	---	---	---	-630.00	19.33
							8.58	-139.49	-1.84	---	---	---	---	---	-630.00	23.21
7							4.07	-98.51	0.11	---	---	---	---	---	-630.00	18.09
							6.33	-94.41	-0.28	---	---	---	---	---	-630.00	17.50
							8.58	-125.22	-1.44	---	---	---	---	---	-630.00	21.59
9	-55.28	0.00	0.00	25.93	0.04	0.06	4.07	-129.63	0.52	-0.00	0.03	0.03	0.46	0.64	-269.62	18.58
							6.33	-101.86	-0.32	---	---	0.03	0.41	0.67	-280.92	16.38
							8.58	-95.24	-0.48	---	---	0.06	0.82	0.52	-219.00	15.71
10	-57.55	0.00	0.00	25.93	0.04	0.06	4.07	-132.06	0.41	---	---	0.02	0.28	0.73	-307.91	18.72
							6.33	-104.29	-0.25	---	---	0.03	0.40	0.67	-282.46	16.61
							8.58	-97.81	-0.42	0.00	0.03	0.03	0.46	0.64	-270.51	15.98
11	-54.12	0.00	0.00	25.93	0.04	0.06	4.07	-131.39	0.46	---	---	0.02	0.28	0.73	-307.91	18.68
							6.33	-101.74	-0.27	---	---	0.03	0.41	0.67	-280.10	16.37
							8.58	-93.51	-0.53	0.01	0.04	0.04	0.49	0.63	-264.26	15.53
12	-58.71	0.00	0.00	25.93	0.04	0.06	4.07	-130.30	0.47	-0.00	0.03	0.03	0.45	0.65	-273.06	18.62
							6.33	-104.41	-0.30	---	---	0.03	0.40	0.67	-283.22	16.62
							8.58	-99.53	-0.37	---	---	0.06	0.80	0.53	-221.92	16.15
1							8.58	-80.57	2.29	---	---	---	---	---	-1842.75	17.20
							10.46	-69.63	-0.69	---	---	---	---	---	-1842.75	14.97
3							8.58	-50.84	2.21	---	---	---	---	---	-1842.75	11.07
							10.46	-51.95	-0.47	---	---	---	---	---	-1842.75	11.30
5							8.58	-100.38	1.29	---	---	---	---	---	-1842.75	21.14
							10.46	-77.84	-0.68	---	---	---	---	---	-1842.75	16.64
7							8.58	-87.64	0.36	---	---	---	---	---	-1842.75	18.62
							10.46	-67.20	-0.45	---	---	---	---	---	-1842.75	14.47
9	0.00	0.00	0.00	8.42	0.13	0.14	8.58	-55.28	1.16	-0.02	0.09	0.09	1.24	0.41	-506.89	11.78
							10.46	-56.27	-0.28	---	---	0.07	0.96	0.51	-623.11	11.98
10	0.00	0.00	0.00	8.42	0.13	0.14	8.58	-57.55	1.02	-0.02	0.09	0.09	1.19	0.43	-524.87	12.24
							10.46	-58.12	-0.25	---	---	0.07	0.96	0.51	-623.11	12.35
11	0.00	0.00	0.00	8.42	0.13	0.14	8.58	-54.12	1.09	-0.02	0.09	0.09	1.23	0.42	-511.61	11.55
							10.46	-55.76	-0.25	---	---	0.07	0.96	0.51	-623.11	11.88
12	0.00	0.00	0.00	8.42	0.13	0.14	8.58	-58.71	1.09	-0.02	0.09	0.09	1.20	0.42	-520.17	12.47
							10.46	-58.62	-0.28	---	---	0.07	0.96	0.51	-623.11	12.45

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-153.08	0.00	57.39	10.78	38.34
1	2.04	-128.79	0.00	51.35	14.88	35.53
1	4.07	-93.40	0.00	40.48	12.99	30.99
3	0.00	-124.23	0.00	50.09	7.60	34.98
3	2.04	-104.74	-0.00	44.23	5.31	32.52
3	4.07	-92.04	0.00	40.02	2.44	30.81
5	0.00	-174.93	0.00	61.84	31.11	40.70
5	2.04	-153.28	0.00	57.44	35.09	38.36
5	4.07	-89.58	0.00	39.16	19.90	30.46
7	0.00	-164.80	0.00	59.89	30.15	39.62
7	2.04	-150.23	0.00	56.74	32.22	38.02
7	4.07	-84.95	-0.00	37.52	15.27	29.81
9	0.00	-172.02	0.00	46.79	0.14	32.42
9	2.04	-158.84	0.00	46.29	0.32	31.24
9	4.07	-125.14	-0.00	42.67	0.45	28.01
10	0.00	-170.14	-0.00	46.75	0.14	32.26
10	2.04	-158.35	-0.00	46.26	0.32	31.20
10	4.07	-126.16	0.00	42.83	0.45	28.11
11	0.00	-168.63	-0.00	46.71	1.93	32.12
11	2.04	-156.59	-0.00	46.15	1.98	31.04
11	4.07	-125.65	-0.00	42.75	1.00	28.06
12	0.00	-173.53	0.00	46.82	1.93	32.55
12	2.04	-160.61	0.00	46.39	1.98	31.40
12	4.07	-125.65	0.00	42.75	1.00	28.06
1	4.07	-117.87	0.00	48.26	7.96	34.20
1	6.33	-103.70	0.00	43.90	4.71	32.38
1	8.58	-110.84	0.00	46.15	5.21	33.31
3	4.07	-111.10	0.00	46.23	4.64	33.34
3	6.33	-87.42	0.00	38.40	3.71	30.16
3	8.58	-72.01	0.00	32.72	3.48	27.89
5	4.07	-111.09	0.00	46.22	21.49	33.34
5	6.33	-107.46	0.00	45.10	14.18	32.87
5	8.58	-139.49	0.00	54.16	14.75	36.79
7	4.07	-98.51	0.00	42.20	20.50	31.69
7	6.33	-94.41	0.00	40.83	13.88	31.13

7	8.58	-125.22	0.00	50.37	14.23	35.10
9	4.07	-129.63	-0.00	43.34	0.08	28.46
9	6.33	-101.86	-0.00	38.22	0.02	25.54
9	8.58	-95.24	-0.00	36.66	0.04	24.79
10	4.07	-132.06	0.00	43.68	0.08	28.70
10	6.33	-104.29	0.00	38.76	0.02	25.81
10	8.58	-97.81	0.00	37.28	0.04	25.08
11	4.07	-131.39	0.00	43.59	1.12	28.64
11	6.33	-101.74	-0.00	38.19	0.66	25.52
11	8.58	-93.51	-0.00	36.23	0.54	24.59
12	4.07	-130.30	-0.00	43.44	1.12	28.53
12	6.33	-104.41	0.00	38.78	0.66	25.82
12	8.58	-99.53	0.00	37.69	0.54	25.28
1	8.58	-80.57	0.00	40.12	6.44	58.41
1	10.46	-69.63	0.00	34.93	15.75	56.02
3	8.58	-50.84	0.00	25.83	3.44	51.67
3	10.46	-51.95	0.00	26.37	1.28	51.94
5	8.58	-100.38	0.00	49.32	16.92	62.50
5	10.46	-77.84	0.00	38.83	30.54	57.82
7	8.58	-87.64	0.00	43.44	16.02	59.90
7	10.46	-67.20	0.00	33.77	26.20	55.48
9	8.58	-55.28	-0.00	27.48	0.03	39.27
9	10.46	-56.27	-0.00	27.95	0.39	39.48
10	8.58	-57.55	0.00	28.55	0.03	39.75
10	10.46	-58.12	0.00	28.81	0.39	39.87
11	8.58	-54.12	-0.00	26.94	0.64	39.03
11	10.46	-55.76	-0.00	27.71	1.12	39.38
12	8.58	-58.71	0.00	29.09	0.64	39.99
12	10.46	-58.62	0.00	29.05	1.12	39.97

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.92	3.25
0.00	4.07	8	SLD	0.47	1.21	2.48
4.07	8.58	6	SLD	0.59	1.40	2.15
8.58	12.35	4	SLD	0.21	0.58	5.14

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	0.38	0.90	3.32
4.07	8.58	8	SLD	0.59	1.39	2.16
8.58	12.35	6	SLD	0.37	1.05	2.87

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.24	2.43
4.07	8.58	4	SLD	0.37	0.88	3.43
8.58	12.35	2	SLD	0.21	0.61	4.92
8.58	12.35	8	SLD	0.36	1.03	2.90

Maschio in muratura ordinaria n. 33

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_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	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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-683.01	15.11	---	---	---	---	---	-2124.00	95.54
							2.04	-587.59	-2.61	---	---	---	---	---	-2124.00	89.18
							4.07	-433.75	3.57	---	---	---	---	---	-2124.00	74.15
3							0.00	-633.86	15.04	---	---	---	---	---	-2124.00	92.55
							2.04	-533.05	-2.38	---	---	---	---	---	-2124.00	84.52
							4.07	-367.85	3.26	---	---	---	---	---	-2124.00	65.90
5							0.00	-701.17	9.20	---	---	---	---	---	-2124.00	96.49
							2.04	-632.92	-1.27	---	---	---	---	---	-2124.00	92.48
							4.07	-508.70	1.65	---	---	---	---	---	-2124.00	82.21
7							0.00	-667.59	4.07	---	---	---	---	---	-2124.00	94.66
							2.04	-617.24	0.11	---	---	---	---	---	-2124.00	91.40
							4.07	-507.05	-0.30	---	---	---	---	---	-2124.00	82.05
9	-513.35	0.00	73.28	63.95	-0.00	0.02	0.00	-869.23	10.48	-0.01	0.02	0.02	0.30	0.74	-1045.27	54.33
							2.04	-774.75	-0.23	---	---	0.02	0.26	0.76	-1076.66	62.11
							4.07	-581.63	0.22	---	---	0.02	0.28	0.75	-1059.42	67.63
10	-514.83	0.00	73.28	63.95	-0.00	0.02	0.00	-863.22	9.42	-0.01	0.02	0.02	0.29	0.75	-1056.29	54.93
							2.04	-772.38	-0.12	---	---	0.02	0.26	0.76	-1076.66	62.26
							4.07	-582.19	0.07	---	---	0.02	0.28	0.75	-1059.46	67.63
11	-507.82	0.00	73.28	63.95	-0.00	0.02	0.00	-862.04	9.95	-0.01	0.02	0.02	0.30	0.74	-1050.13	55.04
							2.04	-768.86	-0.15	---	---	0.02	0.26	0.76	-1076.66	62.48
							4.07	-576.31	0.14	---	---	0.02	0.28	0.75	-1059.27	67.58
12	-520.36	0.00	73.28	63.95	-0.00	0.02	0.00	-870.41	9.95	-0.01	0.02	0.02	0.29	0.74	-1051.38	54.22
							2.04	-778.26	-0.20	---	---	0.02	0.26	0.76	-1076.66	61.88

							4.07	-587.51	0.15	---	---	0.02	0.28	0.75	-1059.60	67.66
1							4.07	-413.26	4.84	---	---	---	---	---	-2124.00	71.70
							6.33	-372.99	-5.38	---	---	---	---	---	-2124.00	66.58
							8.58	-299.62	5.28	---	---	---	---	---	-2124.00	56.23
3							4.07	-339.34	4.72	---	---	---	---	---	-2124.00	62.00
							6.33	-333.24	-5.03	---	---	---	---	---	-2124.00	61.14
							8.58	-296.40	4.55	---	---	---	---	---	-2124.00	55.74
5							4.07	-494.66	2.81	---	---	---	---	---	-2124.00	80.80
							6.33	-386.59	-2.53	---	---	---	---	---	-2124.00	68.36
							8.58	-257.68	3.36	---	---	---	---	---	-2124.00	49.70
7							4.07	-490.52	0.94	---	---	---	---	---	-2124.00	80.38
							6.33	-358.49	0.26	---	---	---	---	---	-2124.00	64.64
							8.58	-218.51	0.98	---	---	---	---	---	-2124.00	43.21
9	-202.66	0.00	0.00	87.06	0.04	0.06	4.07	-513.35	2.65	-0.01	0.03	0.03	0.46	0.64	-909.41	66.24
							6.33	-435.24	-1.15	---	---	0.03	0.39	0.68	-958.33	62.52
							8.58	-342.47	0.90	---	---	0.06	0.79	0.53	-752.64	55.13
10	-208.65	0.00	0.00	87.06	0.04	0.06	4.07	-514.83	2.26	-0.00	0.03	0.03	0.45	0.65	-920.35	66.29
							6.33	-440.53	-0.77	---	---	0.03	0.39	0.68	-961.97	62.84
							8.58	-349.33	0.93	---	---	0.06	0.78	0.53	-757.28	55.79
11	-205.46	0.00	0.00	87.06	0.04	0.06	4.07	-507.82	2.44	-0.00	0.03	0.03	0.45	0.65	-914.41	66.05
							6.33	-434.38	-0.96	---	---	0.03	0.39	0.68	-960.05	62.46
							8.58	-345.36	0.86	---	---	0.06	0.78	0.53	-754.83	55.41
12	-205.85	0.00	0.00	87.06	0.04	0.06	4.07	-520.36	2.46	-0.00	0.03	0.03	0.45	0.65	-915.38	66.46
							6.33	-441.39	-0.95	---	---	0.03	0.39	0.68	-960.29	62.89
							8.58	-346.44	0.97	---	---	0.06	0.78	0.53	-755.13	55.51
1							8.58	-210.62	4.51	---	---	---	---	---	-2124.00	41.86
							10.46	-182.63	-1.94	---	---	---	---	---	-2124.00	36.94
3							8.58	-207.87	4.31	---	---	---	---	---	-2124.00	41.38
							10.46	-175.45	-1.39	---	---	---	---	---	-2124.00	35.64
5							8.58	-173.47	2.08	---	---	---	---	---	-2124.00	35.28
							10.46	-149.47	-1.71	---	---	---	---	---	-2124.00	30.85
7							8.58	-138.88	-0.20	---	---	---	---	---	-2124.00	28.84
							10.46	-113.86	-0.96	---	---	---	---	---	-2124.00	24.00
9	0.00	0.00	0.00	28.26	0.13	0.14	8.58	-202.66	0.97	-0.00	0.08	0.08	1.02	0.49	-688.48	37.92
							10.46	-169.07	-0.52	---	---	0.07	0.96	0.51	-718.21	32.70
10	0.00	0.00	0.00	28.26	0.13	0.14	8.58	-208.65	0.73	-0.00	0.08	0.08	1.00	0.49	-696.82	38.81
							10.46	-175.05	-0.43	---	---	0.07	0.96	0.51	-718.21	33.66
11	0.00	0.00	0.00	28.26	0.13	0.14	8.58	-205.46	0.85	-0.00	0.08	0.08	1.01	0.49	-692.70	38.34
							10.46	-171.34	-0.43	---	---	0.07	0.96	0.51	-718.21	33.06
12	0.00	0.00	0.00	28.26	0.13	0.14	8.58	-205.85	0.85	-0.00	0.08	0.08	1.01	0.49	-692.72	38.39
							10.46	-172.78	-0.52	---	---	0.07	0.96	0.51	-718.21	33.30

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-683.01	82.83	751.57	52.64	201.22
1	2.04	-587.59	28.36	701.54	60.00	187.94
1	4.07	-433.75	17.99	583.28	54.16	164.29
3	0.00	-633.86	22.31	728.03	40.96	194.49
3	2.04	-533.05	-0.31	664.93	41.65	179.91
3	4.07	-367.85	-11.55	518.43	5.54	153.05
5	0.00	-701.17	116.64	759.07	157.75	203.65
5	2.04	-632.92	52.00	727.53	172.17	194.36
5	4.07	-508.70	50.20	646.70	89.99	176.21
7	0.00	-667.59	85.09	744.70	154.24	199.13
7	2.04	-617.24	43.58	719.00	166.66	192.16
7	4.07	-507.05	48.27	645.42	72.08	175.96
9	0.00	-869.23	2.91	427.42	0.31	181.48
9	2.04	-774.75	0.67	488.61	0.50	171.83
9	4.07	-581.63	-0.23	532.00	1.57	150.18
10	0.00	-863.22	-2.91	432.09	0.31	180.88
10	2.04	-772.38	-0.67	489.80	0.50	171.58
10	4.07	-582.19	0.23	532.03	1.57	150.25
11	0.00	-862.04	5.65	433.00	9.75	180.77
11	2.04	-768.86	2.38	491.55	9.99	171.21
11	4.07	-576.31	2.19	531.64	4.68	149.54
12	0.00	-870.41	-5.65	426.49	9.75	181.60
12	2.04	-778.26	-2.38	486.80	9.99	172.20
12	4.07	-587.51	-2.19	532.29	4.68	150.88
1	4.07	-413.26	38.78	564.03	65.44	147.89
1	6.33	-372.99	18.47	523.80	63.44	141.52
1	8.58	-299.62	26.20	442.31	56.53	129.11
3	4.07	-339.34	-18.63	487.74	15.65	135.97
3	6.33	-333.24	-1.49	480.96	12.13	134.94
3	8.58	-296.40	-14.41	438.50	24.65	128.54
5	4.07	-494.66	98.72	635.66	142.61	159.98
5	6.33	-386.59	35.81	537.75	133.65	143.70
5	8.58	-257.68	69.45	390.99	65.31	121.46

7	4.07	-490.52	92.68	632.33	127.67	159.39
7	6.33	-358.49	30.72	508.54	118.25	139.16
7	8.58	-218.51	65.91	339.95	40.95	113.84
9	4.07	-513.35	0.39	521.09	1.17	130.29
9	6.33	-435.24	-0.46	491.80	1.21	120.80
9	8.58	-342.47	0.33	433.69	1.92	108.46
10	4.07	-514.83	-0.39	521.47	1.17	130.46
10	6.33	-440.53	0.46	494.35	1.21	121.47
10	8.58	-349.33	-0.33	438.86	1.92	109.42
11	4.07	-507.82	4.44	519.61	6.66	129.64
11	6.33	-434.38	-1.72	491.37	5.92	120.69
11	8.58	-345.36	-3.22	435.88	2.34	108.86
12	4.07	-520.36	-4.44	522.84	6.66	131.11
12	6.33	-441.39	1.72	494.75	5.92	121.58
12	8.58	-346.44	3.22	436.70	2.34	109.01
1	8.58	-210.62	13.42	329.30	23.36	133.49
1	10.46	-182.63	6.37	290.56	37.64	126.52
3	8.58	-207.87	-2.59	325.56	1.42	132.82
3	10.46	-175.45	3.45	280.37	2.06	124.67
5	8.58	-173.47	28.31	277.54	40.28	124.16
5	10.46	-149.47	6.35	242.65	71.50	117.73
7	8.58	-138.88	25.06	226.91	32.84	114.79
7	10.46	-113.86	3.40	188.82	60.83	107.50
9	8.58	-202.66	0.27	298.31	0.44	102.98
9	10.46	-169.07	-0.21	257.22	0.84	95.69
10	8.58	-208.65	-0.27	305.29	0.44	104.23
10	10.46	-175.05	0.21	264.77	0.84	97.02
11	8.58	-205.46	-1.29	301.58	1.05	103.56
11	10.46	-171.34	-0.22	260.09	2.44	96.19
12	8.58	-205.85	1.29	302.04	1.05	103.65
12	10.46	-172.78	0.22	261.92	2.44	96.52

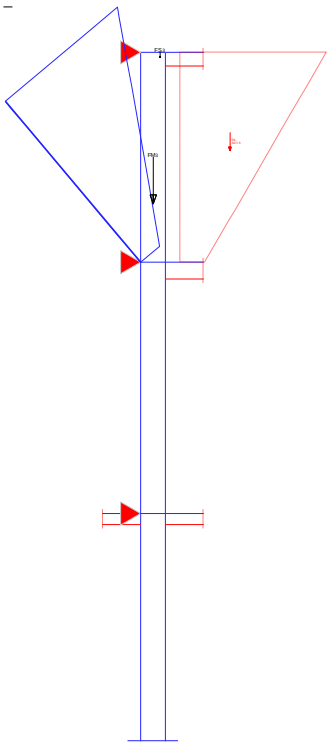
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.93	3.22
0.00	4.07	8	SLD	0.47	1.21	2.47
4.07	8.58	6	SLD	0.59	1.40	2.15
8.58	12.35	4	SLD	0.21	0.58	5.14

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.90	3.32
4.07	8.58	2	SLD	0.38	0.91	3.31
4.07	8.58	8	SLD	0.59	1.39	2.16
8.58	12.35	6	SLD	0.37	1.04	2.87

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.24	2.42
4.07	8.58	4	SLD	0.37	0.88	3.41
8.58	12.35	2	SLD	0.21	0.60	4.99
8.58	12.35	8	SLD	0.36	1.03	2.90

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

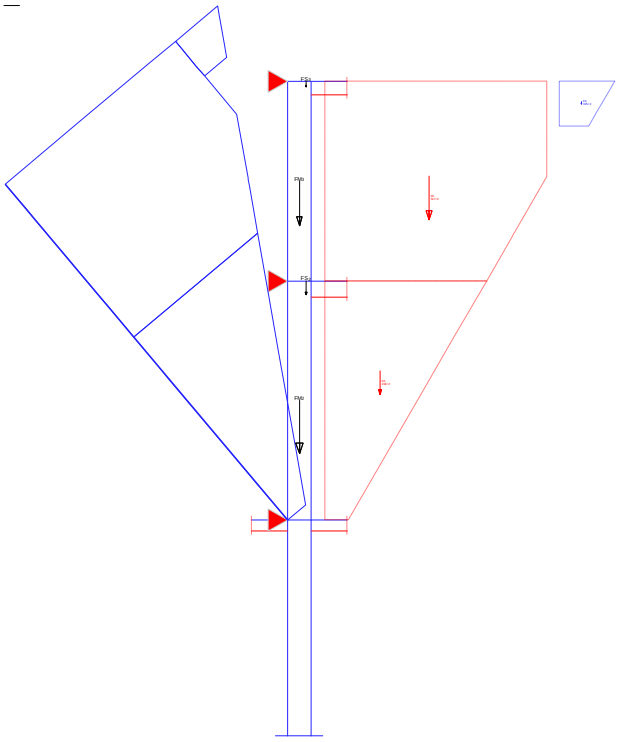


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{317/3}$		48.72	0.67	10.91	Peso ammorsamenti 317/3
FM_3		126.12	0.00	10.46	Peso maschio piano 3
FS_3		14.80	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=18298.60 <kg>
Frazione di massa partecipante e^*=0.95
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=172.23 <mm>
Domanda di spostamento [C8A.4.11]=125.39 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.3736
Domanda di spostamento amplificata [C8A.4.12]=69.20 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4890

Ribalt. a z=4.07 ammors. a z=4.07

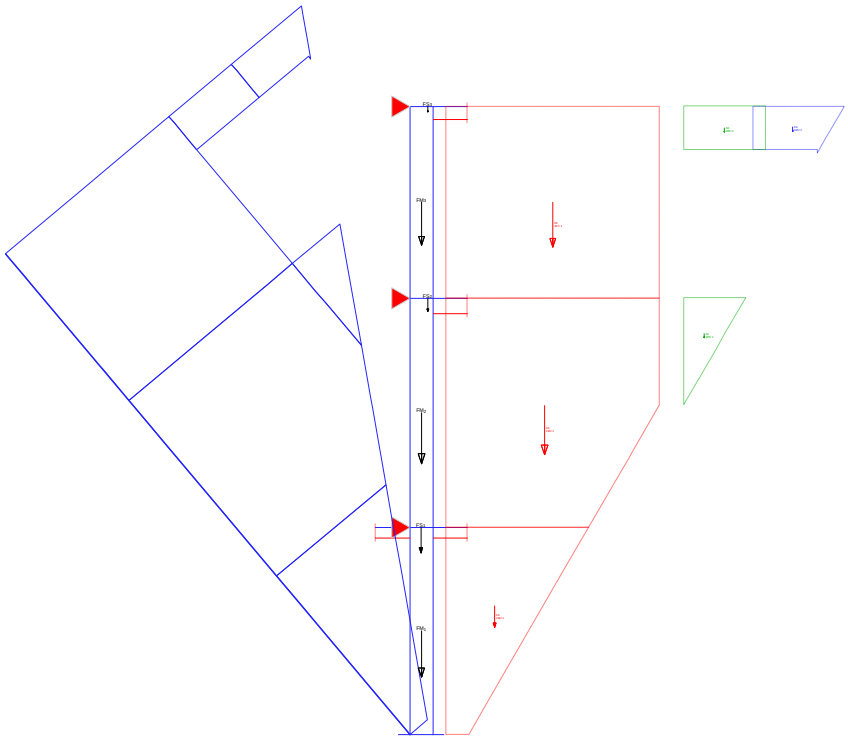


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{218/2}$		66.37	0.81	6.88	Peso ammorsamenti 218/2
$FA_{317/2}$		123.30	1.74	10.56	Peso ammorsamenti 317/2
FM_2		150.87	0.00	6.33	Peso maschio piano 2
FM_3		126.12	0.00	10.46	Peso maschio piano 3
$FA_{325/2}$		5.68	4.38	11.97	Peso ammorsamenti 325/2
FS_2		38.78	0.13	8.58	Peso solaio piano 2
FS_3		14.80	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=45280.90 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=376.65 <mm>
Domanda di spostamento [C8A.4.11]=185.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.0284
Domanda di spostamento amplificata [C8A.4.12]=44.87 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=8.3934

Ribalt. a z=0.00 ammors. a z=0.00

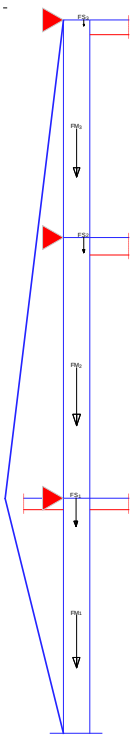


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{128/1}$		62.50	0.73	2.53	Peso ammorsamenti 128/1
$FA_{218/1}$		144.68	1.71	6.47	Peso ammorsamenti 218/1
$FA_{317/1}$		132.69	1.87	10.46	Peso ammorsamenti 317/1
$FA_{315/1}$		12.42	6.34	11.95	Peso ammorsamenti 315/1
FM_1		136.15	0.00	2.04	Peso maschio piano 1
FM_2		150.87	0.00	6.33	Peso maschio piano 2
FM_3		126.12	0.00	10.46	Peso maschio piano 3
$FA_{225/1}$		10.72	4.37	7.88	Peso ammorsamenti 225/1
$FA_{325/1}$		11.42	4.76	11.93	Peso ammorsamenti 325/1
FS_1		74.56	-0.01	4.07	Peso solaio piano 1
FS_2		38.78	0.13	8.58	Peso solaio piano 2
FS_3		14.80	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=76161.10 <kg>
Frazione di massa partecipante e^*=0.82
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=499.78 <mm>
Domanda di spostamento [C8A.4.11]=191.26 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.6131

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

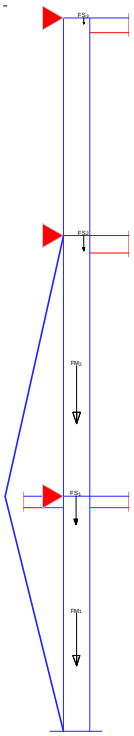


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		136.15	0.00	2.04	Peso maschio piano 1
FM_2		150.87	0.00	6.33	Peso maschio piano 2
FM_3		126.12	0.00	10.46	Peso maschio piano 3
FS_1		74.56	-0.01	4.07	Peso solaio piano 1
FS_2		38.78	0.13	8.58	Peso solaio piano 2
FS_3		14.80	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=44816.90 <kg>
Frazione di massa partecipante e^*=0.81
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=82.94 <mm>
Domanda di spostamento [C8A.4.11]=81.00 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0240

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



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		136.15	0.00	2.04	Peso maschio piano 1
FM_2		150.87	0.00	6.33	Peso maschio piano 2
FS_1		74.56	-0.01	4.07	Peso solaio piano 1
FS_2		38.78	0.13	8.58	Peso solaio piano 2
FS_3		14.80	0.13	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=27533.30 <kg>
Frazione di massa partecipante e^*=0.65
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=68.36 <mm>
Domanda di spostamento [C8A.4.11]=62.58 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0924

Maschio in muratura ordinaria n. 34

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_{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	108	-0.13			0.02	0.00	1.00	8.60	9360.00	2600.00	3900.00	190.13	79.22	118.83
4.07	8.58	0.45	4.21	0.00	206	-0.13			0.02	0.00	1.00	9.36	9360.00	2600.00	3900.00	190.13	79.22	118.83
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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-181.46	3.95	---	---	---	---	---	-2079.67	36.64
							2.04	-190.91	-1.93	---	---	---	---	---	-2079.67	38.31
							4.07	-176.35	-0.90	---	---	---	---	---	-2079.67	35.72
3							0.00	-136.84	3.85	---	---	---	---	---	-2079.67	28.41
							2.04	-150.82	-1.84	---	---	---	---	---	-2079.67	31.04
							4.07	-145.68	-0.77	---	---	---	---	---	-2079.67	30.08
5							0.00	-228.07	1.47	---	---	---	---	---	-2079.67	44.69
							2.04	-235.24	-0.75	---	---	---	---	---	-2079.67	45.89
							4.07	-209.13	-0.70	---	---	---	---	---	-2079.67	41.49
7							0.00	-223.38	-0.76	---	---	---	---	---	-2079.67	43.91
							2.04	-233.16	0.34	---	---	---	---	---	-2079.67	45.54
							4.07	-206.56	-0.40	---	---	---	---	---	-2079.67	41.04
9	-225.21	0.00	24.53	0.00	-0.01	0.03	0.00	-229.06	0.71	-0.00	0.02	0.02	0.26	0.76	-1054.19	41.52
							2.04	-250.58	0.09	---	---	0.02	0.26	0.76	-1054.19	44.39
							4.07	-232.72	-0.62	---	---	0.03	0.42	0.68	-938.52	42.02

10	-229.21	0.00	24.53	0.00	-0.01	0.03	0.00	-228.29	0.24	---	---	0.02	0.26	0.76	-1054.19	41.42
							2.04	-251.08	-0.04	---	---	0.02	0.26	0.76	-1054.19	44.46
							4.07	-233.50	-0.58	0.00	0.02	0.02	0.26	0.76	-1054.19	42.13
11	-228.97	0.00	24.53	0.00	-0.01	0.03	0.00	-232.56	0.48	---	---	0.02	0.26	0.76	-1054.19	42.00
							2.04	-254.07	0.02	---	---	0.02	0.26	0.76	-1054.19	44.84
							4.07	-235.42	-0.60	0.00	0.02	0.02	0.26	0.76	-1054.19	42.39
12	-225.45	0.00	24.53	0.00	-0.01	0.03	0.00	-224.80	0.47	---	---	0.02	0.26	0.76	-1054.19	40.93
							2.04	-247.59	0.03	---	---	0.02	0.26	0.76	-1054.19	44.00
							4.07	-230.80	-0.59	0.00	0.02	0.02	0.26	0.76	-1054.19	41.76
1							4.07	-205.21	-0.63	---	---	---	---	---	-2079.67	40.81
							6.33	-134.75	2.15	---	---	---	---	---	-2079.67	28.01
							8.58	-115.38	-1.22	---	---	---	---	---	-2079.67	24.27
3							4.07	-180.72	-0.54	---	---	---	---	---	-2079.67	36.51
							6.33	-117.30	2.02	---	---	---	---	---	-2079.67	24.64
							8.58	-103.93	-1.04	---	---	---	---	---	-2079.67	22.01
5							4.07	-208.29	-0.45	---	---	---	---	---	-2079.67	41.34
							6.33	-148.17	1.15	---	---	---	---	---	-2079.67	30.54
							8.58	-116.80	-0.89	---	---	---	---	---	-2079.67	24.54
7							4.07	-186.44	-0.20	---	---	---	---	---	-2079.67	37.52
							6.33	-142.21	0.17	---	---	---	---	---	-2079.67	29.42
							8.58	-106.56	-0.43	---	---	---	---	---	-2079.67	22.53
9	-92.56	0.00	16.48	0.00	-0.02	0.04	4.07	-225.21	-0.25	---	---	0.02	0.28	0.73	-1016.44	40.99
							6.33	-170.85	0.55	---	---	0.02	0.28	0.73	-1016.44	32.87
							8.58	-137.71	-0.61	0.00	0.02	0.02	0.33	0.71	-984.56	27.36
10	-94.96	0.00	16.48	0.00	-0.02	0.04	4.07	-229.21	-0.29	---	---	0.02	0.28	0.73	-1016.44	41.54
							6.33	-172.09	0.72	-0.00	0.02	0.02	0.32	0.71	-988.64	33.07
							8.58	-139.58	-0.66	---	---	0.04	0.53	0.61	-850.71	27.69
11	-94.37	0.00	16.48	0.00	-0.02	0.04	4.07	-228.97	-0.26	---	---	0.02	0.28	0.73	-1016.44	41.51
							6.33	-172.73	0.65	---	---	0.02	0.28	0.73	-1016.44	33.17
							8.58	-139.47	-0.65	0.00	0.02	0.02	0.33	0.71	-984.10	27.67
12	-93.14	0.00	16.48	0.00	-0.02	0.04	4.07	-225.45	-0.28	---	---	0.02	0.28	0.73	-1016.44	41.02
							6.33	-170.20	0.63	-0.00	0.02	0.02	0.32	0.72	-992.08	32.76
							8.58	-137.82	-0.62	---	---	0.04	0.53	0.61	-848.88	27.38
1							8.58	-92.62	-1.12	---	---	---	---	---	-711.00	17.65
							10.46	-70.72	1.28	---	---	---	---	---	-711.00	14.05
3							8.58	-84.44	-1.03	---	---	---	---	---	-711.00	16.34
							10.46	-64.08	1.09	---	---	---	---	---	-711.00	12.89
5							8.58	-85.18	-0.59	---	---	---	---	---	-711.00	16.46
							10.46	-66.97	0.83	---	---	---	---	---	-711.00	13.40
7							8.58	-70.62	-0.05	---	---	---	---	---	-711.00	14.03
							10.46	-57.10	0.27	---	---	---	---	---	-711.00	11.63
9	0.00	0.00	5.35	0.00	-0.13	0.14	8.58	-92.56	-0.27	---	---	0.02	0.23	0.79	-373.76	16.04
							10.46	-75.61	0.38	-0.01	0.08	0.08	1.02	0.49	-230.05	13.82
10	0.00	0.00	5.35	0.00	-0.13	0.14	8.58	-94.96	-0.35	---	---	0.02	0.23	0.79	-373.76	16.33
							10.46	-77.30	0.45	-0.01	0.08	0.08	1.03	0.48	-228.39	14.05
11	0.00	0.00	5.35	0.00	-0.13	0.14	8.58	-94.37	-0.32	---	---	0.02	0.23	0.79	-373.76	16.26
							10.46	-77.01	0.43	-0.01	0.08	0.08	1.03	0.48	-228.91	14.02
12	0.00	0.00	5.35	0.00	-0.13	0.14	8.58	-93.14	-0.30	---	---	0.02	0.23	0.79	-373.76	16.11
							10.46	-75.90	0.40	-0.01	0.08	0.08	1.03	0.48	-229.51	13.86

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-181.46	0.00	96.48	16.25	83.04
1	2.04	-190.91	0.00	100.90	19.42	84.62
1	4.07	-176.35	0.00	94.07	23.46	82.16
3	0.00	-136.84	-0.00	74.80	2.88	75.09
3	2.04	-150.82	-0.00	81.74	0.92	77.67
3	4.07	-145.68	-0.00	79.20	4.09	76.73
5	0.00	-228.07	0.00	117.69	33.89	90.59
5	2.04	-235.24	0.00	120.83	33.88	91.70
5	4.07	-209.13	0.00	109.25	36.41	87.60
7	0.00	-223.38	0.00	115.63	29.88	89.86
7	2.04	-233.16	0.00	119.93	27.78	91.38
7	4.07	-206.56	0.00	108.08	28.15	87.19
9	0.00	-229.06	-0.00	109.34	0.42	71.37
9	2.04	-250.58	0.00	116.90	0.62	74.15
9	4.07	-232.72	0.00	110.66	0.78	71.85
10	0.00	-228.29	0.00	109.06	0.42	71.27
10	2.04	-251.08	-0.00	117.07	0.62	74.21
10	4.07	-233.50	-0.00	110.94	0.78	71.95
11	0.00	-232.56	-0.00	110.60	2.20	71.83
11	2.04	-254.07	-0.00	118.08	2.07	74.59
11	4.07	-235.42	-0.00	111.62	1.79	72.20
12	0.00	-224.80	0.00	107.78	2.20	70.81
12	2.04	-247.59	0.00	115.88	2.07	73.77
12	4.07	-230.80	0.00	109.97	1.79	71.60
1	4.07	-205.21	0.00	107.47	26.55	86.97

1	6.33	-134.75	0.00	73.76	11.66	74.70
1	8.58	-115.38	0.00	63.90	14.29	70.95
3	4.07	-180.72	0.00	96.13	9.01	82.91
3	6.33	-117.30	0.00	64.89	8.81	71.33
3	8.58	-103.93	0.00	57.96	2.31	68.64
5	4.07	-208.29	0.00	108.87	61.90	87.47
5	6.33	-148.17	0.00	80.43	34.56	77.18
5	8.58	-116.80	0.00	64.63	29.47	71.23
7	4.07	-186.44	0.00	98.82	56.64	83.88
7	6.33	-142.21	0.00	77.48	33.70	76.09
7	8.58	-106.56	0.00	59.33	25.87	69.18
9	4.07	-225.21	0.00	107.94	0.47	70.86
9	6.33	-170.85	0.00	86.55	0.04	63.25
9	8.58	-137.71	0.00	72.06	0.26	58.13
10	4.07	-229.21	-0.00	109.39	0.47	71.39
10	6.33	-172.09	-0.00	87.07	0.04	63.44
10	8.58	-139.58	-0.00	72.91	0.26	58.43
11	4.07	-228.97	-0.00	109.31	2.96	71.36
11	6.33	-172.73	-0.00	87.34	1.42	63.53
11	8.58	-139.47	-0.00	72.86	1.05	58.41
12	4.07	-225.45	0.00	108.02	2.96	70.89
12	6.33	-170.20	0.00	86.28	1.42	63.16
12	8.58	-137.82	0.00	72.11	1.05	58.14
1	8.58	-92.62	0.00	46.47	5.67	33.17
1	10.46	-70.72	0.00	37.00	7.54	29.82
3	8.58	-84.44	0.00	43.04	4.59	31.96
3	10.46	-64.08	0.00	33.94	2.29	28.73
5	8.58	-85.18	0.00	43.35	17.25	32.07
5	10.46	-66.97	0.00	35.28	10.23	29.21
7	8.58	-70.62	0.00	36.96	16.93	29.81
7	10.46	-57.10	0.00	30.64	7.28	27.54
9	8.58	-92.56	0.00	42.24	0.00	26.21
9	10.46	-75.61	0.00	36.39	0.24	24.04
10	8.58	-94.96	-0.00	43.00	0.00	26.50
10	10.46	-77.30	-0.00	37.01	0.24	24.27
11	8.58	-94.37	-0.00	42.82	0.55	26.43
11	10.46	-77.01	-0.00	36.91	0.13	24.23
12	8.58	-93.14	0.00	42.43	0.55	26.28
12	10.46	-75.90	0.00	36.50	0.13	24.08

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.13
0.00	4.07	8	SLD	0.47	1.21	2.47
4.07	8.58	6	SLD	0.59	1.40	2.15
8.58	12.35	4	SLD	0.21	0.59	5.07

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.93	3.23
4.07	8.58	2	SLD	0.38	0.91	3.30
4.07	8.58	8	SLD	0.59	1.39	2.16
8.58	12.35	6	SLD	0.37	1.05	2.87

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.24	2.42
4.07	8.58	4	SLD	0.37	0.88	3.40
8.58	12.35	2	SLD	0.21	0.61	4.92
8.58	12.35	8	SLD	0.36	1.03	2.90

Maschio in muratura ordinaria n. 35

Xg=10.70 <m> Yg=9.51 <m> L=4.33 <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	108	-0.13			0.02	0.00	1.00	8.60	9360.00	2600.00	3900.00	190.13	79.22	118.83
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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-1018.84	-21.91	---	---	---	---	---	-7607.93	193.12
							2.04	-953.59	-5.61	---	---	---	---	---	-7607.93	182.92
							4.07	-609.90	-3.38	---	---	---	---	---	-7607.93	124.28
3							0.00	-1012.74	-20.41	---	---	---	---	---	-7607.93	192.18
							2.04	-925.99	-5.05	---	---	---	---	---	-7607.93	178.51
							4.07	-572.98	-3.21	---	---	---	---	---	-7607.93	117.50
5							0.00	-1022.48	-9.47	---	---	---	---	---	-7607.93	193.68
							2.04	-978.02	-2.72	---	---	---	---	---	-7607.93	186.77
							4.07	-637.51	-1.95	---	---	---	---	---	-7607.93	129.30
7							0.00	-1019.52	2.69	---	---	---	---	---	-7607.93	193.23
							2.04	-971.35	0.32	---	---	---	---	---	-7607.93	185.73
							4.07	-624.26	-0.55	---	---	---	---	---	-7607.93	126.90
9	-812.97	0.00	89.74	0.00	-0.01	0.03	0.00	-1455.50	0.71	---	---	0.02	0.26	0.76	-3856.48	216.92
							2.04	-1356.13	-0.71	---	---	0.02	0.26	0.76	-3856.48	209.15

							4.07	-842.16	-1.58	0.00	0.02	0.02	0.26	0.76	-3856.48	152.47
10	-814.89	0.00	89.74	0.00	-0.01	0.03	0.00	-1455.97	-1.82	---	---	0.02	0.26	0.76	-3856.48	216.96
							2.04	-1357.41	0.07	---	---	0.02	0.26	0.76	-3856.48	209.25
							4.07	-844.73	-1.83	0.00	0.02	0.02	0.26	0.76	-3856.48	152.82
11	-817.61	0.00	89.74	0.00	-0.01	0.03	0.00	-1455.54	-0.69	---	---	0.02	0.26	0.76	-3856.48	216.93
							2.04	-1359.49	-0.32	---	---	0.02	0.26	0.76	-3856.48	209.43
							4.07	-847.03	-1.70	0.00	0.02	0.02	0.26	0.76	-3856.48	153.14
12	-810.25	0.00	89.74	0.00	-0.01	0.03	0.00	-1455.94	-0.42	---	---	0.02	0.26	0.76	-3856.48	216.96
							2.04	-1354.04	-0.32	---	---	0.02	0.26	0.76	-3856.48	208.97
							4.07	-839.86	-1.71	0.00	0.02	0.02	0.26	0.76	-3856.48	152.16
1							4.07	-592.68	-10.19	---	---	---	---	---	-2601.00	97.60
							6.33	-497.23	8.78	---	---	---	---	---	-2601.00	86.71
							8.58	-365.67	-5.92	---	---	---	---	---	-2601.00	68.67
3							4.07	-557.48	-9.57	---	---	---	---	---	-2601.00	93.80
							6.33	-404.21	8.41	---	---	---	---	---	-2601.00	74.32
							8.58	-293.62	-5.43	---	---	---	---	---	-2601.00	57.29
5							4.07	-622.34	-4.49	---	---	---	---	---	-2601.00	100.61
							6.33	-586.00	3.77	---	---	---	---	---	-2601.00	96.90
							8.58	-424.53	-2.74	---	---	---	---	---	-2601.00	77.18
7							4.07	-612.57	1.01	---	---	---	---	---	-2601.00	99.64
							6.33	-569.09	-0.90	---	---	---	---	---	-2601.00	95.09
							8.58	-402.92	0.49	---	---	---	---	---	-2601.00	74.14
9	-345.35	0.00	60.27	0.00	-0.02	0.04	4.07	-812.97	-0.44	---	---	0.02	0.28	0.73	-1271.23	82.02
							6.33	-640.11	0.73	-0.00	0.02	0.02	0.28	0.73	-1271.23	81.48
							8.58	-456.31	-0.49	---	---	0.04	0.53	0.61	-1063.27	70.88
10	-349.90	0.00	60.27	0.00	-0.02	0.04	4.07	-814.89	-1.55	---	---	0.02	0.28	0.73	-1271.23	81.98
							6.33	-643.27	1.55	-0.00	0.02	0.02	0.30	0.73	-1257.93	81.57
							8.58	-460.12	-0.93	---	---	0.04	0.53	0.61	-1064.81	71.21
11	-352.58	0.00	60.27	0.00	-0.02	0.04	4.07	-817.61	-1.05	---	---	0.02	0.28	0.73	-1271.23	81.91
							6.33	-649.87	1.17	-0.00	0.02	0.02	0.29	0.73	-1265.77	81.75
							8.58	-464.37	-0.69	---	---	0.04	0.53	0.61	-1065.70	71.56
12	-342.67	0.00	60.27	0.00	-0.02	0.04	4.07	-810.25	-0.94	---	---	0.02	0.28	0.73	-1271.23	82.09
							6.33	-633.51	1.12	-0.00	0.02	0.02	0.29	0.73	-1263.51	81.27
							8.58	-452.06	-0.73	---	---	0.04	0.53	0.61	-1062.35	70.52
1							8.58	-305.25	-8.42	---	---	---	---	---	-2601.00	59.20
							10.46	-292.47	-11.44	---	---	---	---	---	-2601.00	57.10
3							8.58	-247.33	-8.07	---	---	---	---	---	-2601.00	49.42
							10.46	-236.63	-10.83	---	---	---	---	---	-2601.00	47.54
5							8.58	-342.22	-4.01	---	---	---	---	---	-2601.00	65.08
							10.46	-318.91	-4.45	---	---	---	---	---	-2601.00	61.40
7							8.58	-315.99	0.12	---	---	---	---	---	-2601.00	60.94
							10.46	-285.74	2.15	---	---	---	---	---	-2601.00	55.98
9	0.00	0.00	19.57	0.00	-0.13	0.14	8.58	-345.35	-1.94	0.01	0.08	0.08	1.03	0.48	-836.56	59.50
							10.46	-314.20	-0.59	---	---	0.07	0.96	0.51	-879.50	55.62
10	0.00	0.00	19.57	0.00	-0.13	0.14	8.58	-349.90	-2.54	0.01	0.08	0.08	1.05	0.48	-823.76	60.04
							10.46	-319.91	0.23	---	---	0.07	0.96	0.51	-879.50	56.36
11	0.00	0.00	19.57	0.00	-0.13	0.14	8.58	-352.58	-2.25	0.01	0.08	0.08	1.04	0.48	-830.63	60.35
							10.46	-321.70	-0.18	---	---	0.07	0.96	0.51	-879.50	56.58
12	0.00	0.00	19.57	0.00	-0.13	0.14	8.58	-342.67	-2.23	0.01	0.08	0.08	1.04	0.48	-829.60	59.18
							10.46	-312.40	-0.18	---	---	0.07	0.96	0.51	-879.50	55.39

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-1018.84	48.90	1860.40	67.70	538.43
1	2.04	-953.59	27.48	1762.13	67.78	524.20
1	4.07	-609.90	14.57	1197.27	54.68	441.71
3	0.00	-1012.74	-41.49	1851.35	48.26	537.11
3	2.04	-925.99	-19.30	1719.68	55.29	518.05
3	4.07	-572.98	6.72	1131.89	9.41	431.92
5	0.00	-1022.48	151.77	1865.81	196.19	539.21
5	2.04	-978.02	79.18	1799.26	206.99	529.57
5	4.07	-637.51	16.28	1245.58	113.60	448.90
7	0.00	-1019.52	149.55	1861.42	190.36	538.57
7	2.04	-971.35	76.73	1789.16	203.24	528.11
7	4.07	-624.26	9.89	1222.47	100.02	445.47
9	0.00	-1455.50	0.14	2089.70	0.63	498.81
9	2.04	-1356.13	0.18	2014.78	0.46	483.17
9	4.07	-842.16	-0.54	1468.81	1.28	392.46
10	0.00	-1455.97	-0.14	2090.03	0.63	498.88
10	2.04	-1357.41	-0.18	2015.81	0.46	483.37
10	4.07	-844.73	0.54	1472.20	1.28	392.97
11	0.00	-1455.54	8.34	2089.72	12.52	498.81
11	2.04	-1359.49	3.91	2017.48	12.62	483.71
11	4.07	-847.03	0.22	1475.23	6.15	393.42
12	0.00	-1455.94	-8.34	2090.01	12.52	498.88
12	2.04	-1354.04	-3.91	2013.10	12.62	482.83
12	4.07	-839.86	-0.22	1465.77	6.15	392.01

1	4.07	-592.68	14.57	940.25	53.19	230.76
1	6.33	-497.23	30.85	835.35	54.61	213.74
1	8.58	-365.67	12.64	661.50	39.28	187.78
3	4.07	-557.48	-5.29	903.65	48.52	224.63
3	6.33	-404.21	-1.49	715.95	46.50	195.74
3	8.58	-293.62	-2.00	551.90	15.38	171.90
5	4.07	-622.34	34.50	969.21	170.21	235.80
5	6.33	-586.00	58.30	933.50	169.73	229.61
5	8.58	-424.53	25.99	743.48	94.70	199.81
7	4.07	-612.57	31.71	959.86	168.81	234.15
7	6.33	-569.09	49.49	915.99	167.30	226.67
7	8.58	-402.92	22.80	714.17	87.53	195.48
9	4.07	-812.97	-0.29	790.17	0.04	213.88
9	6.33	-640.11	-0.73	784.88	0.29	191.34
9	8.58	-456.31	-0.27	682.85	0.57	164.01
10	4.07	-814.89	0.29	789.74	0.04	214.11
10	6.33	-643.27	0.73	785.76	0.29	191.77
10	8.58	-460.12	0.27	685.97	0.57	164.62
11	4.07	-817.61	1.12	789.10	8.18	214.45
11	6.33	-649.87	-2.88	787.52	7.55	192.68
11	8.58	-464.37	-1.31	689.40	3.75	165.30
12	4.07	-810.25	-1.12	790.77	8.18	213.54
12	6.33	-633.51	2.88	782.94	7.55	190.43
12	8.58	-452.06	1.31	679.31	3.75	163.32
1	8.58	-305.25	3.30	570.27	42.24	174.56
1	10.46	-292.47	1.23	550.07	34.50	171.63
3	8.58	-247.33	-0.71	476.11	0.11	160.88
3	10.46	-236.63	-0.29	458.00	1.89	158.22
5	8.58	-342.22	7.07	626.94	76.90	182.76
5	10.46	-318.91	2.67	591.53	65.54	177.63
7	8.58	-315.99	6.30	587.02	64.26	176.98
7	10.46	-285.74	2.39	539.29	55.76	170.07
9	8.58	-345.35	-0.12	573.15	0.99	145.04
9	10.46	-314.20	0.00	535.85	0.75	139.25
10	8.58	-349.90	0.12	578.37	0.99	145.87
10	10.46	-319.91	-0.00	542.90	0.75	140.33
11	8.58	-352.58	0.05	581.40	2.42	146.35
11	10.46	-321.70	-0.09	545.10	1.97	140.67
12	8.58	-342.67	-0.05	570.05	2.42	144.55
12	10.46	-312.40	0.09	533.61	1.97	138.91

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.16
0.00	4.07	8	SLD	0.47	1.21	2.47
4.07	8.58	6	SLD	0.59	1.40	2.15
8.58	12.35	4	SLD	0.21	0.59	5.09

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.92	3.25
4.07	8.58	2	SLD	0.38	0.91	3.29
4.07	8.58	8	SLD	0.59	1.39	2.16
8.58	12.35	6	SLD	0.37	1.04	2.88

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.24	2.42
4.07	8.58	4	SLD	0.37	0.89	3.39
8.58	12.35	2	SLD	0.21	0.60	4.99
8.58	12.35	8	SLD	0.36	1.04	2.90

Maschio in muratura ordinaria n. 36

Xg=14.39 <m> Yg=2.85 <m> L=5.69 <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	0.43	3.87		103	-0.12	107	0.12	0.02	5.69	0.82	7.38	3200.00	888.89	1333.33	65.00	27.08	40.63
					116	-0.12												

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-727.68	17.20	---	---	---	---	---	-3262.27	115.39
							2.04	-495.13	1.45	---	---	---	---	---	-3262.27	87.45
3							0.00	-667.33	16.44	---	---	---	---	---	-3262.27	108.95
							2.04	-451.42	1.30	---	---	---	---	---	-3262.27	81.25
5							0.00	-722.01	6.87	---	---	---	---	---	-3262.27	114.81
							2.04	-526.29	0.77	---	---	---	---	---	-3262.27	91.68
7							0.00	-656.81	-2.74	---	---	---	---	---	-3262.27	107.77
							2.04	-509.28	0.04	---	---	---	---	---	-3262.27	89.39
9	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-831.34	-0.74	---	---	0.02	0.27	0.78	-1696.02	98.36
							2.04	-651.78	0.38	---	---	0.02	0.27	0.78	-1696.02	90.73
10	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-843.53	1.24	---	---	0.02	0.27	0.78	-1696.02	98.60
							2.04	-654.71	0.01	---	---	0.02	0.27	0.78	-1696.02	90.91
11	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-832.22	0.31	---	---	0.02	0.27	0.78	-1696.02	98.38
							2.04	-649.47	0.20	---	---	0.02	0.27	0.78	-1696.02	90.58

12	0.00	0.00	102.23	117.79	0.01	0.03	0.00	-842.65	0.19	---	---	0.02	0.27	0.78	-1696.02	98.59
							2.04	-657.02	0.19	---	---	0.02	0.27	0.78	-1696.02	91.05

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-727.68	158.59	1526.96	87.76	286.72
1	2.04	-495.13	54.02	1157.12	94.73	243.09
3	0.00	-667.33	29.80	1441.64	44.40	276.06
3	2.04	-451.42	-9.30	1075.21	49.68	233.99
5	0.00	-722.01	242.90	1519.28	226.78	285.74
5	2.04	-526.29	112.24	1213.11	247.44	249.38
7	0.00	-656.81	186.38	1426.01	213.78	274.16
7	2.04	-509.28	98.82	1182.79	233.93	245.97
9	0.00	-831.34	-5.43	1301.53	1.17	243.88
9	2.04	-651.78	1.22	1200.53	1.23	218.13
10	0.00	-843.53	5.43	1304.79	1.17	245.53
10	2.04	-654.71	-1.22	1202.97	1.23	218.58
11	0.00	-832.22	11.83	1301.78	13.56	244.00
11	2.04	-649.47	5.48	1198.58	13.95	217.78
12	0.00	-842.65	-11.83	1304.57	13.56	245.42
12	2.04	-657.02	-5.48	1204.88	13.95	218.93

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.93	3.24
0.00	4.07	8	SLD	0.47	1.21	2.48

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.90	3.32

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.44

Maschio in muratura ordinaria n. 37

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_{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	9360.00	2600.00	3900.00	190.13	79.22	118.83
					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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-234.12	4.71	---	---	---	---	---	-1421.55	42.47
							2.04	-191.39	-1.97	---	---	---	---	---	-1421.55	36.24
							4.07	-112.64	1.95	---	---	---	---	---	-1421.55	22.98
3							0.00	-215.48	4.55	---	---	---	---	---	-1421.55	39.84
							2.04	-181.00	-1.90	---	---	---	---	---	-1421.55	34.63
							4.07	-98.12	1.88	---	---	---	---	---	-1421.55	20.28
5							0.00	-229.34	2.82	---	---	---	---	---	-1421.55	41.81
							2.04	-189.29	-1.76	---	---	---	---	---	-1421.55	35.92
							4.07	-120.88	1.45	---	---	---	---	---	-1421.55	24.48
7							0.00	-206.60	1.04	---	---	---	---	---	-1421.55	38.54
							2.04	-177.11	-1.49	---	---	---	---	---	-1421.55	34.01
							4.07	-113.43	0.95	---	---	---	---	---	-1421.55	23.13
9	-170.62	0.00	14.10	16.77	0.00	0.02	0.00	-262.35	2.03	---	---	0.02	0.26	0.76	-720.59	39.80
							2.04	-238.15	-2.08	0.01	0.02	0.02	0.26	0.76	-720.59	37.74
							4.07	-142.18	1.66	---	---	0.02	0.28	0.75	-709.92	26.34
10	-171.47	0.00	14.10	16.77	0.00	0.02	0.00	-266.50	2.39	-0.01	0.02	0.02	0.26	0.76	-719.84	40.13
							2.04	-240.16	-2.16	---	---	0.02	0.26	0.76	-720.59	37.93
							4.07	-143.01	1.56	---	---	0.02	0.28	0.75	-709.96	26.46
11	-172.61	0.00	14.10	16.77	0.00	0.02	0.00	-262.70	2.19	-0.01	0.02	0.02	0.26	0.76	-720.59	39.83
							2.04	-238.25	-2.12	---	---	0.02	0.26	0.76	-720.59	37.75
							4.07	-143.85	1.61	---	---	0.02	0.28	0.75	-710.02	26.59
12	-169.48	0.00	14.10	16.77	0.00	0.02	0.00	-266.15	2.22	-0.01	0.02	0.02	0.26	0.76	-720.59	40.10
							2.04	-240.06	-2.12	---	---	0.02	0.26	0.76	-720.59	37.92
							4.07	-141.33	1.61	---	---	0.02	0.28	0.75	-709.86	26.22
1							4.07	-139.11	1.92	---	---	---	---	---	-486.00	20.76
							6.33	-139.03	-0.53	---	---	---	---	---	-486.00	20.75
							8.58	-95.38	-0.40	---	---	---	---	---	-486.00	16.51
3							4.07	-121.12	1.79	---	---	---	---	---	-486.00	19.26
							6.33	-128.13	-0.48	---	---	---	---	---	-486.00	19.89
							8.58	-94.10	-0.34	---	---	---	---	---	-486.00	16.35
5							4.07	-149.47	1.34	---	---	---	---	---	-486.00	21.46

							6.33	-132.00	-0.26	---	---	---	---	---	-486.00	20.21
							8.58	-82.68	-0.23	---	---	---	---	---	-486.00	14.88
7							4.07	-140.36	0.71	---	---	---	---	---	-486.00	20.85
							6.33	-115.08	0.03	---	---	---	---	---	-486.00	18.68
							8.58	-70.51	-0.02	---	---	---	---	---	-486.00	13.16
9	-79.71	0.00	18.21	11.26	0.00	0.02	4.07	-170.62	1.11	-0.01	0.02	0.02	0.28	0.73	-237.53	14.61
							6.33	-160.89	0.01	---	---	0.02	0.28	0.73	-237.53	15.05
							8.58	-118.06	0.04	---	---	0.02	0.28	0.73	-237.53	15.18
10	-78.27	0.00	18.21	11.26	0.00	0.02	4.07	-171.47	1.21	-0.01	0.02	0.02	0.28	0.73	-237.53	14.56
							6.33	-157.86	-0.02	---	---	0.02	0.28	0.73	-237.53	15.16
							8.58	-115.95	0.01	---	---	0.02	0.28	0.73	-237.53	15.10
11	-79.57	0.00	18.21	11.26	0.00	0.02	4.07	-172.61	1.17	-0.01	0.02	0.02	0.28	0.73	-237.53	14.50
							6.33	-158.67	-0.01	---	---	0.02	0.28	0.73	-237.53	15.13
							8.58	-117.16	0.02	---	---	0.02	0.28	0.73	-237.53	15.15
12	-78.41	0.00	18.21	11.26	0.00	0.02	4.07	-169.48	1.15	-0.01	0.02	0.02	0.28	0.73	-237.53	14.67
							6.33	-160.08	-0.00	---	---	0.02	0.28	0.73	-237.53	15.08
							8.58	-116.85	0.03	---	---	0.02	0.28	0.73	-237.53	15.14
1							8.58	-70.24	1.15	---	---	---	---	---	-486.00	13.12
							10.46	-53.31	-0.33	---	---	---	---	---	-486.00	10.45
3							8.58	-63.01	1.11	---	---	---	---	---	-486.00	12.02
							10.46	-50.88	-0.27	---	---	---	---	---	-486.00	10.04
5							8.58	-69.15	0.81	---	---	---	---	---	-486.00	12.95
							10.46	-46.02	-0.29	---	---	---	---	---	-486.00	9.20
7							8.58	-60.99	0.48	---	---	---	---	---	-486.00	11.70
							10.46	-37.35	-0.20	---	---	---	---	---	-486.00	7.64
9	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-79.71	0.85	-0.01	0.02	0.02	0.26	0.77	-248.41	12.74
							10.46	-53.75	-0.25	---	---	0.02	0.24	0.78	-251.57	9.73
10	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-78.27	0.87	-0.01	0.02	0.02	0.27	0.76	-247.21	12.61
							10.46	-52.32	-0.26	---	---	0.02	0.24	0.78	-251.57	9.54
11	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-79.57	0.86	-0.01	0.02	0.02	0.27	0.77	-248.03	12.73
							10.46	-53.28	-0.26	---	---	0.02	0.24	0.78	-251.57	9.67
12	0.00	0.00	0.00	3.66	0.00	0.02	8.58	-78.41	0.86	-0.01	0.02	0.02	0.27	0.76	-247.60	12.62
							10.46	-52.79	-0.25	---	---	0.02	0.24	0.78	-251.57	9.60

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-234.12	0.00	76.45	27.83	73.08
1	2.04	-191.39	0.00	65.24	32.60	67.22
1	4.07	-112.64	0.00	41.37	14.55	54.79
3	0.00	-215.48	0.00	71.71	1.97	70.58
3	2.04	-181.00	0.00	62.33	2.90	65.71
3	4.07	-98.12	0.00	36.51	7.66	52.18
5	0.00	-229.34	0.00	75.25	53.55	72.45
5	2.04	-189.29	0.00	64.65	54.84	66.92
5	4.07	-120.88	0.00	44.06	14.82	56.22
7	0.00	-206.60	0.00	69.37	45.79	69.36
7	2.04	-177.11	0.00	61.22	44.19	65.14
7	4.07	-113.43	0.00	41.63	8.15	54.93
9	0.00	-262.35	-0.00	71.65	0.73	61.13
9	2.04	-238.15	-0.00	67.94	1.01	58.54
9	4.07	-142.18	-0.00	47.42	0.61	46.85
10	0.00	-266.50	0.00	72.23	0.73	61.57
10	2.04	-240.16	0.00	68.27	1.01	58.76
10	4.07	-143.01	0.00	47.64	0.61	46.97
11	0.00	-262.70	-0.00	71.70	3.00	61.17
11	2.04	-238.25	-0.00	67.95	2.89	58.55
11	4.07	-143.85	0.00	47.86	0.66	47.08
12	0.00	-266.15	0.00	72.18	3.00	61.53
12	2.04	-240.06	0.00	68.25	2.89	58.75
12	4.07	-141.33	-0.00	47.20	0.66	46.74
1	4.07	-139.11	0.00	37.37	12.16	31.83
1	6.33	-139.03	0.00	37.36	10.83	31.82
1	8.58	-95.38	0.00	29.71	0.82	26.93
3	4.07	-121.12	0.00	34.67	3.88	29.91
3	6.33	-128.13	0.00	35.80	4.96	30.67
3	8.58	-94.10	0.00	29.43	0.46	26.77
5	4.07	-149.47	0.00	38.63	16.20	32.88
5	6.33	-132.00	0.00	36.38	12.15	31.08
5	8.58	-82.68	0.00	26.78	0.79	25.33
7	4.07	-140.36	0.00	37.53	11.39	31.96
7	6.33	-115.08	0.00	33.62	7.41	29.24
7	8.58	-70.51	-0.00	23.68	0.41	23.70
9	4.07	-170.62	-0.00	26.29	0.37	28.14
9	6.33	-160.89	0.00	27.09	0.36	27.37
9	8.58	-118.06	0.00	27.32	0.01	23.69
10	4.07	-171.47	0.00	26.21	0.37	28.21
10	6.33	-157.86	-0.00	27.29	0.36	27.13

10	8.58	-115.95	-0.00	27.19	0.01	23.50
11	4.07	-172.61	0.00	26.09	0.70	28.30
11	6.33	-158.67	-0.00	27.24	0.41	27.19
11	8.58	-117.16	0.00	27.26	0.03	23.61
12	4.07	-169.48	-0.00	26.40	0.70	28.05
12	6.33	-160.08	0.00	27.15	0.41	27.31
12	8.58	-116.85	-0.00	27.24	0.03	23.58
1	8.58	-70.24	0.00	23.61	8.38	23.66
1	10.46	-53.31	0.00	18.80	2.73	21.17
3	8.58	-63.01	0.00	21.63	1.95	22.63
3	10.46	-50.88	0.00	18.07	1.16	20.79
5	8.58	-69.15	0.00	23.32	12.26	23.51
5	10.46	-46.02	0.00	16.56	6.72	20.01
7	8.58	-60.99	0.00	21.05	9.16	22.34
7	10.46	-37.35	-0.00	13.76	6.25	18.53
9	8.58	-79.71	0.00	22.94	0.20	19.83
9	10.46	-53.75	0.00	17.52	0.02	16.71
10	8.58	-78.27	-0.00	22.69	0.20	19.67
10	10.46	-52.32	-0.00	17.16	0.02	16.52
11	8.58	-79.57	0.00	22.91	0.45	19.81
11	10.46	-53.28	0.00	17.40	0.22	16.65
12	8.58	-78.41	-0.00	22.71	0.45	19.68
12	10.46	-52.79	-0.00	17.28	0.22	16.58

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.19
0.00	4.07	8	SLD	0.47	1.21	2.48
4.07	8.58	6	SLD	0.58	1.38	2.18
8.58	12.35	4	SLD	0.21	0.57	5.24

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.92	3.27
4.07	8.58	2	SLD	0.38	0.91	3.28
4.07	8.58	8	SLD	0.57	1.36	2.20
8.58	12.35	6	SLD	0.37	1.00	2.99

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.44
4.07	8.58	4	SLD	0.37	0.88	3.42
8.58	12.35	2	SLD	0.21	0.56	5.33
8.58	12.35	8	SLD	0.37	1.01	2.97

Maschio in muratura ordinaria n. 38

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_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	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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-511.45	10.69	---	---	---	---	---	-2136.00	82.66
							2.04	-459.71	-2.71	---	---	---	---	---	-2136.00	77.25
							4.07	-449.72	5.13	---	---	---	---	---	-2136.00	76.12
3							0.00	-426.44	10.62	---	---	---	---	---	-2136.00	73.41
							2.04	-397.79	-2.48	---	---	---	---	---	-2136.00	69.89
							4.07	-442.30	4.64	---	---	---	---	---	-2136.00	75.27
5							0.00	-591.19	4.68	---	---	---	---	---	-2136.00	89.70
							2.04	-520.67	-1.94	---	---	---	---	---	-2136.00	83.56
							4.07	-420.62	2.98	---	---	---	---	---	-2136.00	72.71
7							0.00	-574.54	-0.55	---	---	---	---	---	-2136.00	88.36
							2.04	-511.00	-1.04	---	---	---	---	---	-2136.00	82.62
							4.07	-388.27	0.65	---	---	---	---	---	-2136.00	68.68
9	-511.56	0.00	62.29	73.70	0.00	0.02	0.00	-652.07	1.67	---	---	0.02	0.26	0.76	-1082.75	67.68
							2.04	-611.46	-1.77	0.00	0.01	0.02	0.26	0.76	-1082.75	68.08
							4.07	-589.08	1.67	---	---	0.02	0.29	0.75	-1061.45	68.04
10	-503.93	0.00	62.29	73.70	0.00	0.02	0.00	-655.16	2.73	-0.00	0.01	0.02	0.26	0.76	-1082.75	67.62
							2.04	-613.21	-1.74	---	---	0.02	0.26	0.76	-1082.75	68.07
							4.07	-582.93	1.62	---	---	0.02	0.29	0.75	-1061.19	67.99
11	-507.83	0.00	62.29	73.70	0.00	0.02	0.00	-661.16	2.20	-0.00	0.01	0.02	0.26	0.76	-1082.75	67.50
							2.04	-617.69	-1.78	---	---	0.02	0.26	0.76	-1082.75	68.06
							4.07	-586.61	1.66	---	---	0.02	0.29	0.75	-1061.32	68.02
12	-507.66	0.00	62.29	73.70	0.00	0.02	0.00	-646.08	2.20	-0.00	0.01	0.02	0.26	0.76	-1082.75	67.77
							2.04	-606.98	-1.74	---	---	0.02	0.26	0.76	-1082.75	68.08
							4.07	-585.40	1.63	---	---	0.02	0.29	0.75	-1061.32	68.01
1							4.07	-419.80	5.75	---	---	---	---	---	-2136.00	72.61
							6.33	-342.44	-5.53	---	---	---	---	---	-2136.00	62.52
							8.58	-272.62	1.97	---	---	---	---	---	-2136.00	52.13
3							4.07	-419.23	5.43	---	---	---	---	---	-2136.00	72.55
							6.33	-296.04	-5.16	---	---	---	---	---	-2136.00	55.75

							8.58	-234.65	1.85	---	---	---	---	---	-2136.00	45.97
5							4.07	-373.41	2.69	---	---	---	---	---	-2136.00	66.74
							6.33	-363.83	-2.45	---	---	---	---	---	-2136.00	65.46
							8.58	-284.41	0.83	---	---	---	---	---	-2136.00	53.97
7							4.07	-333.09	-0.26	---	---	---	---	---	-2136.00	61.20
							6.33	-335.76	0.57	---	---	---	---	---	-2136.00	61.58
							8.58	-256.55	-0.26	---	---	---	---	---	-2136.00	49.57
9	-218.10	0.00	80.02	49.50	0.00	0.02	4.07	-511.56	0.65	-0.00	0.01	0.02	0.28	0.73	-1043.96	66.45
							6.33	-427.33	-0.16	---	---	0.02	0.28	0.73	-1043.96	62.20
							8.58	-335.64	0.27	---	---	0.02	0.28	0.73	-1043.96	54.58
10	-212.47	0.00	80.02	49.50	0.00	0.02	4.07	-503.93	1.09	-0.00	0.01	0.02	0.28	0.73	-1043.96	66.18
							6.33	-422.02	-0.53	---	---	0.02	0.28	0.73	-1043.96	61.85
							8.58	-330.56	0.36	---	---	0.02	0.28	0.73	-1043.96	54.06
11	-218.14	0.00	80.02	49.50	0.00	0.02	4.07	-507.83	0.87	-0.00	0.01	0.02	0.28	0.73	-1043.96	66.32
							6.33	-428.47	-0.35	---	---	0.02	0.28	0.73	-1043.96	62.28
							8.58	-336.26	0.32	---	---	0.02	0.28	0.73	-1043.96	54.64
12	-212.43	0.00	80.02	49.50	0.00	0.02	4.07	-507.66	0.87	-0.00	0.01	0.02	0.28	0.73	-1043.96	66.32
							6.33	-420.88	-0.35	---	---	0.02	0.28	0.73	-1043.96	61.77
							8.58	-329.94	0.31	---	---	0.02	0.28	0.73	-1043.96	54.00
1							8.58	-219.68	4.70	---	---	---	---	---	-2136.00	43.45
							10.46	-177.66	5.62	---	---	---	---	---	-2136.00	36.06
3							8.58	-186.15	4.52	---	---	---	---	---	-2136.00	37.59
							10.46	-143.20	5.31	---	---	---	---	---	-2136.00	29.68
5							8.58	-222.50	1.95	---	---	---	---	---	-2136.00	43.93
							10.46	-189.94	2.33	---	---	---	---	---	-2136.00	38.27
7							8.58	-191.37	-0.59	---	---	---	---	---	-2136.00	38.52
							10.46	-165.99	-0.81	---	---	---	---	---	-2136.00	33.93
9	0.00	0.00	0.00	16.07	0.00	0.02	8.58	-218.10	0.43	---	---	0.02	0.24	0.78	-1105.65	40.23
							10.46	-186.66	0.52	-0.00	0.01	0.02	0.24	0.78	-1105.65	35.52
10	0.00	0.00	0.00	16.07	0.00	0.02	8.58	-212.47	0.74	-0.00	0.01	0.02	0.24	0.78	-1105.65	39.41
							10.46	-182.33	0.21	---	---	0.02	0.24	0.78	-1105.65	34.84
11	0.00	0.00	0.00	16.07	0.00	0.02	8.58	-218.14	0.58	-0.00	0.01	0.02	0.24	0.78	-1105.65	40.24
							10.46	-187.22	0.36	---	---	0.02	0.24	0.78	-1105.65	35.61
12	0.00	0.00	0.00	16.07	0.00	0.02	8.58	-212.43	0.59	-0.00	0.01	0.02	0.24	0.78	-1105.65	39.41
							10.46	-181.77	0.36	---	---	0.02	0.24	0.78	-1105.65	34.76

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-511.45	0.00	653.93	44.50	178.19
1	2.04	-459.71	0.00	611.09	39.74	170.00
1	4.07	-449.72	0.00	602.22	33.75	168.38
3	0.00	-426.44	-0.00	580.78	11.98	164.53
3	2.04	-397.79	-0.00	552.93	21.61	159.66
3	4.07	-442.30	-0.00	595.50	16.00	167.16
5	0.00	-591.19	0.00	709.66	99.01	190.11
5	2.04	-520.67	0.00	661.01	104.98	179.61
5	4.07	-420.62	0.00	575.26	85.57	163.55
7	0.00	-574.54	0.00	699.05	89.25	187.68
7	2.04	-511.00	0.00	653.58	99.54	178.12
7	4.07	-388.27	0.00	543.33	80.24	158.01
9	0.00	-652.07	0.00	535.40	0.77	159.79
9	2.04	-611.46	-0.00	538.57	0.36	155.06
9	4.07	-589.08	-0.00	538.25	0.41	152.38
10	0.00	-655.16	-0.00	534.96	0.77	160.15
10	2.04	-613.21	0.00	538.53	0.36	155.26
10	4.07	-582.93	0.00	537.90	0.41	151.64
11	0.00	-661.16	0.00	534.02	6.38	160.83
11	2.04	-617.69	0.00	538.40	6.60	155.79
11	4.07	-586.61	-0.00	538.12	4.82	152.09
12	0.00	-646.08	0.00	536.17	6.38	159.10
12	2.04	-606.98	-0.00	538.62	6.60	154.53
12	4.07	-585.40	0.00	538.05	4.82	151.94
1	4.07	-419.80	0.00	574.46	52.91	150.21
1	6.33	-342.44	0.00	494.58	49.37	137.71
1	8.58	-272.62	0.00	412.40	18.05	125.36
3	4.07	-419.23	0.00	573.92	7.81	150.13
3	6.33	-296.04	0.00	441.03	3.94	129.64
3	8.58	-234.65	0.00	363.70	0.86	118.10
5	4.07	-373.41	0.00	527.97	107.97	142.85
5	6.33	-363.83	0.00	517.84	95.66	141.28
5	8.58	-284.41	0.00	426.95	31.49	127.53
7	4.07	-333.09	-0.00	484.12	94.44	136.12
7	6.33	-335.76	-0.00	487.13	82.04	136.58
7	8.58	-256.55	0.00	392.13	25.82	122.34
9	4.07	-511.56	0.00	525.73	1.15	131.21
9	6.33	-427.33	0.00	492.10	1.13	120.84
9	8.58	-335.64	0.00	431.77	0.55	108.44

10	4.07	-503.93	-0.00	523.54	1.15	130.31
10	6.33	-422.02	-0.00	489.29	1.13	120.16
10	8.58	-330.56	-0.00	427.71	0.55	107.71
11	4.07	-507.83	0.00	524.68	5.08	130.77
11	6.33	-428.47	0.00	492.70	4.00	120.99
11	8.58	-336.26	0.00	432.26	1.14	108.53
12	4.07	-507.66	0.00	524.64	5.08	130.75
12	6.33	-420.88	0.00	488.67	4.00	120.01
12	8.58	-329.94	-0.00	427.21	1.14	107.62
1	8.58	-219.68	0.00	343.72	33.35	132.06
1	10.46	-177.66	0.00	285.30	28.86	121.92
3	8.58	-186.15	0.00	297.37	21.70	124.04
3	10.46	-143.20	0.00	234.79	22.24	112.94
5	8.58	-222.50	0.00	347.51	27.68	132.71
5	10.46	-189.94	0.00	302.72	18.71	124.97
7	8.58	-191.37	0.00	304.74	11.16	125.32
7	10.46	-165.99	0.00	268.45	3.38	118.96
9	8.58	-218.10	0.00	318.26	1.41	103.32
9	10.46	-186.66	-0.00	281.02	1.31	96.91
10	8.58	-212.47	-0.00	311.81	1.41	102.20
10	10.46	-182.33	0.00	275.66	1.31	96.00
11	8.58	-218.14	0.00	318.31	0.19	103.33
11	10.46	-187.22	0.00	281.71	0.55	97.03
12	8.58	-212.43	0.00	311.76	0.19	102.19
12	10.46	-181.77	0.00	274.96	0.55	95.88

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.16
0.00	4.07	8	SLD	0.47	1.21	2.48
4.07	8.58	6	SLD	0.58	1.38	2.18
8.58	12.35	4	SLD	0.21	0.57	5.24

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.93	3.23
4.07	8.58	2	SLD	0.38	0.91	3.30
4.07	8.58	8	SLD	0.57	1.37	2.20
8.58	12.35	6	SLD	0.37	1.01	2.98

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.43
4.07	8.58	4	SLD	0.37	0.88	3.42
8.58	12.35	2	SLD	0.21	0.58	5.21
8.58	12.35	8	SLD	0.37	1.01	2.98

Maschio in muratura ordinaria n. 39

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_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	104	-0.13	103	0.13	0.02	0.00	1.00	8.60	9360.00	2600.00	3900.00	190.13	79.22	118.83
					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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-172.98	-3.78	---	---	---	---	---	-1842.75	34.62
							2.04	-157.35	0.49	---	---	---	---	---	-1842.75	31.85
							4.07	-125.50	1.35	---	---	---	---	---	-1842.75	25.97
3							0.00	-138.87	-3.31	---	---	---	---	---	-1842.75	28.47
							2.04	-128.09	0.42	---	---	---	---	---	-1842.75	26.46
							4.07	-123.35	1.19	---	---	---	---	---	-1842.75	25.57
5							0.00	-198.34	-2.48	---	---	---	---	---	-1842.75	38.97
							2.04	-178.95	0.42	---	---	---	---	---	-1842.75	35.66
							4.07	-116.67	0.83	---	---	---	---	---	-1842.75	24.29
7							0.00	-185.95	-0.89	---	---	---	---	---	-1842.75	36.87
							2.04	-168.21	0.28	---	---	---	---	---	-1842.75	33.78
							4.07	-106.95	0.23	---	---	---	---	---	-1842.75	22.42
9	-135.25	0.00	18.97	18.69	-0.00	0.02	0.00	-190.37	-0.78	0.00	0.01	0.02	0.26	0.76	-934.10	35.02
							2.04	-177.49	0.28	---	---	0.02	0.26	0.76	-934.10	33.15
							4.07	-163.21	0.17	---	---	0.02	0.26	0.76	-932.40	30.98
10	-133.30	0.00	18.97	18.69	-0.00	0.02	0.00	-188.19	-1.12	0.01	0.02	0.02	0.26	0.76	-934.10	34.71
							2.04	-175.62	0.32	---	---	0.02	0.26	0.76	-934.10	32.87
							4.07	-161.56	0.30	---	---	0.02	0.26	0.76	-932.39	30.73
11	-134.71	0.00	18.97	18.69	-0.00	0.02	0.00	-186.33	-0.91	0.00	0.01	0.02	0.26	0.76	-934.10	34.44
							2.04	-174.09	0.29	---	---	0.02	0.26	0.76	-934.10	32.64
							4.07	-162.26	0.22	---	---	0.02	0.26	0.76	-932.40	30.84
12	-133.84	0.00	18.97	18.69	-0.00	0.02	0.00	-192.22	-0.99	0.01	0.01	0.02	0.26	0.76	-934.10	35.29
							2.04	-179.03	0.31	---	---	0.02	0.26	0.76	-934.10	33.37
							4.07	-162.51	0.25	---	---	0.02	0.26	0.76	-932.39	30.87
1							4.07	-114.38	-1.08	---	---	---	---	---	-630.00	20.24
							6.33	-99.52	-0.31	---	---	---	---	---	-630.00	18.23
							8.58	-62.68	-1.52	---	---	---	---	---	-630.00	12.45

3							4.07	-108.47	-1.03	---	---	---	---	---	-630.00	19.46
							6.33	-73.43	-0.27	---	---	---	---	---	-630.00	14.26
							8.58	-41.66	-1.02	---	---	---	---	---	-630.00	8.65
5							4.07	-107.97	-0.46	---	---	---	---	---	-630.00	19.39
							6.33	-121.78	-0.17	---	---	---	---	---	-630.00	21.17
							8.58	-82.49	-1.42	---	---	---	---	---	-630.00	15.70
7							4.07	-96.57	0.12	---	---	---	---	---	-630.00	17.81
							6.33	-114.77	-0.00	---	---	---	---	---	-630.00	20.29
							8.58	-78.46	-0.83	---	---	---	---	---	-630.00	15.07
9	-59.72	0.00	0.00	0.00	0.00	0.02	4.07	-135.25	-0.02	---	---	0.02	0.28	0.73	-307.91	18.90
							6.33	-105.29	-0.08	---	---	0.02	0.28	0.73	-307.91	16.70
							8.58	-65.61	-0.49	0.01	0.02	0.02	0.28	0.73	-307.91	12.05
10	-58.73	0.00	0.00	0.00	0.00	0.02	4.07	-133.30	-0.12	---	---	0.02	0.28	0.73	-307.91	18.79
							6.33	-104.08	-0.05	---	---	0.02	0.28	0.73	-307.91	16.59
							8.58	-64.86	-0.40	0.01	0.02	0.02	0.28	0.73	-307.91	11.94
11	-58.22	0.00	0.00	0.00	0.00	0.02	4.07	-134.71	-0.07	---	---	0.02	0.28	0.73	-307.91	18.87
							6.33	-102.64	-0.07	---	---	0.02	0.28	0.73	-307.91	16.45
							8.58	-63.65	-0.41	0.01	0.02	0.02	0.28	0.73	-307.91	11.77
12	-60.23	0.00	0.00	0.00	0.00	0.02	4.07	-133.84	-0.07	---	---	0.02	0.28	0.73	-307.91	18.82
							6.33	-106.72	-0.06	---	---	0.02	0.28	0.73	-307.91	16.83
							8.58	-66.81	-0.49	0.01	0.02	0.02	0.28	0.73	-307.91	12.22
1							8.58	-56.33	-1.53	---	---	---	---	---	-630.00	11.34
							10.46	-41.85	0.39	---	---	---	---	---	-630.00	8.68
3							8.58	-43.06	-1.31	---	---	---	---	---	-630.00	8.91
							10.46	-34.39	0.36	---	---	---	---	---	-630.00	7.24
5							8.58	-65.34	-1.03	---	---	---	---	---	-630.00	12.91
							10.46	-43.98	0.21	---	---	---	---	---	-630.00	9.08
7							8.58	-59.78	-0.37	---	---	---	---	---	-630.00	11.95
							10.46	-38.35	0.04	---	---	---	---	---	-630.00	8.01
9	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-59.72	-0.39	0.01	0.08	0.08	1.05	0.47	-197.23	11.19
							10.46	-43.80	0.16	---	---	0.07	0.96	0.50	-209.56	8.65
10	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-58.73	-0.47	0.01	0.08	0.08	1.07	0.46	-194.39	11.04
							10.46	-42.80	0.18	---	---	0.07	0.96	0.50	-209.56	8.48
11	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-58.22	-0.42	0.01	0.08	0.08	1.06	0.47	-196.12	10.96
							10.46	-42.72	0.17	---	---	0.07	0.96	0.50	-209.56	8.46
12	0.00	0.00	1.57	0.00	-0.13	0.14	8.58	-60.23	-0.45	0.01	0.08	0.08	1.06	0.47	-195.54	11.27
							10.46	-43.87	0.17	---	---	0.07	0.96	0.50	-209.56	8.66

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-172.98	0.00	80.79	17.00	75.61
1	2.04	-157.35	0.00	74.31	20.54	72.99
1	4.07	-125.50	0.00	60.61	16.77	67.33
3	0.00	-138.87	0.00	66.44	3.35	69.76
3	2.04	-128.09	0.00	61.75	0.77	67.80
3	4.07	-123.35	0.00	59.66	3.21	66.93
5	0.00	-198.34	0.00	90.94	35.97	79.69
5	2.04	-178.95	0.00	83.22	38.49	76.59
5	4.07	-116.67	0.00	56.69	25.60	65.67
7	0.00	-185.95	0.00	86.04	31.87	77.73
7	2.04	-168.21	0.00	78.83	32.55	74.82
7	4.07	-106.95	-0.00	52.31	19.61	63.80
9	0.00	-190.37	0.00	81.72	0.35	61.56
9	2.04	-177.49	0.00	77.34	0.51	59.79
9	4.07	-163.21	0.00	72.29	0.52	57.77
10	0.00	-188.19	-0.00	80.99	0.35	61.27
10	2.04	-175.62	-0.00	76.70	0.51	59.53
10	4.07	-161.56	-0.00	71.69	0.52	57.54
11	0.00	-186.33	-0.00	80.37	2.22	61.01
11	2.04	-174.09	-0.00	76.16	2.20	59.32
11	4.07	-162.26	-0.00	71.95	1.28	57.64
12	0.00	-192.22	0.00	82.34	2.22	61.81
12	2.04	-179.03	0.00	77.87	2.20	60.01
12	4.07	-162.51	0.00	72.04	1.28	57.67
1	4.07	-114.38	0.00	47.22	9.97	33.76
1	6.33	-99.52	0.00	42.54	8.02	31.82
1	8.58	-62.68	0.00	29.06	5.58	26.43
3	4.07	-108.47	0.00	45.41	2.36	33.00
3	6.33	-73.43	-0.00	33.26	5.82	28.11
3	8.58	-41.66	-0.00	20.17	4.34	22.79
5	4.07	-107.97	0.00	45.25	21.70	32.94
5	6.33	-121.78	0.00	49.40	23.41	34.68
5	8.58	-82.49	0.00	36.64	16.73	29.45
7	4.07	-96.57	0.00	41.56	19.42	31.43
7	6.33	-114.77	0.00	47.34	22.75	33.81
7	8.58	-78.46	0.00	35.16	16.35	28.86
9	4.07	-135.25	0.00	44.11	0.20	29.02

9	6.33	-105.29	0.00	38.97	0.05	25.92
9	8.58	-65.61	0.00	28.11	0.01	21.12
10	4.07	-133.30	-0.00	43.85	0.20	28.83
10	6.33	-104.08	-0.00	38.71	0.05	25.78
10	8.58	-64.86	-0.00	27.87	0.01	21.02
11	4.07	-134.71	0.00	44.04	1.05	28.96
11	6.33	-102.64	-0.00	38.39	1.03	25.62
11	8.58	-63.65	-0.00	27.46	0.66	20.85
12	4.07	-133.84	-0.00	43.92	1.05	28.88
12	6.33	-106.72	0.00	39.28	1.03	26.07
12	8.58	-66.81	0.00	28.51	0.66	21.28
1	8.58	-56.33	0.00	26.46	8.80	25.38
1	10.46	-41.85	0.00	20.25	7.22	22.82
3	8.58	-43.06	0.00	20.79	6.78	23.05
3	10.46	-34.39	0.00	16.90	5.77	21.38
5	8.58	-65.34	0.00	30.12	26.26	26.85
5	10.46	-43.98	0.00	21.19	21.87	23.22
7	8.58	-59.78	0.00	27.88	25.66	25.96
7	10.46	-38.35	0.00	18.69	21.43	22.16
9	8.58	-59.72	0.00	26.11	0.00	20.31
9	10.46	-43.80	0.00	20.17	0.00	17.94
10	8.58	-58.73	-0.00	25.76	0.00	20.17
10	10.46	-42.80	-0.00	19.78	0.00	17.78
11	8.58	-58.22	-0.00	25.58	1.10	20.10
11	10.46	-42.72	-0.00	19.74	0.85	17.77
12	8.58	-60.23	0.00	26.29	1.10	20.38
12	10.46	-43.87	0.00	20.20	0.85	17.95

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.92	3.26
0.00	4.07	8	SLD	0.46	1.20	2.50
4.07	8.58	6	SLD	0.58	1.38	2.18
8.58	12.35	4	SLD	0.22	0.60	5.04

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.34	0.89	3.37
4.07	8.58	2	SLD	0.38	0.91	3.29
4.07	8.58	8	SLD	0.56	1.33	2.25
8.58	12.35	6	SLD	0.36	0.98	3.06

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.45
4.07	8.58	4	SLD	0.36	0.85	3.52
8.58	12.35	2	SLD	0.21	0.58	5.13
8.58	12.35	8	SLD	0.36	0.99	3.04

Maschio in muratura ordinaria n. 40

Xg=19.23 <m> Yg=5.76 <m> L=0.14 <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				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 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-24.38	-0.61	---	---	---	---	---	-84.00	3.61
							2.04	-16.54	-0.25	---	---	---	---	---	-84.00	2.86
3							0.00	-17.94	-0.57	---	---	---	---	---	-84.00	3.02
							2.04	-16.50	-0.24	---	---	---	---	---	-84.00	2.85
5							0.00	-26.29	-0.37	---	---	---	---	---	-84.00	3.74
							2.04	-15.53	-0.16	---	---	---	---	---	-84.00	2.73
7							0.00	-21.50	-0.13	---	---	---	---	---	-84.00	3.38
							2.04	-14.61	-0.08	---	---	---	---	---	-84.00	2.62
9	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-21.78	-0.19	---	---	0.02	0.26	0.76	-42.58	2.66
							2.04	-21.86	-0.19	0.01	0.02	0.02	0.26	0.76	-42.58	2.66
10	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-20.83	-0.24	0.01	0.02	0.02	0.28	0.75	-41.96	2.64
							2.04	-21.70	-0.17	---	---	0.02	0.26	0.76	-42.58	2.66
11	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-21.94	-0.21	0.01	0.02	0.02	0.26	0.76	-42.58	2.66
							2.04	-21.76	-0.18	---	---	0.02	0.26	0.76	-42.58	2.66
12	0.00	0.00	0.00	0.00	0.00	0.02	0.00	-20.66	-0.21	0.01	0.02	0.02	0.27	0.76	-42.31	2.63
							2.04	-21.79	-0.18	---	---	0.02	0.26	0.76	-42.58	2.66

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-24.38	0.00	1.12	0.77	5.54
1	2.04	-16.54	0.00	0.89	0.56	4.66
3	0.00	-17.94	0.00	0.94	0.13	4.83
3	2.04	-16.50	0.00	0.89	0.21	4.66
5	0.00	-26.29	0.00	1.16	1.21	5.73

5	2.04	-15.53	0.00	0.85	0.70	4.54
7	0.00	-21.50	0.00	1.05	0.94	5.23
7	2.04	-14.61	-0.00	0.81	0.47	4.42
9	0.00	-21.78	0.00	0.83	0.03	4.22
9	2.04	-21.86	0.00	0.83	0.02	4.23
10	0.00	-20.83	0.00	0.82	0.03	4.13
10	2.04	-21.70	0.00	0.83	0.02	4.21
11	0.00	-21.94	0.00	0.83	0.07	4.23
11	2.04	-21.76	0.00	0.83	0.03	4.22
12	0.00	-20.66	0.00	0.82	0.07	4.12
12	2.04	-21.79	0.00	0.83	0.03	4.22

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.21
0.00	4.07	8	SLD	0.46	1.20	2.50

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.30

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.45

Maschio in muratura ordinaria n. 41

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>	$F_{td\ SLU}$ <kN/mq>	$F_{td\ SLV}$ <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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-615.14	-11.82	---	---	---	---	---	-2154.00	91.91
							2.04	-555.34	-2.28	---	---	---	---	---	-2154.00	87.05
							4.07	-482.12	-7.06	---	---	---	---	---	-2154.00	79.91
3							0.00	-569.90	-10.96	---	---	---	---	---	-2154.00	88.31
							2.04	-507.29	-2.08	---	---	---	---	---	-2154.00	82.52
							4.07	-410.77	-5.68	---	---	---	---	---	-2154.00	71.69
5							0.00	-604.31	-7.41	---	---	---	---	---	-2154.00	91.09
							2.04	-573.86	-2.01	---	---	---	---	---	-2154.00	88.65
							4.07	-560.58	-4.40	---	---	---	---	---	-2154.00	87.51
7							0.00	-549.77	-2.77	---	---	---	---	---	-2154.00	86.56
							2.04	-541.70	-1.56	---	---	---	---	---	-2154.00	85.82
							4.07	-556.47	-0.75	---	---	---	---	---	-2154.00	87.15
9	-548.38	0.00	64.86	64.58	-0.00	0.02	0.00	-723.50	-3.75	0.01	0.01	0.02	0.26	0.76	-1091.87	66.30
							2.04	-687.86	-2.15	---	---	0.02	0.26	0.76	-1091.87	67.55
							4.07	-630.98	-0.31	---	---	0.02	0.26	0.76	-1091.37	68.58
10	-546.02	0.00	64.86	64.58	-0.00	0.02	0.00	-713.41	-4.77	0.01	0.02	0.02	0.26	0.76	-1091.87	66.70
							2.04	-682.05	-1.98	---	---	0.02	0.26	0.76	-1091.87	67.71
							4.07	-630.25	-0.51	---	---	0.02	0.26	0.76	-1091.36	68.59
11	-540.27	0.00	64.86	64.58	-0.00	0.02	0.00	-714.63	-4.18	0.01	0.02	0.02	0.26	0.76	-1091.87	66.65
							2.04	-680.76	-2.06	---	---	0.02	0.26	0.76	-1091.87	67.74
							4.07	-624.38	-0.39	---	---	0.02	0.26	0.76	-1091.36	68.62
12	-554.14	0.00	64.86	64.58	-0.00	0.02	0.00	-722.27	-4.35	0.01	0.02	0.02	0.26	0.76	-1091.87	66.35
							2.04	-689.14	-2.07	---	---	0.02	0.26	0.76	-1091.87	67.51
							4.07	-636.86	-0.43	---	---	0.02	0.26	0.76	-1091.37	68.53
1							4.07	-461.15	-5.33	---	---	---	---	---	-2154.00	77.62
							6.33	-383.58	-6.68	---	---	---	---	---	-2154.00	68.22
							8.58	-292.98	-7.49	---	---	---	---	---	-2154.00	55.37
3							4.07	-381.14	-4.71	---	---	---	---	---	-2154.00	67.90
							6.33	-349.31	-5.26	---	---	---	---	---	-2154.00	63.60
							8.58	-269.02	-5.91	---	---	---	---	---	-2154.00	51.63
5							4.07	-539.61	-3.60	---	---	---	---	---	-2154.00	85.63
							6.33	-370.97	-4.15	---	---	---	---	---	-2154.00	66.56
							8.58	-261.85	-6.00	---	---	---	---	---	-2154.00	50.49
7							4.07	-526.86	-1.51	---	---	---	---	---	-2154.00	84.43
							6.33	-325.88	-0.58	---	---	---	---	---	-2154.00	60.27
							8.58	-211.20	-3.14	---	---	---	---	---	-2154.00	42.04
9	-253.31	0.00	0.00	0.00	0.00	0.02	4.07	-548.38	-2.04	---	---	0.02	0.28	0.73	-1052.76	67.95
							6.33	-419.34	-0.23	---	---	0.02	0.28	0.73	-1052.76	61.94
							8.58	-290.61	-3.38	0.01	0.02	0.02	0.30	0.73	-1042.01	49.82
10	-244.89	0.00	0.00	0.00	0.00	0.02	4.07	-546.02	-2.26	---	---	0.02	0.28	0.73	-1052.76	67.90
							6.33	-411.71	0.10	---	---	0.02	0.28	0.73	-1052.76	61.39
							8.58	-282.29	-3.47	0.01	0.02	0.02	0.30	0.72	-1035.71	48.83
11	-246.83	0.00	0.00	0.00	0.00	0.02	4.07	-540.27	-2.15	---	---	0.02	0.28	0.73	-1052.76	67.75

							6.33	-412.36	-0.07	---	---	0.02	0.28	0.73	-1052.76	61.44
							8.58	-284.21	-3.51	0.01	0.02	0.02	0.31	0.72	-1035.19	49.06
12	-251.37	0.00	0.00	0.00	0.00	0.02	4.07	-554.14	-2.15	---	---	0.02	0.28	0.73	-1052.76	68.08
							6.33	-418.69	-0.06	---	---	0.02	0.28	0.73	-1052.76	61.89
							8.58	-288.69	-3.34	0.01	0.02	0.02	0.29	0.73	-1042.57	49.59
1							8.58	-268.28	-6.20	---	---	---	---	---	-2154.00	51.52
							10.46	-211.57	5.48	---	---	---	---	---	-2154.00	42.10
3							8.58	-242.85	-5.18	---	---	---	---	---	-2154.00	47.39
							10.46	-191.83	4.88	---	---	---	---	---	-2154.00	38.64
5							8.58	-237.86	-4.25	---	---	---	---	---	-2154.00	46.57
							10.46	-181.67	3.11	---	---	---	---	---	-2154.00	36.82
7							8.58	-186.35	-1.56	---	---	---	---	---	-2154.00	37.66
							10.46	-136.29	0.48	---	---	---	---	---	-2154.00	28.38
9	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-253.31	-1.94	0.01	0.08	0.08	1.06	0.46	-667.25	45.17
							10.46	-194.65	1.22	---	---	0.07	0.96	0.50	-716.48	36.81
10	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-244.89	-2.16	0.01	0.08	0.08	1.08	0.46	-659.62	44.05
							10.46	-187.11	1.57	---	---	0.07	0.96	0.50	-716.48	35.65
11	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-246.83	-2.08	0.01	0.08	0.08	1.07	0.46	-662.21	44.31
							10.46	-189.20	1.43	---	---	0.07	0.96	0.50	-716.48	35.97
12	0.00	0.00	5.37	0.00	-0.13	0.14	8.58	-251.37	-2.02	0.01	0.08	0.08	1.07	0.46	-664.76	44.91
							10.46	-192.56	1.35	---	---	0.07	0.96	0.50	-716.48	36.49

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-615.14	28.92	733.20	47.40	196.08
1	2.04	-555.34	8.13	694.48	51.59	187.27
1	4.07	-482.12	17.17	637.53	44.32	175.88
3	0.00	-569.90	5.08	704.55	41.22	189.45
3	2.04	-507.29	-5.08	658.29	46.70	179.88
3	4.07	-410.77	4.87	571.91	13.84	164.03
5	0.00	-604.31	44.83	726.71	148.62	194.51
5	2.04	-573.86	22.46	707.22	164.56	190.04
5	4.07	-560.58	23.80	698.15	101.50	188.06
7	0.00	-549.77	34.63	690.52	146.77	186.43
7	2.04	-541.70	21.55	684.66	163.10	185.20
7	4.07	-556.47	17.18	695.28	92.36	187.44
9	0.00	-723.50	1.05	528.90	0.09	169.96
9	2.04	-687.86	-0.08	538.90	0.08	165.97
9	4.07	-630.98	-0.57	547.12	0.70	159.39
10	0.00	-713.41	-1.05	532.11	0.09	168.84
10	2.04	-682.05	0.08	540.17	0.08	165.31
10	4.07	-630.25	0.57	547.16	0.70	159.30
11	0.00	-714.63	2.27	531.74	9.45	168.98
11	2.04	-680.76	1.15	540.44	10.01	165.16
11	4.07	-624.38	0.87	547.45	5.52	158.60
12	0.00	-722.27	-2.27	529.31	9.45	169.83
12	2.04	-689.14	-1.15	538.60	10.01	166.12
12	4.07	-636.86	-0.87	546.71	5.52	160.08
1	4.07	-461.15	25.90	619.27	64.44	158.55
1	6.33	-383.58	19.28	544.28	61.76	146.42
1	8.58	-292.98	16.68	441.74	45.87	130.82
3	4.07	-381.14	-0.66	541.73	24.62	146.02
3	6.33	-349.31	-0.22	507.38	18.10	140.72
3	8.58	-269.02	2.38	411.93	5.14	126.37
5	4.07	-539.61	48.04	683.13	154.40	169.95
5	6.33	-370.97	35.37	530.98	139.65	144.35
5	8.58	-261.85	26.69	402.80	75.53	125.01
7	4.07	-526.86	40.47	673.58	142.45	168.15
7	6.33	-325.88	29.65	480.85	126.55	136.69
7	8.58	-211.20	20.97	335.38	60.23	114.94
9	4.07	-548.38	-0.57	542.11	1.00	137.25
9	6.33	-419.34	0.45	494.12	1.10	121.38
9	8.58	-290.61	0.42	397.44	1.21	103.14
10	4.07	-546.02	0.57	541.67	1.00	136.98
10	6.33	-411.71	-0.45	489.75	1.10	120.38
10	8.58	-282.29	-0.42	389.53	1.21	101.85
11	4.07	-540.27	2.08	540.53	7.33	136.31
11	6.33	-412.36	-1.59	490.13	6.25	120.46
11	8.58	-284.21	-1.15	391.37	3.00	102.15
12	4.07	-554.14	-2.08	543.11	7.33	137.92
12	6.33	-418.69	1.59	493.75	6.25	121.30
12	8.58	-288.69	1.15	395.63	3.00	102.84
1	8.58	-268.28	17.57	411.00	32.10	144.81
1	10.46	-211.57	3.32	335.89	23.28	131.94
3	8.58	-242.85	10.26	378.10	18.53	139.19
3	10.46	-191.83	3.17	308.25	18.45	127.15
5	8.58	-237.86	16.36	371.50	86.42	138.06

5	10.46	-181.67	1.21	293.74	70.28	124.62
7	8.58	-186.35	8.01	300.46	82.35	125.80
7	10.46	-136.29	-0.73	226.43	68.83	112.61
9	8.58	-253.31	0.63	360.33	0.19	111.52
9	10.46	-194.65	0.15	293.68	0.02	99.91
10	8.58	-244.89	-0.63	351.38	0.19	109.93
10	10.46	-187.11	-0.15	284.38	0.02	98.31
11	8.58	-246.83	-0.62	353.46	3.55	110.30
11	10.46	-189.20	-0.00	286.97	2.75	98.76
12	8.58	-251.37	0.62	358.29	3.55	111.16
12	10.46	-192.56	0.00	291.12	2.75	99.47

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.93	3.22
0.00	4.07	8	SLD	0.46	1.20	2.50
4.07	8.58	6	SLD	0.58	1.37	2.18
8.58	12.35	4	SLD	0.22	0.60	5.04

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.90	3.32
4.07	8.58	2	SLD	0.38	0.91	3.30
4.07	8.58	8	SLD	0.56	1.34	2.24
8.58	12.35	6	SLD	0.36	0.98	3.06

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.45
4.07	8.58	4	SLD	0.36	0.86	3.48
8.58	12.35	2	SLD	0.22	0.59	5.10
8.58	12.35	8	SLD	0.36	0.99	3.03

Maschio in muratura ordinaria n. 42

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_{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	0.02	0.00	1.00	8.60	9360.00	2600.00	3900.00	190.13	79.22	118.83
							117	0.13										
4.07	8.58	0.45	4.21	0.00			205	0.13	0.02	0.00	1.00	9.36	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.45	3.67				305	0.13	0.02	0.00	1.00	8.16	9360.00	2600.00	3900.00	190.13	79.22	118.83

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-238.38	6.54	---	---	---	---	---	-1421.55	43.05
							2.04	-230.14	0.65	---	---	---	---	---	-1421.55	41.92
							4.07	-157.88	1.48	---	---	---	---	---	-1421.55	30.88
3							0.00	-228.44	6.17	---	---	---	---	---	-1421.55	41.68
							2.04	-222.49	0.56	---	---	---	---	---	-1421.55	40.84
							4.07	-150.12	1.38	---	---	---	---	---	-1421.55	29.58
5							0.00	-225.35	2.73	---	---	---	---	---	-1421.55	41.25
							2.04	-215.79	0.42	---	---	---	---	---	-1421.55	39.88
							4.07	-138.02	0.62	---	---	---	---	---	-1421.55	27.51
7							0.00	-204.24	-0.90	---	---	---	---	---	-1421.55	38.19
							2.04	-195.83	0.14	---	---	---	---	---	-1421.55	36.92
							4.07	-113.23	-0.21	---	---	---	---	---	-1421.55	23.09
9	-168.79	0.00	0.00	14.10	0.01	0.03	0.00	-287.42	1.35	-0.00	0.02	0.02	0.26	0.76	-720.59	41.60
							2.04	-282.15	0.23	---	---	0.02	0.26	0.76	-720.59	41.25
							4.07	-173.80	0.23	---	---	0.03	0.39	0.69	-658.54	30.67
10	-163.66	0.00	0.00	14.10	0.01	0.03	0.00	-283.76	0.61	-0.00	0.02	0.02	0.26	0.76	-720.59	41.36
							2.04	-278.70	0.24	---	---	0.02	0.26	0.76	-720.59	41.01
							4.07	-169.61	0.08	---	---	0.03	0.39	0.69	-656.75	30.13
11	-167.55	0.00	0.00	14.10	0.01	0.03	0.00	-284.62	0.95	-0.00	0.02	0.02	0.26	0.76	-720.59	41.41
							2.04	-279.71	0.23	---	---	0.02	0.26	0.76	-720.59	41.08
							4.07	-172.47	0.15	---	---	0.03	0.39	0.69	-658.12	30.50
12	-164.91	0.00	0.00	14.10	0.01	0.03	0.00	-286.57	1.01	-0.00	0.02	0.02	0.26	0.76	-720.59	41.54
							2.04	-281.14	0.25	---	---	0.02	0.26	0.76	-720.59	41.18
							4.07	-170.93	0.16	---	---	0.03	0.39	0.69	-657.19	30.30
1							4.07	-167.48	2.50	---	---	---	---	---	-1421.55	32.46
							6.33	-103.60	-1.67	---	---	---	---	---	-1421.55	21.31
							8.58	-83.81	1.21	---	---	---	---	---	-1421.55	17.55
3							4.07	-153.02	2.27	---	---	---	---	---	-1421.55	30.07
							6.33	-92.86	-1.43	---	---	---	---	---	-1421.55	19.29
							8.58	-62.30	1.05	---	---	---	---	---	-1421.55	13.30
5							4.07	-148.85	1.18	---	---	---	---	---	-1421.55	29.37
							6.33	-111.46	-1.10	---	---	---	---	---	-1421.55	22.76
							8.58	-107.65	1.06	---	---	---	---	---	-1421.55	22.06
7							4.07	-118.43	-0.18	---	---	---	---	---	-1421.55	24.03
							6.33	-107.46	-0.36	---	---	---	---	---	-1421.55	22.03
							8.58	-106.58	0.76	---	---	---	---	---	-1421.55	21.87
9	-70.42	0.00	0.00	18.21	0.03	0.05	4.07	-168.79	0.47	---	---	0.02	0.28	0.73	-694.78	30.02
							6.33	-139.29	-0.61	---	---	0.02	0.31	0.72	-679.43	25.92
							8.58	-110.01	0.83	-0.01	0.03	0.03	0.41	0.67	-631.72	21.37
10	-70.07	0.00	0.00	18.21	0.03	0.05	4.07	-163.66	0.25	---	---	0.02	0.28	0.73	-694.78	29.34
							6.33	-138.64	-0.50	---	---	0.02	0.31	0.72	-679.11	25.83

							8.58	-110.21	0.88	-0.01	0.03	0.03	0.42	0.66	-628.37	21.40
11	-71.78	0.00	0.00	18.21	0.03	0.05	4.07	-167.55	0.34	---	---	0.02	0.28	0.73	-694.78	29.86
							6.33	-139.94	-0.54	---	---	0.02	0.31	0.72	-680.67	26.02
							8.58	-111.84	0.87	-0.01	0.03	0.03	0.41	0.67	-631.55	21.67
12	-68.72	0.00	0.00	18.21	0.03	0.05	4.07	-164.91	0.38	---	---	0.02	0.28	0.73	-694.78	29.51
							6.33	-138.00	-0.57	---	---	0.02	0.32	0.72	-677.82	25.73
							8.58	-108.38	0.84	-0.01	0.03	0.03	0.42	0.66	-628.49	21.10
1							8.58	-62.25	1.12	---	---	---	---	---	-1421.55	13.28
							10.46	-46.78	-0.72	---	---	---	---	---	-1421.55	10.12
3							8.58	-42.97	1.04	---	---	---	---	---	-1421.55	9.32
							10.46	-43.36	-0.57	---	---	---	---	---	-1421.55	9.41
5							8.58	-82.09	0.90	---	---	---	---	---	-1421.55	17.22
							10.46	-46.09	-0.78	---	---	---	---	---	-1421.55	9.98
7							8.58	-79.83	0.62	---	---	---	---	---	-1421.55	16.78
							10.46	-42.09	-0.67	---	---	---	---	---	-1421.55	9.14
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-70.42	0.92	-0.01	0.02	0.02	0.30	0.75	-710.82	14.46
							10.46	-54.06	-0.62	---	---	0.02	0.24	0.78	-735.83	11.35
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-70.07	0.89	-0.01	0.02	0.02	0.29	0.75	-713.52	14.39
							10.46	-53.32	-0.60	---	---	0.02	0.24	0.78	-735.83	11.20
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-71.78	0.90	-0.01	0.02	0.02	0.29	0.75	-714.07	14.71
							10.46	-54.06	-0.62	---	---	0.02	0.24	0.78	-735.83	11.35
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-68.72	0.91	-0.01	0.02	0.02	0.30	0.75	-710.18	14.14
							10.46	-53.32	-0.60	---	---	0.02	0.24	0.78	-735.83	11.20

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-238.38	0.00	77.50	16.40	73.64
1	2.04	-230.14	0.00	75.45	14.25	72.55
1	4.07	-157.88	0.00	55.59	25.92	62.23
3	0.00	-228.44	0.00	75.03	9.73	72.33
3	2.04	-222.49	0.00	73.52	11.33	71.53
3	4.07	-150.12	0.00	53.24	20.92	61.02
5	0.00	-225.35	0.00	74.25	44.55	71.92
5	2.04	-215.79	0.00	71.79	43.08	70.62
5	4.07	-138.02	0.00	49.51	15.35	59.08
7	0.00	-204.24	0.00	68.74	42.55	69.03
7	2.04	-195.83	-0.00	66.46	42.20	67.85
7	4.07	-113.23	-0.00	41.56	1.30	54.89
9	0.00	-287.42	0.00	74.87	0.14	63.71
9	2.04	-282.15	0.00	74.25	0.04	63.18
9	4.07	-173.80	0.00	55.20	1.23	51.00
10	0.00	-283.76	-0.00	74.44	0.14	63.34
10	2.04	-278.70	-0.00	73.82	0.04	62.83
10	4.07	-169.61	-0.00	54.23	1.23	50.47
11	0.00	-284.62	-0.00	74.54	2.69	63.43
11	2.04	-279.71	-0.00	73.95	2.56	62.93
11	4.07	-172.47	0.00	54.90	0.51	50.83
12	0.00	-286.57	0.00	74.77	2.69	63.63
12	2.04	-281.14	0.00	74.12	2.56	63.08
12	4.07	-170.93	-0.00	54.54	0.51	50.64
1	4.07	-167.48	0.00	58.43	21.83	63.70
1	6.33	-103.60	0.00	38.36	15.89	53.18
1	8.58	-83.81	0.00	31.59	12.01	49.47
3	4.07	-153.02	0.00	54.13	8.02	61.48
3	6.33	-92.86	0.00	34.72	0.69	51.20
3	8.58	-62.30	-0.00	23.93	10.16	45.09
5	4.07	-148.85	0.00	52.86	27.50	60.82
5	6.33	-111.46	0.00	40.98	29.90	54.58
5	8.58	-107.65	0.00	39.71	6.41	53.91
7	4.07	-118.43	0.00	43.26	18.54	55.80
7	6.33	-107.46	0.00	39.65	25.34	53.87
7	8.58	-106.58	0.00	39.36	0.24	53.72
9	4.07	-168.79	0.00	54.04	0.79	50.37
9	6.33	-139.29	0.00	46.66	0.39	46.46
9	8.58	-110.01	-0.00	38.47	0.51	42.22
10	4.07	-163.66	-0.00	52.82	0.79	49.71
10	6.33	-138.64	-0.00	46.49	0.39	46.37
10	8.58	-110.21	0.00	38.53	0.51	42.25
11	4.07	-167.55	0.00	53.74	1.12	50.21
11	6.33	-139.94	0.00	46.83	1.27	46.55
11	8.58	-111.84	0.00	39.01	0.15	42.49
12	4.07	-164.91	-0.00	53.11	1.12	49.87
12	6.33	-138.00	-0.00	46.31	1.27	46.28
12	8.58	-108.38	-0.00	37.99	0.15	41.97
1	8.58	-62.25	0.00	23.91	27.59	45.08
1	10.46	-46.78	0.00	18.21	7.21	41.64
3	8.58	-42.97	-0.00	16.78	6.68	40.75

3	10.46	-43.36	0.00	16.93	1.77	40.85
5	8.58	-82.09	0.00	30.99	39.99	49.13
5	10.46	-46.09	0.00	17.96	10.40	41.49
7	8.58	-79.83	0.00	30.20	29.71	48.69
7	10.46	-42.09	0.00	16.45	7.71	40.55
9	8.58	-70.42	0.00	26.03	0.82	35.70
9	10.46	-54.06	0.00	20.42	0.18	32.62
10	8.58	-70.07	-0.00	25.91	0.82	35.63
10	10.46	-53.32	-0.00	20.16	0.18	32.48
11	8.58	-71.78	0.00	26.48	1.57	35.94
11	10.46	-54.06	0.00	20.42	0.33	32.62
12	8.58	-68.72	-0.00	25.46	1.57	35.39
12	10.46	-53.32	-0.00	20.16	0.33	32.48

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.19
0.00	4.07	8	SLD	0.46	1.20	2.50
4.07	8.58	6	SLD	0.56	1.34	2.24
8.58	12.35	4	SLD	0.21	0.57	5.24

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.28
4.07	8.58	2	SLD	0.38	0.91	3.31
4.07	8.58	8	SLD	0.56	1.33	2.26
8.58	12.35	6	SLD	0.38	1.02	2.93

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.45
4.07	8.58	4	SLD	0.37	0.87	3.44
8.58	12.35	2	SLD	0.21	0.57	5.26
8.58	12.35	8	SLD	0.38	1.02	2.93

Maschio in muratura ordinaria n. 43

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	9360.00	2600.00	3900.00	190.13	79.22	118.83
4.07	8.58	0.45	4.21						0.02	0.00	1.00	9.36	9360.00	2600.00	3900.00	190.13	79.22	118.83

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-185.48	-3.95	---	---	---	---	---	-859.95	31.14
							2.04	-142.08	0.55	---	---	---	---	---	-859.95	25.75
							4.07	-77.86	0.89	---	---	---	---	---	-859.95	15.65
3							0.00	-142.44	-3.78	---	---	---	---	---	-859.95	25.80
							2.04	-129.04	0.50	---	---	---	---	---	-859.95	23.91
							4.07	-71.69	0.82	---	---	---	---	---	-859.95	14.55
5							0.00	-218.16	-1.76	---	---	---	---	---	-859.95	34.44
							2.04	-141.53	0.42	---	---	---	---	---	-859.95	25.68
							4.07	-71.00	0.53	---	---	---	---	---	-859.95	14.42
7							0.00	-203.13	0.28	---	---	---	---	---	-859.95	33.00
							2.04	-128.01	0.27	---	---	---	---	---	-859.95	23.76
							4.07	-58.95	0.16	---	---	---	---	---	-859.95	12.20
9	-124.36	0.00	0.00	0.00	0.00	0.02	0.00	-192.43	-0.13	---	---	0.02	0.26	0.76	-435.91	26.20
							2.04	-163.51	0.40	-0.00	0.01	0.02	0.26	0.76	-435.91	24.45
							4.07	-85.37	0.40	---	---	0.02	0.26	0.76	-435.91	15.84
10	-121.31	0.00	0.00	0.00	0.00	0.02	0.00	-189.92	-0.55	0.00	0.01	0.02	0.26	0.76	-435.91	26.08
							2.04	-161.19	0.40	---	---	0.02	0.26	0.76	-435.91	24.27
							4.07	-83.33	0.33	---	---	0.02	0.26	0.76	-435.91	15.54
11	-121.73	0.00	0.00	0.00	0.00	0.02	0.00	-186.98	-0.35	---	---	0.02	0.26	0.76	-435.91	25.93
							2.04	-161.19	0.40	-0.00	0.01	0.02	0.26	0.76	-435.91	24.27
							4.07	-85.09	0.36	---	---	0.02	0.26	0.76	-435.91	15.80
12	-123.94	0.00	0.00	0.00	0.00	0.02	0.00	-195.36	-0.33	---	---	0.02	0.26	0.76	-435.91	26.33
							2.04	-163.50	0.41	-0.00	0.01	0.02	0.26	0.76	-435.91	24.44
							4.07	-83.61	0.37	---	---	0.02	0.26	0.76	-435.91	15.58
1							4.07	-122.50	1.31	---	---	---	---	---	-859.95	22.94
							6.33	-73.66	-0.75	---	---	---	---	---	-859.95	14.90
3							4.07	-107.24	1.24	---	---	---	---	---	-859.95	20.59
							6.33	-46.91	-0.64	---	---	---	---	---	-859.95	9.88
5							4.07	-118.52	0.55	---	---	---	---	---	-859.95	22.34
							6.33	-101.95	-0.46	---	---	---	---	---	-859.95	19.74
7							4.07	-99.83	-0.17	---	---	---	---	---	-859.95	19.39
							6.33	-99.45	-0.10	---	---	---	---	---	-859.95	19.33
9	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-124.36	0.29	---	---	0.02	0.28	0.73	-420.30	20.84
							6.33	-85.92	-0.21	---	---	0.02	0.28	0.73	-420.30	15.92
10	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-121.31	0.18	---	---	0.02	0.28	0.73	-420.30	20.50
							6.33	-86.28	-0.15	---	---	0.02	0.28	0.73	-420.30	15.98
11	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-121.73	0.23	---	---	0.02	0.28	0.73	-420.30	20.55
							6.33	-88.35	-0.17	---	---	0.02	0.28	0.73	-420.30	16.28
12	0.00	0.00	0.00	0.00	0.00	0.02	4.07	-123.94	0.24	---	---	0.02	0.28	0.73	-420.30	20.79
							6.33	-83.85	-0.19	---	---	0.02	0.28	0.73	-420.30	15.62

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-185.48	0.00	33.91	8.99	49.65
1	2.04	-142.08	0.00	28.04	3.43	44.27
1	4.07	-77.86	0.00	17.04	1.89	34.81
3	0.00	-142.44	0.00	28.10	3.79	44.32
3	2.04	-129.04	0.00	26.03	1.15	42.52
3	4.07	-71.69	0.00	15.84	1.43	33.76
5	0.00	-218.16	0.00	37.50	22.08	53.34
5	2.04	-141.53	0.00	27.96	7.97	44.20
5	4.07	-71.00	0.00	15.71	5.61	33.64
7	0.00	-203.13	-0.00	35.94	20.52	51.68
7	2.04	-128.01	0.00	25.87	7.29	42.38
7	4.07	-58.95	-0.00	13.28	5.47	31.49
9	0.00	-192.43	0.00	28.53	0.12	40.37
9	2.04	-163.51	0.00	26.62	0.07	37.48
9	4.07	-85.37	-0.00	17.25	0.03	28.26
10	0.00	-189.92	0.00	28.40	0.12	40.12
10	2.04	-161.19	0.00	26.43	0.07	37.24
10	4.07	-83.33	0.00	16.92	0.03	27.97
11	0.00	-186.98	0.00	28.23	1.30	39.84
11	2.04	-161.19	0.00	26.43	0.46	37.24
11	4.07	-85.09	0.00	17.21	0.32	28.22
12	0.00	-195.36	-0.00	28.67	1.30	40.65
12	2.04	-163.50	0.00	26.62	0.46	37.48
12	4.07	-83.61	0.00	16.97	0.32	28.01
1	4.07	-122.50	0.00	24.98	12.19	41.61
1	6.33	-73.66	0.00	16.23	8.53	34.10
3	4.07	-107.24	0.00	22.42	3.05	39.42
3	6.33	-46.91	0.00	10.76	0.44	29.18
5	4.07	-118.52	0.00	24.33	17.52	41.05
5	6.33	-101.95	0.00	21.49	14.82	38.63
7	4.07	-99.83	0.00	21.12	12.95	38.31
7	6.33	-99.45	-0.00	21.05	12.13	38.25
9	4.07	-124.36	0.00	22.69	0.38	33.18
9	6.33	-85.92	0.00	17.34	0.20	28.33
10	4.07	-121.31	0.00	22.32	0.38	32.82
10	6.33	-86.28	0.00	17.40	0.20	28.38
11	4.07	-121.73	0.00	22.37	0.77	32.87
11	6.33	-88.35	0.00	17.72	0.65	28.66
12	4.07	-123.94	0.00	22.64	0.77	33.13
12	6.33	-83.85	0.00	17.01	0.65	28.05

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.94	3.19
0.00	4.07	8	SLD	0.46	1.20	2.50
4.07	8.58	6	SLD	0.56	1.34	2.24

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.91	3.29
4.07	8.58	2	SLD	0.38	0.91	3.31
4.07	8.58	8	SLD	0.56	1.32	2.27

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.23	2.45
4.07	8.58	4	SLD	0.37	0.87	3.44

Maschio in muratura ordinaria n. 44

Xg=19.23 <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_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	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>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-554.02	-8.24	---	---	---	---	---	-2136.00	86.62
							2.04	-515.91	0.99	---	---	---	---	---	-2136.00	83.09
							4.07	-429.98	2.19	---	---	---	---	---	-2136.00	73.83
3							0.00	-473.61	-7.47	---	---	---	---	---	-2136.00	78.77
							2.04	-450.79	0.86	---	---	---	---	---	-2136.00	76.24
							4.07	-396.69	1.78	---	---	---	---	---	-2136.00	69.75
5							0.00	-601.87	-3.76	---	---	---	---	---	-2136.00	90.53
							2.04	-544.45	0.85	---	---	---	---	---	-2136.00	85.77

							4.07	-427.86	1.27	---	---	---	---	---	-2136.00	73.58
7							0.00	-562.47	0.86	---	---	---	---	---	-2136.00	87.35
							2.04	-503.80	0.60	---	---	---	---	---	-2136.00	81.90
							4.07	-392.76	0.09	---	---	---	---	---	-2136.00	69.25
9	-426.70	0.00	53.24	62.29	0.00	0.02	0.00	-670.49	0.76	-0.00	0.01	0.02	0.26	0.76	-1082.75	67.29
							2.04	-625.59	0.72	---	---	0.02	0.26	0.76	-1082.75	68.01
							4.07	-541.87	0.00	---	---	0.02	0.29	0.75	-1062.54	67.34
10	-420.69	0.00	53.24	62.29	0.00	0.02	0.00	-663.72	-0.23	---	---	0.02	0.26	0.76	-1082.75	67.45
							2.04	-618.63	0.86	-0.00	0.01	0.02	0.26	0.76	-1082.75	68.05
							4.07	-536.14	-0.16	---	---	0.02	0.29	0.75	-1062.32	67.20
11	-426.12	0.00	53.24	62.29	0.00	0.02	0.00	-674.28	0.20	---	---	0.02	0.26	0.76	-1082.75	67.20
							2.04	-627.83	0.78	-0.00	0.01	0.02	0.26	0.76	-1082.75	67.99
							4.07	-541.75	-0.07	---	---	0.02	0.29	0.75	-1062.52	67.34
12	-421.27	0.00	53.24	62.29	0.00	0.02	0.00	-659.92	0.34	---	---	0.02	0.26	0.76	-1082.75	67.53
							2.04	-616.39	0.80	-0.00	0.01	0.02	0.26	0.76	-1082.75	68.06
							4.07	-536.25	-0.09	---	---	0.02	0.29	0.75	-1062.34	67.20
1							4.07	-363.76	-3.41	---	---	---	---	---	-2136.00	65.45
							6.33	-290.42	-4.07	---	---	---	---	---	-2136.00	54.89
							8.58	-239.51	2.59	---	---	---	---	---	-2136.00	46.78
3							4.07	-334.32	-3.24	---	---	---	---	---	-2136.00	61.37
							6.33	-260.69	-3.60	---	---	---	---	---	-2136.00	50.23
							8.58	-221.41	2.39	---	---	---	---	---	-2136.00	43.74
5							4.07	-355.01	-1.57	---	---	---	---	---	-2136.00	64.26
							6.33	-297.19	-2.12	---	---	---	---	---	-2136.00	55.92
							8.58	-238.28	1.23	---	---	---	---	---	-2136.00	46.58
7							4.07	-318.08	0.17	---	---	---	---	---	-2136.00	59.03
							6.33	-273.27	0.02	---	---	---	---	---	-2136.00	52.23
							8.58	-219.14	-0.13	---	---	---	---	---	-2136.00	43.35
9	-164.93	0.00	86.55	80.02	0.00	0.02	4.07	-426.70	-0.36	---	---	0.02	0.28	0.73	-1043.96	62.16
							6.33	-370.99	-0.63	0.00	0.01	0.02	0.28	0.73	-1043.96	57.89
							8.58	-324.52	0.28	---	---	0.02	0.28	0.73	-1043.96	53.44
10	-161.75	0.00	86.55	80.02	0.00	0.02	4.07	-420.69	-0.69	0.00	0.01	0.02	0.28	0.73	-1043.96	61.76
							6.33	-367.02	-0.29	---	---	0.02	0.28	0.73	-1043.96	57.54
							8.58	-321.33	0.11	---	---	0.02	0.28	0.73	-1043.96	53.11
11	-164.72	0.00	86.55	80.02	0.00	0.02	4.07	-426.12	-0.53	0.00	0.01	0.02	0.28	0.73	-1043.96	62.12
							6.33	-371.49	-0.46	---	---	0.02	0.28	0.73	-1043.96	57.93
							8.58	-324.52	0.21	---	---	0.02	0.28	0.73	-1043.96	53.44
12	-161.96	0.00	86.55	80.02	0.00	0.02	4.07	-421.27	-0.52	0.00	0.01	0.02	0.28	0.73	-1043.96	61.80
							6.33	-366.52	-0.46	---	---	0.02	0.28	0.73	-1043.96	57.50
							8.58	-321.33	0.18	---	---	0.02	0.28	0.73	-1043.96	53.11
1							8.58	-161.15	3.51	---	---	---	---	---	-2136.00	33.04
							10.46	-127.17	-4.81	---	---	---	---	---	-2136.00	26.61
3							8.58	-145.94	3.17	---	---	---	---	---	-2136.00	30.20
							10.46	-105.81	-4.50	---	---	---	---	---	-2136.00	22.42
5							8.58	-156.56	1.75	---	---	---	---	---	-2136.00	32.19
							10.46	-135.93	-1.92	---	---	---	---	---	-2136.00	28.29
7							8.58	-137.41	-0.09	---	---	---	---	---	-2136.00	28.58
							10.46	-122.08	0.86	---	---	---	---	---	-2136.00	25.62
9	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-164.93	0.46	-0.00	0.01	0.02	0.24	0.78	-1105.65	32.05
							10.46	-138.09	-0.22	---	---	0.02	0.24	0.78	-1105.65	27.52
10	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-161.75	0.20	---	---	0.02	0.24	0.78	-1105.65	31.53
							10.46	-135.75	0.12	---	---	0.02	0.24	0.78	-1105.65	27.12
11	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-164.72	0.34	-0.00	0.01	0.02	0.24	0.78	-1105.65	32.02
							10.46	-138.62	-0.06	---	---	0.02	0.24	0.78	-1105.65	27.62
12	0.00	0.00	0.00	0.00	0.00	0.02	8.58	-161.96	0.33	-0.00	0.01	0.02	0.24	0.78	-1105.65	31.57
							10.46	-135.23	-0.04	---	---	0.02	0.24	0.78	-1105.65	27.03

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-554.02	11.32	685.24	61.92	184.65
1	2.04	-515.91	5.92	657.37	72.87	178.88
1	4.07	-429.98	20.35	584.10	74.54	165.12
3	0.00	-473.61	2.48	623.12	0.05	172.24
3	2.04	-450.79	-2.58	603.18	4.26	168.55
3	4.07	-396.69	-2.11	551.83	10.82	159.47
5	0.00	-601.87	16.80	716.18	112.42	191.65
5	2.04	-544.45	14.68	678.51	125.92	183.22
5	4.07	-427.86	40.18	582.12	119.00	164.76
7	0.00	-562.47	12.67	691.03	93.82	185.91
7	2.04	-503.80	13.67	647.92	102.78	177.00
7	4.07	-392.76	34.70	547.88	93.39	158.79
9	0.00	-670.49	-0.39	532.36	1.65	161.90
9	2.04	-625.59	-0.09	538.02	2.04	156.72
9	4.07	-541.87	-0.54	532.73	2.24	146.59
10	0.00	-663.72	0.39	533.59	1.65	161.13
10	2.04	-618.63	0.09	538.36	2.04	155.90
10	4.07	-536.14	0.54	531.61	2.24	145.87

11	0.00	-674.28	0.72	531.61	6.96	162.32
11	2.04	-627.83	0.58	537.88	7.30	156.98
11	4.07	-541.75	1.65	532.71	6.01	146.57
12	0.00	-659.92	-0.72	534.23	6.96	160.69
12	2.04	-616.39	-0.58	538.44	7.30	155.64
12	4.07	-536.25	-1.65	531.64	6.01	145.88
1	4.07	-363.76	18.59	517.76	60.88	141.27
1	6.33	-290.42	15.84	434.26	46.88	128.62
1	8.58	-239.51	6.53	370.09	28.84	119.06
3	4.07	-334.32	-2.40	485.51	15.72	136.33
3	6.33	-260.69	9.67	397.41	13.64	123.13
3	8.58	-221.41	0.68	346.05	7.68	115.47
5	4.07	-355.01	37.40	508.36	134.45	139.82
5	6.33	-297.19	14.11	442.41	105.85	129.84
5	8.58	-238.28	10.83	368.48	64.04	118.82
7	4.07	-318.08	32.55	467.00	120.90	133.53
7	6.33	-273.27	6.46	413.21	95.88	125.48
7	8.58	-219.14	8.66	342.98	57.70	115.01
9	4.07	-426.70	-0.49	491.77	1.11	120.77
9	6.33	-370.99	-0.65	457.96	0.81	113.38
9	8.58	-324.52	-0.19	422.78	0.52	106.84
10	4.07	-420.69	0.49	488.56	1.11	119.99
10	6.33	-367.02	0.65	455.20	0.81	112.84
10	8.58	-321.33	0.19	420.12	0.52	106.37
11	4.07	-426.12	1.47	491.47	6.33	120.69
11	6.33	-371.49	-0.65	458.30	4.56	113.45
11	8.58	-324.52	0.06	422.77	2.52	106.84
12	4.07	-421.27	-1.47	488.88	6.33	120.07
12	6.33	-366.52	0.65	454.85	4.56	112.77
12	8.58	-321.33	-0.06	420.13	2.52	106.37
1	8.58	-161.15	7.51	261.38	27.58	117.70
1	10.46	-127.17	8.29	210.50	21.85	108.50
3	8.58	-145.94	-2.75	238.89	1.60	113.68
3	10.46	-105.81	3.02	177.37	5.92	102.30
5	8.58	-156.56	17.81	254.64	47.67	116.50
5	10.46	-135.93	10.48	223.83	30.72	110.95
7	8.58	-137.41	16.38	226.08	38.91	111.36
7	10.46	-122.08	7.09	202.69	22.39	107.06
9	8.58	-164.93	0.07	253.58	0.73	92.22
9	10.46	-138.09	0.27	217.75	0.71	86.07
10	8.58	-161.75	-0.07	249.44	0.73	91.51
10	10.46	-135.75	-0.27	214.54	0.71	85.52
11	8.58	-164.72	0.41	253.31	1.45	92.18
11	10.46	-138.62	-0.42	218.48	0.72	86.20
12	8.58	-161.96	-0.41	249.72	1.45	91.56
12	10.46	-135.23	0.42	213.81	0.72	85.39

Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.95	3.15
0.00	4.07	8	SLD	0.46	1.20	2.50
4.07	8.58	6	SLD	0.56	1.34	2.25
8.58	12.35	4	SLD	0.21	0.57	5.26

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.92	3.25
4.07	8.58	2	SLD	0.38	0.90	3.33
4.07	8.58	8	SLD	0.56	1.33	2.26
8.58	12.35	6	SLD	0.38	1.03	2.92

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.48	1.23	2.44
4.07	8.58	4	SLD	0.37	0.87	3.43
8.58	12.35	2	SLD	0.21	0.58	5.16
8.58	12.35	8	SLD	0.37	1.02	2.94

Maschio in muratura ordinaria n. 45

Xg=24.82 <m> Yg=2.85 <m> L=5.69 <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	0.65	3.87	-0.02			104	0.18	0.02	5.69	0.82	4.88	9360.00	2600.00	3900.00	190.13	79.22	118.83
							119	0.18										
4.07	8.58	0.60	4.21	-0.03			203	0.17	0.02	5.69	0.76	5.33	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.55	3.67				411	0.15	0.02	5.69	0.86	5.71	9360.00	2600.00	3900.00	190.13	79.22	118.83
							307	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-1293.99	-55.70	---	---	---	---	---	-14424.10	376.16
							2.04	-1132.49	-29.48	---	---	---	---	---	-14424.10	334.06
							4.07	-968.58	22.85	---	---	---	---	---	-14424.10	289.92
3							0.00	-1163.69	-42.89	---	---	---	---	---	-14424.10	342.30
							2.04	-1035.20	-25.69	---	---	---	---	---	-14424.10	308.03

							4.07	-903.46	20.09	---	---	---	---	---	-14424.10	271.99
5							0.00	-1224.91	-67.87	---	---	---	---	---	-14424.10	358.32
							2.04	-1063.56	-30.61	---	---	---	---	---	-14424.10	315.67
							4.07	-933.39	21.76	---	---	---	---	---	-14424.10	280.26
7							0.00	-1035.40	-65.48	---	---	---	---	---	-14424.10	308.09
							2.04	-907.19	-27.78	---	---	---	---	---	-14424.10	273.02
							4.07	-838.10	18.07	---	---	---	---	---	-14424.10	253.76
9	-959.05	-0.02	0.00	102.79	0.02	0.02	0.00	-1315.10	-60.02	0.05	0.06	0.06	0.53	0.70	-6731.32	358.64
							2.04	-1196.36	-32.52	---	---	0.02	0.18	0.88	-8441.32	331.91
							4.07	-1143.73	21.57	---	---	0.02	0.22	0.85	-8212.43	319.70
10	-948.88	-0.02	0.00	102.79	0.02	0.02	0.00	-1282.93	-60.83	0.05	0.06	0.06	0.55	0.70	-6683.78	351.51
							2.04	-1171.17	-31.41	---	---	0.02	0.18	0.88	-8441.32	326.09
							4.07	-1131.50	21.20	---	---	0.02	0.22	0.85	-8221.38	316.83
11	-949.42	-0.02	0.00	102.79	0.02	0.02	0.00	-1287.98	-59.26	0.05	0.06	0.06	0.54	0.70	-6723.45	352.63
							2.04	-1176.14	-31.62	---	---	0.02	0.18	0.88	-8441.32	327.24
							4.07	-1133.41	21.13	---	---	0.02	0.22	0.85	-8220.90	317.28
12	-958.51	-0.02	0.00	102.79	0.02	0.02	0.00	-1310.05	-61.59	0.05	0.06	0.06	0.55	0.70	-6692.51	357.53
							2.04	-1191.39	-32.32	---	---	0.02	0.18	0.88	-8441.32	330.76
							4.07	-1141.82	21.63	---	---	0.02	0.22	0.85	-8212.90	319.25
1							4.07	-836.98	18.98	---	---	---	---	---	-13314.60	232.53
							6.33	-470.78	-13.09	---	---	---	---	---	-13314.60	135.36
							8.58	-408.59	2.62	---	---	---	---	---	-13314.60	118.15
3							4.07	-768.21	16.09	---	---	---	---	---	-13314.60	214.82
							6.33	-450.87	-11.70	---	---	---	---	---	-13314.60	129.87
							8.58	-400.41	1.69	---	---	---	---	---	-13314.60	115.87
5							4.07	-819.59	20.30	---	---	---	---	---	-13314.60	228.07
							6.33	-479.43	-9.96	---	---	---	---	---	-13314.60	137.74
							8.58	-398.10	2.65	---	---	---	---	---	-13314.60	115.23
7							4.07	-735.91	18.54	---	---	---	---	---	-13314.60	206.42
							6.33	-466.93	-5.88	---	---	---	---	---	-13314.60	134.30
							8.58	-380.93	1.75	---	---	---	---	---	-13314.60	110.43
9	-462.65	-0.03	0.00	0.00	0.00	0.05	4.07	-959.05	20.23	-0.02	0.04	0.04	0.44	0.73	-6513.61	251.14
							6.33	-648.33	-8.67	---	---	0.02	0.23	0.84	-7484.92	177.78
							8.58	-564.44	0.41	---	---	0.05	0.46	0.72	-6424.84	156.66
10	-467.21	-0.03	0.00	0.00	0.00	0.05	4.07	-948.88	20.06	-0.02	0.04	0.04	0.44	0.73	-6511.67	248.86
							6.33	-649.20	-7.84	---	---	0.02	0.23	0.84	-7484.92	178.00
							8.58	-568.28	0.40	---	---	0.05	0.46	0.72	-6424.84	157.64
11	-465.14	-0.03	0.00	0.00	0.00	0.05	4.07	-949.42	19.88	-0.02	0.04	0.04	0.44	0.73	-6520.96	248.99
							6.33	-648.15	-8.17	---	---	0.02	0.23	0.84	-7484.92	177.74
							8.58	-566.74	0.35	---	---	0.05	0.46	0.72	-6424.84	157.25
12	-464.72	-0.03	0.00	0.00	0.00	0.05	4.07	-958.51	20.41	-0.02	0.04	0.04	0.44	0.73	-6504.41	251.02
							6.33	-649.38	-8.34	---	---	0.02	0.23	0.84	-7484.92	178.05
							8.58	-565.98	0.47	---	---	0.05	0.46	0.72	-6424.84	157.06
1							8.58	-349.73	2.37	---	---	---	---	---	-12205.00	92.93
							10.46	-284.72	-10.97	---	---	---	---	---	-12205.00	76.15
3							8.58	-340.76	1.43	---	---	---	---	---	-12205.00	90.63
							10.46	-278.46	-9.91	---	---	---	---	---	-12205.00	74.52
5							8.58	-334.12	2.94	---	---	---	---	---	-12205.00	88.92
							10.46	-255.24	-5.62	---	---	---	---	---	-12205.00	68.46
7							8.58	-311.77	2.49	---	---	---	---	---	-12205.00	83.16
							10.46	-223.72	0.04	---	---	---	---	---	-12205.00	60.20
9	0.00	0.00	0.00	8.51	0.15	0.17	8.58	-462.65	1.26	---	---	0.02	0.20	0.85	-6923.96	118.72
							10.46	-354.53	-1.99	---	---	0.09	0.94	0.56	-4516.41	92.50
10	0.00	0.00	0.00	8.51	0.15	0.17	8.58	-467.21	1.22	---	---	0.02	0.20	0.85	-6923.96	119.80
							10.46	-360.05	-1.21	---	---	0.09	0.94	0.56	-4516.41	93.86
11	0.00	0.00	0.00	8.51	0.15	0.17	8.58	-465.14	1.17	---	---	0.02	0.20	0.85	-6923.96	119.31
							10.46	-358.22	-1.58	---	---	0.09	0.94	0.56	-4516.41	93.41
12	0.00	0.00	0.00	8.51	0.15	0.17	8.58	-464.72	1.30	---	---	0.02	0.20	0.85	-6923.96	119.21
							10.46	-356.36	-1.62	---	---	0.09	0.94	0.56	-4516.41	92.95

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-1293.99	62.32	3292.86	143.41	872.83
1	2.04	-1132.49	62.44	2924.32	161.92	831.18
1	4.07	-968.58	123.08	2537.93	200.38	786.65
3	0.00	-1163.69	-19.41	2996.48	67.01	839.39
3	2.04	-1035.20	-16.54	2696.47	50.00	805.05
3	4.07	-903.46	26.60	2380.93	52.18	768.25
5	0.00	-1224.91	142.66	3136.71	362.15	855.26
5	2.04	-1063.56	138.52	2763.34	369.99	812.75
5	4.07	-933.39	183.25	2453.34	443.17	776.76
7	0.00	-1035.40	129.79	2696.95	339.23	805.10
7	2.04	-907.19	124.75	2389.97	336.41	769.31
7	4.07	-838.10	138.34	2221.41	398.71	749.32
9	0.00	-1315.10	-1.32	3139.48	2.67	686.41
9	2.04	-1196.36	1.21	2905.46	3.59	660.58
9	4.07	-1143.73	4.33	2798.59	4.51	648.80

10	0.00	-1282.93	1.32	3077.05	2.67	679.51
10	2.04	-1171.17	-1.21	2854.56	3.59	654.97
10	4.07	-1131.50	-4.33	2773.49	4.51	646.04
11	0.00	-1287.98	6.96	3086.89	23.26	680.60
11	2.04	-1176.14	6.25	2864.63	22.73	656.08
11	4.07	-1133.41	6.39	2777.41	25.01	646.47
12	0.00	-1310.05	-6.96	3129.72	23.26	685.33
12	2.04	-1191.39	-6.25	2895.46	22.73	659.48
12	4.07	-1141.82	-6.39	2794.69	25.01	648.37
1	4.07	-836.98	40.43	2205.11	149.03	710.02
1	6.33	-470.78	91.12	1283.66	107.11	596.29
1	8.58	-408.59	107.71	1120.48	122.58	574.75
3	4.07	-768.21	15.55	2037.20	100.22	690.09
3	6.33	-450.87	71.17	1231.63	82.44	589.48
3	8.58	-400.41	79.19	1098.87	95.96	571.85
5	4.07	-819.59	49.87	2162.87	422.74	705.03
5	6.33	-479.43	57.61	1306.19	319.62	599.22
5	8.58	-398.10	75.56	1092.75	368.23	571.03
7	4.07	-735.91	33.08	1957.52	408.10	680.53
7	6.33	-466.93	8.92	1273.60	312.22	594.98
7	8.58	-380.93	19.49	1047.26	360.24	564.90
9	4.07	-959.05	1.80	2381.67	1.80	576.65
9	6.33	-648.33	4.21	1685.99	0.90	498.48
9	8.58	-564.44	4.60	1485.69	0.90	475.18
10	4.07	-948.88	-1.80	2360.06	1.80	574.26
10	6.33	-649.20	-4.21	1688.05	0.90	498.72
10	8.58	-568.28	-4.60	1494.99	0.90	476.28
11	4.07	-949.42	-0.69	2361.21	20.26	574.38
11	6.33	-648.15	-0.43	1685.58	14.42	498.44
11	8.58	-566.74	-3.05	1491.27	16.32	475.84
12	4.07	-958.51	0.69	2380.53	20.26	576.52
12	6.33	-649.38	0.43	1688.47	14.42	498.77
12	8.58	-565.98	3.05	1489.42	16.32	475.62
1	8.58	-349.73	113.44	961.43	92.21	518.02
1	10.46	-284.72	128.36	787.80	60.32	494.13
3	8.58	-340.76	35.51	937.62	51.79	514.79
3	10.46	-278.46	43.47	770.96	47.05	491.77
5	8.58	-334.12	152.23	919.95	246.06	512.38
5	10.46	-255.24	167.25	708.30	180.94	482.92
7	8.58	-311.77	107.54	860.32	233.93	504.21
7	10.46	-223.72	115.70	622.75	176.96	470.62
9	8.58	-462.65	3.71	1228.20	1.21	419.71
9	10.46	-354.53	4.24	956.92	0.22	386.46
10	8.58	-467.21	-3.71	1239.42	1.21	421.06
10	10.46	-360.05	-4.24	971.02	0.22	388.23
11	8.58	-465.14	-6.80	1234.34	9.97	420.45
11	10.46	-358.22	-7.03	966.35	7.28	387.65
12	8.58	-464.72	6.80	1233.29	9.97	420.32
12	10.46	-356.36	7.03	961.60	7.28	387.05

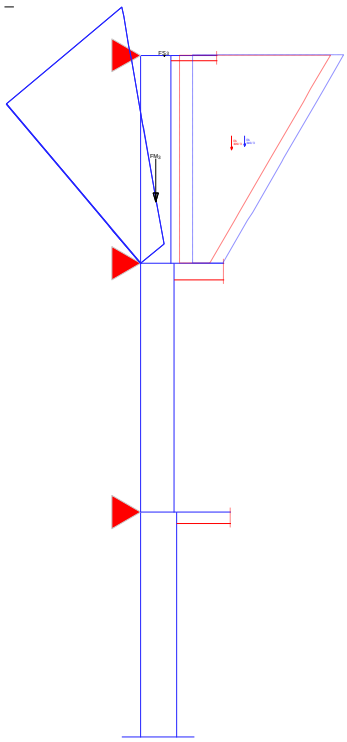
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.36	0.93	3.21
0.00	4.07	8	SLD	0.46	1.19	2.53
4.07	8.58	6	SLD	0.54	1.29	2.32
8.58	12.35	4	SLD	0.23	0.63	4.78

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.35	0.90	3.35
4.07	8.58	2	SLD	0.38	0.89	3.36
4.07	8.58	8	SLD	0.53	1.27	2.37
8.58	12.35	6	SLD	0.39	1.06	2.84

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.22	2.45
4.07	8.58	4	SLD	0.36	0.86	3.50
8.58	12.35	2	SLD	0.21	0.58	5.21
8.58	12.35	8	SLD	0.39	1.08	2.79

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

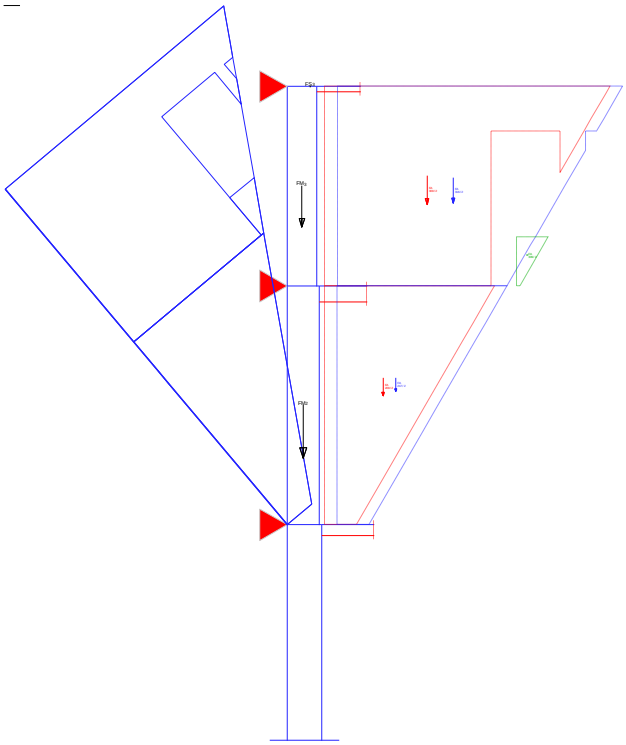


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{309/3}$		77.82	0.61	10.88	Peso ammorsamenti 309/3
$FA_{316/3}$		58.37	0.61	10.88	Peso ammorsamenti 316/3
FM_3		247.76	-0.05	10.46	Peso maschio piano 3
FS_3		5.68	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=38957.90 <kg>
Frazione di massa partecipante e^*=0.98
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=207.80 <mm>
Domanda di spostamento [C8A.4.11]=122.77 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6926
Domanda di spostamento amplificata [C8A.4.12]=68.13 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.0499

Ribalt. a z=4.07 ammors. a z=4.07

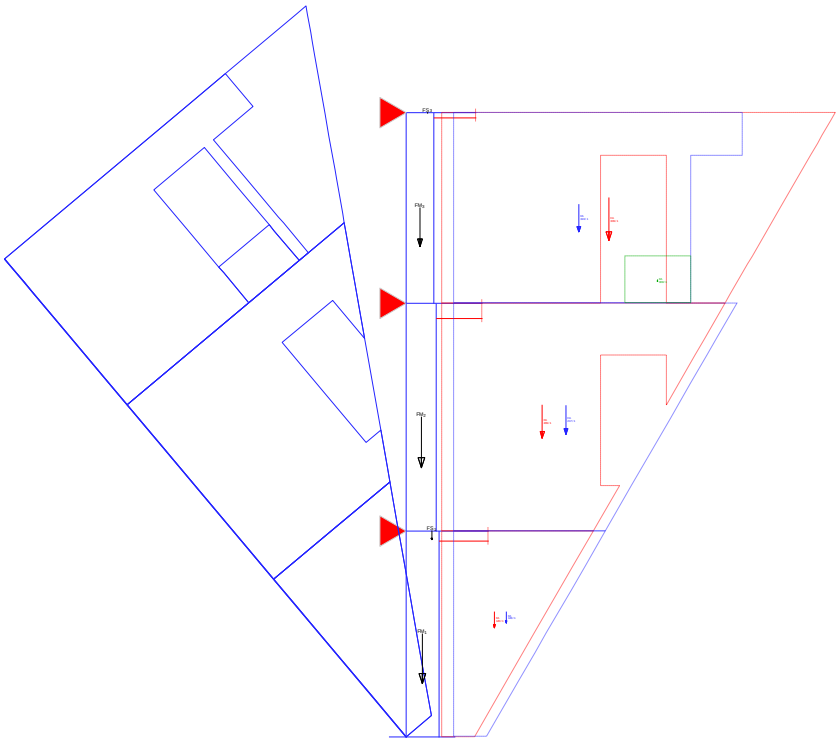


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{209/2}$		108.08	0.77	6.84	Peso ammorsamenti 209/2
$FA_{309/2}$		172.73	1.60	10.66	Peso ammorsamenti 309/2
$FA_{217/2}$		81.06	0.77	6.84	Peso ammorsamenti 217/2
$FA_{316/2}$		152.56	1.86	10.62	Peso ammorsamenti 316/2
FM_2		323.34	-0.02	6.33	Peso maschio piano 2
FM_3		247.76	-0.05	10.46	Peso maschio piano 3
$FA_{309/2}$		1.91	3.02	9.16	Peso ammorsamenti 309/2
FS_3		5.68	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=93127.30 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=458.95 <mm>
Domanda di spostamento [C8A.4.11]=183.61 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.4996
Domanda di spostamento amplificata [C8A.4.12]=44.45 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=10.3241

Ribalt. a z=0.00 ammors. a z=0.00

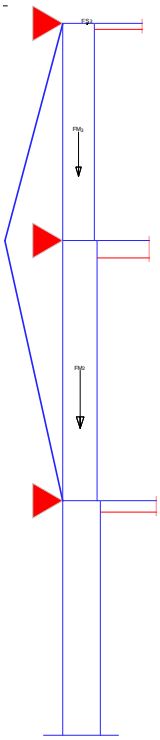


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{120/1}$		101.38	0.71	2.47	Peso ammorsamenti 120/1
$FA_{209/1}$		211.44	1.66	6.56	Peso ammorsamenti 209/1
$FA_{309/1}$		270.05	2.98	10.66	Peso ammorsamenti 309/1
$FA_{128/1}$		70.19	0.71	2.47	Peso ammorsamenti 128/1
$FA_{217/1}$		183.34	1.89	6.55	Peso ammorsamenti 217/1
$FA_{316/1}$		174.93	2.15	10.53	Peso ammorsamenti 316/1
FM_1		316.11	0.00	2.04	Peso maschio piano 1
FM_2		323.34	-0.02	6.33	Peso maschio piano 2
FM_3		247.76	-0.05	10.46	Peso maschio piano 3
$FA_{309/1}$		7.53	3.46	9.04	Peso ammorsamenti 309/1
FS_1		55.85	0.18	4.07	Peso solaio piano 1
FS_3		5.68	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=163102.00 <kg>
Frazione di massa partecipante e^*=0.81
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=664.00 <mm>
Domanda di spostamento [C8A.4.11]=191.27 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=3.4716

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

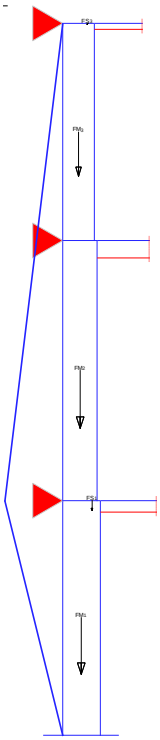


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_2		323.34	-0.02	6.33	Peso maschio piano 2
FM_3		247.76	-0.05	10.46	Peso maschio piano 3
FS_3		5.68	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=58216.30 <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]=45.35 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.5616

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

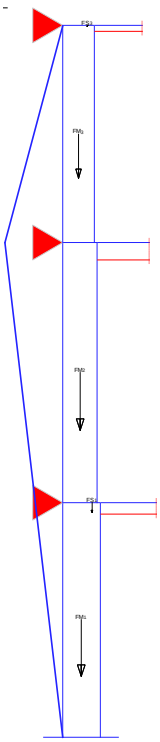


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		316.11	0.00	2.04	Peso maschio piano 1
FM_2		323.34	-0.02	6.33	Peso maschio piano 2
FM_3		247.76	-0.05	10.46	Peso maschio piano 3
FS_1		55.85	0.18	4.07	Peso solaio piano 1
FS_3		5.68	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=81704.10 <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

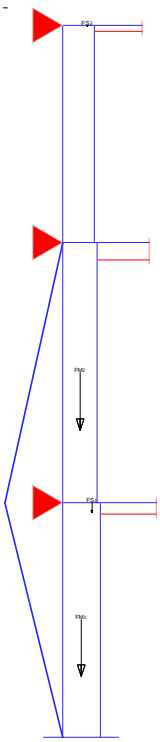


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		316.11	0.00	2.04	Peso maschio piano 1
FM_2		323.34	-0.02	6.33	Peso maschio piano 2
FM_3		247.76	-0.05	10.46	Peso maschio piano 3
FS_1		55.85	0.18	4.07	Peso solaio piano 1
FS_3		5.68	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=81786.10 <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		316.11	0.00	2.04	Peso maschio piano 1
FM_2		323.34	-0.02	6.33	Peso maschio piano 2
FS_1		55.85	0.18	4.07	Peso solaio piano 1
FS_3		5.68	0.10	12.35	Peso solaio piano 3

Massa partecipante al cinematismo M^*=63810.80 <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. 46

Xg=24.82 <m> Yg=10.00 <m> L=5.72 <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	0.65	3.87	-0.02			111	0.18	0.02	4.71	0.68	4.04	9360.00	2600.00	3900.00	190.13	79.22	118.83
							118	0.18										
4.07	8.58	0.60	4.21	-0.03			204	0.17	0.02	4.71	0.61	4.25	9360.00	2600.00	3900.00	190.13	79.22	118.83
8.58	12.35	0.55	3.67				412	0.15	0.02	4.71	0.72	4.81	9360.00	2600.00	3900.00	190.13	79.22	118.83
							413	0.15										
							306	0.15										

Verifiche per carichi verticali ed azioni ortogonali

CC	N1 <kN>	e_{s1} <m>	$\Sigma N2_{sx}$ <kN>	$\Sigma N2_{dx}$ <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	-1225.19	-61.60	---	---	---	---	---	-14500.20	358.60
							2.04	-1086.09	-36.33	---	---	---	---	---	-14500.20	321.88
							4.07	-949.44	24.32	---	---	---	---	---	-14500.20	284.80
3							0.00	-1115.96	-48.38	---	---	---	---	---	-14500.20	329.85
							2.04	-1001.88	-32.24	---	---	---	---	---	-14500.20	299.14
							4.07	-910.96	21.57	---	---	---	---	---	-14500.20	274.18
5							0.00	-1138.05	-75.79	---	---	---	---	---	-14500.20	335.71
							2.04	-1017.27	-37.19	---	---	---	---	---	-14500.20	303.33
							4.07	-885.36	22.72	---	---	---	---	---	-14500.20	267.07
7							0.00	-954.13	-74.73	---	---	---	---	---	-14500.20	286.09
							2.04	-874.07	-33.84	---	---	---	---	---	-14500.20	263.93
							4.07	-791.95	18.59	---	---	---	---	---	-14500.20	240.85
9	-1002.69	-0.02	0.00	70.43	0.01	0.03	0.00	-1292.28	-77.44	0.06	0.08	0.08	0.70	0.65	-6322.91	353.94
							2.04	-1199.29	-42.64	---	---	0.02	0.18	0.88	-8534.70	332.88

							4.07	-1147.79	23.22	---	---	0.03	0.28	0.83	-8005.20	320.92
10	-993.51	-0.02	0.00	70.43	0.01	0.03	0.00	-1261.40	-77.97	0.06	0.08	0.08	0.71	0.65	-6271.22	347.02
							2.04	-1177.21	-41.53	---	---	0.02	0.18	0.88	-8534.70	327.78
							4.07	-1136.62	22.85	---	---	0.03	0.28	0.83	-8010.64	318.30
11	-1002.54	-0.02	0.00	70.43	0.01	0.03	0.00	-1286.09	-78.90	0.06	0.08	0.08	0.71	0.65	-6282.70	352.56
							2.04	-1194.75	-42.45	---	---	0.02	0.18	0.88	-8534.70	331.83
							4.07	-1144.08	23.29	---	---	0.03	0.28	0.83	-8005.29	320.06
12	-993.66	-0.02	0.00	70.43	0.01	0.03	0.00	-1267.59	-76.51	0.06	0.08	0.08	0.70	0.65	-6312.28	348.41
							2.04	-1181.75	-41.72	---	---	0.02	0.18	0.88	-8534.70	328.83
							4.07	-1140.32	22.79	---	---	0.03	0.28	0.83	-8010.55	319.17
1							4.07	-845.17	20.55	---	---	---	---	---	-13384.80	234.72
							6.33	-470.77	-12.30	---	---	---	---	---	-13384.80	135.39
							8.58	-453.68	4.28	---	---	---	---	---	-13384.80	130.68
3							4.07	-778.94	18.36	---	---	---	---	---	-13384.80	217.68
							6.33	-460.35	-11.78	---	---	---	---	---	-13384.80	132.52
							8.58	-442.63	2.58	---	---	---	---	---	-13384.80	127.62
5							4.07	-827.90	19.88	---	---	---	---	---	-13384.80	230.30
							6.33	-461.08	-7.71	---	---	---	---	---	-13384.80	132.72
							8.58	-414.74	6.15	---	---	---	---	---	-13384.80	119.89
7							4.07	-746.86	17.12	---	---	---	---	---	-13384.80	209.35
							6.33	-442.36	-3.25	---	---	---	---	---	-13384.80	127.55
							8.58	-370.31	6.05	---	---	---	---	---	-13384.80	107.48
9	-394.23	-0.02	0.00	114.50	0.04	0.04	4.07	-1002.69	21.51	-0.02	0.04	0.04	0.41	0.76	-6783.75	261.04
							6.33	-644.31	-7.03	---	---	0.02	0.21	0.87	-7718.76	176.87
							8.58	-564.92	4.43	---	---	0.04	0.39	0.77	-6863.20	156.85
10	-403.68	-0.02	0.00	114.50	0.04	0.04	4.07	-993.51	21.25	-0.02	0.04	0.04	0.41	0.76	-6805.27	259.01
							6.33	-649.85	-6.18	---	---	0.02	0.21	0.87	-7718.76	178.25
							8.58	-574.20	4.52	---	---	0.04	0.39	0.77	-6899.95	159.22
11	-398.65	-0.02	0.00	114.50	0.04	0.04	4.07	-1002.54	21.59	-0.02	0.04	0.04	0.41	0.76	-6789.00	261.01
							6.33	-646.69	-6.65	---	---	0.02	0.21	0.87	-7718.76	177.47
							8.58	-568.11	4.61	---	---	0.04	0.39	0.77	-6880.58	157.67
12	-399.25	-0.02	0.00	114.50	0.04	0.04	4.07	-993.66	21.18	-0.02	0.04	0.04	0.41	0.76	-6800.22	259.05
							6.33	-647.47	-6.56	---	---	0.02	0.21	0.87	-7718.76	177.66
							8.58	-571.01	4.35	---	---	0.04	0.39	0.77	-6882.90	158.41
1							8.58	-358.56	5.63	---	---	---	---	---	-12269.40	95.21
							10.46	-294.82	-10.33	---	---	---	---	---	-12269.40	78.78
3							8.58	-347.83	4.21	---	---	---	---	---	-12269.40	92.46
							10.46	-281.93	-10.16	---	---	---	---	---	-12269.40	75.44
5							8.58	-315.54	6.19	---	---	---	---	---	-12269.40	84.15
							10.46	-227.13	-3.87	---	---	---	---	---	-12269.40	61.10
7							8.58	-267.94	5.25	---	---	---	---	---	-12269.40	71.79
							10.46	-156.23	1.85	---	---	---	---	---	-12269.40	42.32
9	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-394.23	4.19	---	---	0.02	0.20	0.87	-7092.10	102.27
							10.46	-247.23	-1.77	---	---	0.09	0.94	0.57	-4667.67	65.57
10	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-403.68	4.35	---	---	0.02	0.20	0.87	-7092.10	104.56
							10.46	-259.82	-0.96	---	---	0.09	0.94	0.57	-4667.67	68.78
11	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-398.65	4.38	---	---	0.02	0.20	0.87	-7092.10	103.34
							10.46	-251.91	-1.36	---	---	0.09	0.94	0.57	-4667.67	66.76
12	0.00	0.00	0.00	0.00	0.15	0.17	8.58	-399.25	4.15	---	---	0.02	0.20	0.87	-7092.10	103.49
							10.46	-255.14	-1.37	---	---	0.09	0.94	0.57	-4667.67	67.59

Verifiche per azioni nel piano

CC	Zv <m>	N <kN>	M_v <kNm>	Mu <kNm>	V_{Ed} <kN>	Vu <kN>
1	0.00	-1225.19	80.67	3155.71	191.73	858.18
1	2.04	-1086.09	67.46	2832.51	214.50	821.60
1	4.07	-949.44	116.15	2506.22	247.61	784.00
3	0.00	-1115.96	-1.36	2902.66	18.84	829.59
3	2.04	-1001.88	-29.02	2632.47	0.86	798.64
3	4.07	-910.96	-15.52	2412.79	3.84	773.08
5	0.00	-1138.05	148.62	2954.28	376.88	835.45
5	2.04	-1017.27	166.55	2669.27	388.37	802.88
5	4.07	-885.36	234.54	2350.23	455.65	765.73
7	0.00	-954.13	124.82	2517.56	325.01	785.32
7	2.04	-874.07	155.02	2322.57	323.76	762.47
7	4.07	-791.95	204.35	2119.45	382.52	738.29
9	0.00	-1292.28	2.38	3114.66	4.33	683.65
9	2.04	-1199.29	-1.05	2929.34	5.43	663.31
9	4.07	-1147.79	-2.80	2824.12	6.01	651.78
10	0.00	-1261.40	-2.38	3053.78	4.33	676.96
10	2.04	-1177.21	1.05	2884.46	5.43	658.39
10	4.07	-1136.62	2.80	2801.06	6.01	649.25
11	0.00	-1286.09	7.02	3102.50	23.24	682.31
11	2.04	-1194.75	7.79	2920.14	22.85	662.30
11	4.07	-1144.08	9.56	2816.48	24.73	650.94
12	0.00	-1267.59	-7.02	3066.04	23.24	678.31
12	2.04	-1181.75	-7.79	2893.71	22.85	659.41
12	4.07	-1140.32	-9.56	2808.72	24.73	650.09

1	4.07	-845.17	25.60	2237.63	162.22	714.84
1	6.33	-470.77	77.95	1290.69	126.43	598.59
1	8.58	-453.68	73.86	1245.79	124.76	592.74
3	4.07	-778.94	-0.86	2075.24	82.25	695.69
3	6.33	-460.35	42.90	1263.32	53.69	595.02
3	8.58	-442.63	58.43	1216.68	79.72	588.92
5	4.07	-827.90	47.80	2195.49	419.45	709.89
5	6.33	-461.08	76.55	1265.26	311.11	595.28
5	8.58	-414.74	45.56	1142.91	347.55	579.18
7	4.07	-746.86	40.38	1995.80	395.46	686.22
7	6.33	-442.36	40.29	1215.96	289.29	588.83
7	8.58	-370.31	5.87	1024.61	334.03	563.32
9	4.07	-1002.69	-1.05	2488.59	1.56	588.67
9	6.33	-644.31	-3.17	1686.19	1.32	499.09
9	8.58	-564.92	-3.33	1495.33	0.53	476.98
10	4.07	-993.51	1.05	2469.24	1.56	586.54
10	6.33	-649.85	3.17	1699.34	1.32	500.60
10	8.58	-574.20	3.33	1517.88	0.53	479.61
11	4.07	-1002.54	-3.74	2488.26	19.95	588.63
11	6.33	-646.69	0.90	1691.84	13.80	499.74
11	8.58	-568.11	-1.07	1503.09	15.37	477.88
12	4.07	-993.66	3.74	2469.57	19.95	586.58
12	6.33	-647.47	-0.90	1693.70	13.80	499.95
12	8.58	-571.01	1.07	1510.14	15.37	478.71
1	8.58	-358.56	94.62	990.22	93.93	523.25
1	10.46	-294.82	87.38	819.34	70.98	499.96
3	8.58	-347.83	7.11	961.62	50.47	519.41
3	10.46	-281.93	6.18	784.53	30.58	495.12
5	8.58	-315.54	161.11	875.13	247.18	507.65
5	10.46	-227.13	149.37	635.45	175.32	473.98
7	8.58	-267.94	130.59	746.61	234.15	489.81
7	10.46	-156.23	121.30	440.13	163.21	445.15
9	8.58	-394.23	-2.87	1063.56	0.84	400.45
9	10.46	-247.23	-2.63	681.93	0.78	351.75
10	8.58	-403.68	2.87	1087.48	0.84	403.38
10	10.46	-259.82	2.63	715.31	0.78	356.18
11	8.58	-398.65	-7.67	1074.77	9.79	401.83
11	10.46	-251.91	-6.86	694.35	6.70	353.40
12	8.58	-399.25	7.67	1076.28	9.79	402.01
12	10.46	-255.14	6.86	702.92	6.70	354.54

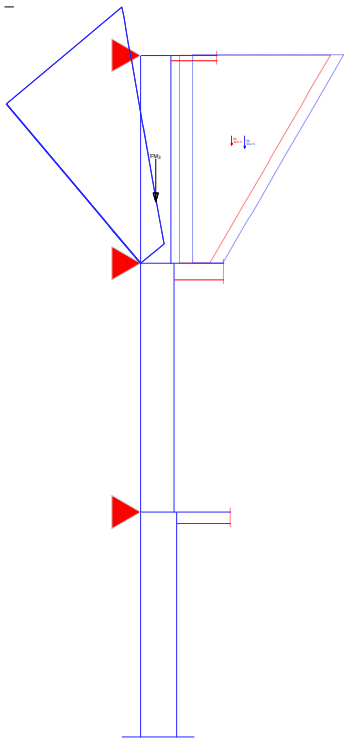
Verifiche deformazioni

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	2	SLD	0.37	0.96	3.13
0.00	4.07	8	SLD	0.46	1.18	2.54
4.07	8.58	6	SLD	0.54	1.29	2.32
8.58	12.35	4	SLD	0.21	0.57	5.28

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	4	SLD	0.36	0.92	3.25
4.07	8.58	2	SLD	0.38	0.89	3.37
4.07	8.58	8	SLD	0.54	1.29	2.33
8.58	12.35	6	SLD	0.39	1.06	2.84

Zi <m>	Zf <m>	CC	TCC	δ <cm>	δ/h	Sic.
0.00	4.07	6	SLD	0.47	1.22	2.45
4.07	8.58	4	SLD	0.37	0.87	3.45
8.58	12.35	2	SLD	0.21	0.58	5.14
8.58	12.35	8	SLD	0.38	1.04	2.87

Verifiche cinematismi
Ribalt. a z=8.58 ammors. a z=8.58

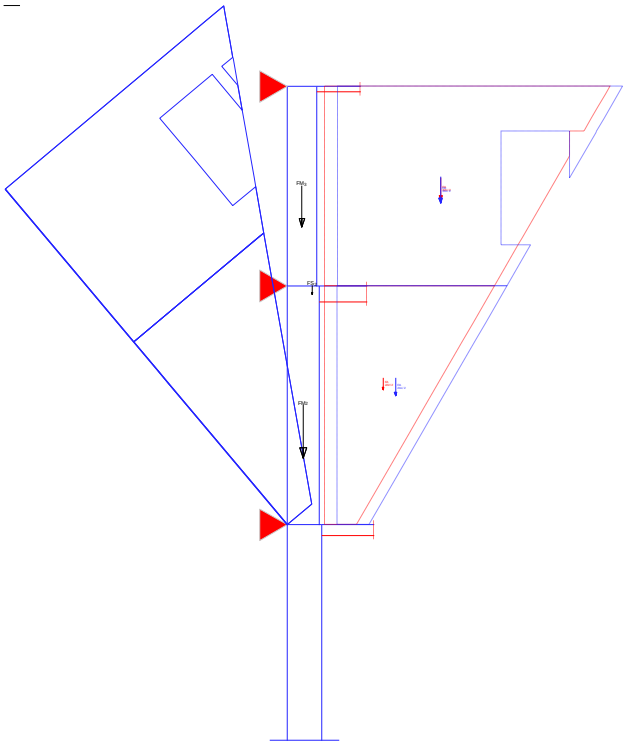


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{321/3}$		51.88	0.61	10.88	Peso ammorsamenti 321/3
$FA_{311/3}$		71.34	0.61	10.88	Peso ammorsamenti 311/3
FM_3		249.07	-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^*=37595.60 <kg>
Frazione di massa partecipante e^*=0.99
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=199.86 <mm>
Domanda di spostamento [C8A.4.11]=121.69 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.6423
Domanda di spostamento amplificata [C8A.4.12]=67.70 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.9520

Ribalt. a z=4.07 ammors. a z=4.07

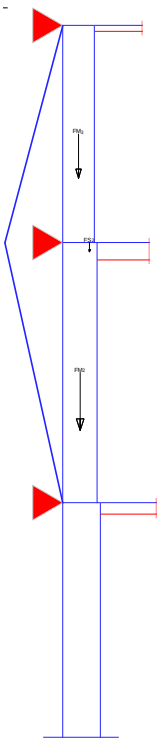


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
$FA_{222/2}$		72.05	0.77	6.84	Peso ammorsamenti 222/2
$FA_{321/2}$		135.40	1.86	10.62	Peso ammorsamenti 321/2
$FA_{211/2}$		108.08	0.77	6.84	Peso ammorsamenti 211/2
$FA_{311/2}$		160.22	1.62	10.64	Peso ammorsamenti 311/2
FM_2		325.05	-0.02	6.33	Peso maschio piano 2
FM_3		249.07	-0.05	10.46	Peso maschio piano 3
FS_2		51.01	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^*=94230.70 <kg>
Frazione di massa partecipante e^*=0.84
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=430.80 <mm>
Domanda di spostamento [C8A.4.11]=182.24 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=2.3639
Domanda di spostamento amplificata [C8A.4.12]=44.18 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=9.7505

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

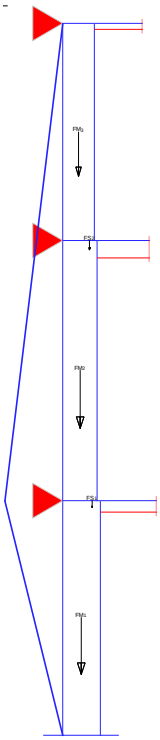


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_2		325.05	-0.02	6.33	Peso maschio piano 2
FM_3		249.07	-0.05	10.46	Peso maschio piano 3
FS_2		51.01	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^*=59886.70 <kg>
Frazione di massa partecipante e^*=0.94
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=87.81 <mm>
Domanda di spostamento [C8A.4.11]=76.38 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.1496
Domanda di spostamento amplificata [C8A.4.12]=48.23 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.8205

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

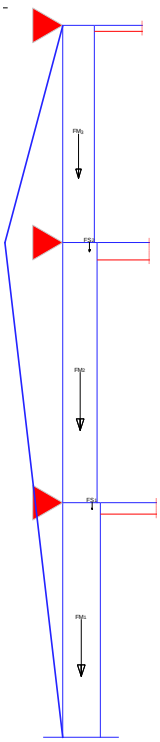


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		317.78	0.00	2.04	Peso maschio piano 1
FM_2		325.05	-0.02	6.33	Peso maschio piano 2
FM_3		249.07	-0.05	10.46	Peso maschio piano 3
FS_1		38.27	0.18	4.07	Peso solaio piano 1
FS_2		51.01	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^*=85827.60 <kg>
Frazione di massa partecipante e^*=0.86
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=108.65 <mm>
Domanda di spostamento [C8A.4.11]=74.96 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.4494

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

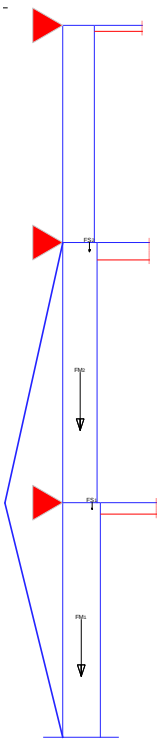


Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		317.78	0.00	2.04	Peso maschio piano 1
FM_2		325.05	-0.02	6.33	Peso maschio piano 2
FM_3		249.07	-0.05	10.46	Peso maschio piano 3
FS_1		38.27	0.18	4.07	Peso solaio piano 1
FS_2		51.01	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^*=83365.00 <kg>
Frazione di massa partecipante e^*=0.83
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=122.99 <mm>
Domanda di spostamento [C8A.4.11]=115.09 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.0686

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



Elenco forze agenti

N	Fx	Fz	Xg	Zg	Commento
FM_1		317.78	0.00	2.04	Peso maschio piano 1
FM_2		325.05	-0.02	6.33	Peso maschio piano 2
FS_1		38.27	0.18	4.07	Peso solaio piano 1
FS_2		51.01	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^*=66277.00 <kg>
Frazione di massa partecipante e^*=0.89
Analisi cinematica non lineare
Capacità di spostamento ultimo d_u^*=74.46 <mm>
Domanda di spostamento [C8A.4.11]=60.94 <mm>
Indicatore di rischio in termini di accelerazione α (A_g)=1.2218

Verifiche aste in legno

Caratteristiche sezioni utilizzate
Simbologia

Sez. = Numero della sezione
Cod. = Codice della sezione
Tipo = Tipologia
R = Rettangolare
Cir. = Circolare
Area = Area della sezione
J_y,J_z = Momenti d'inerzia intorno agli assi Y, Z
I_y,I_z = Raggi d'inerzia intorno agli assi Y, Z
w_y,w_z = Moduli di resistenza intorno agli assi Y, Z
$f_{m,k}$ = Resistenza caratteristica a flessione
$f_{c,0,k}$ = Resistenza caratteristica a compressione parallela alle fibre
$f_{t,0,k}$ = Resistenza caratteristica a trazione parallela alle fibre
$f_{v,k}$ = Resistenza caratteristica a taglio

Verifiche di resistenza e stabilità
Simbologia

Xl <m> = Coordinata progressiva (dal nodo iniziale dell'asta) in cui viene effettuato il progetto/verifica
N <daN> = Sforzo normale

M_y, M_z <daNm> = Momenti flettenti intorno agli assi Y e Z
T_y, T_z <daN> = Tagli in direzione Y e Z
σ_N <daN/cmq> = Tensione normale per sforzo normale
σ_M <daN/cmq> = Tensione normale per momento flettente
σ_{Rd} <daN/cmq> = Tensione resistente per flessione
K_h = Coefficiente moltiplicativo per sezioni piccole (flessione)
K_m = Coefficiente di forma
K_{mod} = Coefficiente di durata dei carichi/umidità del legno
σ_{RdC} <daN/cmq> = Tensione resistente per compressione
σ_{RdT} <daN/cmq> = Tensione resistente per trazione
K_l = Coefficiente moltiplicativo per sezioni piccole (trazione)
τ_{Rd} <daN/cmq> = Tensione resistente per taglio

Verifiche di deformabilità
Caratteristiche sezioni utilizzate

Sez.	Cod.	Tipo	Area <cmq>	Jy <cm4>	Jz <cm4>	Iy <cm>	Iz <cm>	Wymin <cmc>	Wzmin <cmc>	$f_{m,k}$ <daN/cmq>	$f_{c,0,k}$ <daN/cmq>	$f_{t,0,k}$ <daN/cmq>	$f_{v,k}$ <daN/cmq>
2	Trave di colmo d25	Cir.	490.87	19174.80	19174.80	6.25	6.25	1533.98	1533.98	233.33	183.33	141.67	24.17
3	Trave puntoni padiglione d32	Cir.	804.25	51471.80	51471.80	8.00	8.00	3216.99	3216.99	233.33	183.33	141.67	24.17

Asta n. 402 (-1904 -1905) Trave di colmo d25 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 10 SLU Xl=0.55
  Sollecitazioni: N=0.00 T_z=69.53 M_y=52.18 T_y=-1.49 M_z=4.70
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=0.00 σ_M=3.40 Sfr.=0.02

- Verifica tensioni per taglio - CC 10 SLU Xl=0.55
  Sollecitazioni: N=0.00 T_z=69.53 M_y=52.18 T_y=-1.49 M_z=4.70
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: τ=0.19 Sfr.=0.01

Asta n. 402 (-1905 -1906) Trave di colmo d25 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 12 SLU Xl=0.00
  Sollecitazioni: N=0.00 T_z=41.72 M_y=30.83 T_y=0.00 M_z=0.00
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=0.00 σ_M=2.01 Sfr.=0.01

- Verifica tensioni per taglio - CC 12 SLU Xl=0.00
  Sollecitazioni: N=0.00 T_z=41.72 M_y=30.83 T_y=0.00 M_z=0.00
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: τ=0.11 Sfr.=0.01

Asta n. 402 (-1906 -1907) Trave di colmo d25 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 9 SLU Xl=3.17
  Sollecitazioni: N=0.00 T_z=-56.48 M_y=41.57 T_y=0.00 M_z=1.94
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=0.00 σ_M=2.71 Sfr.=0.02

- Verifica tensioni per taglio - CC 9 SLU Xl=3.17
  Sollecitazioni: N=0.00 T_z=-56.48 M_y=41.57 T_y=0.00 M_z=1.94
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: τ=0.15 Sfr.=0.01

Asta n. 402 (-1907 -1908) Trave di colmo d25 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 10 SLU Xl=0.00
  Sollecitazioni: N=0.00 T_z=123.47 M_y=170.31 T_y=0.00 M_z=0.00
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=0.00 σ_M=11.10 Sfr.=0.07

- Verifica tensioni per taglio - CC 10 SLU Xl=0.00
  Sollecitazioni: N=0.00 T_z=123.47 M_y=170.31 T_y=0.00 M_z=0.00
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: τ=0.34 Sfr.=0.02

Asta n. 412 (-1793 -1903) Trave puntoni padiglione d32 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 12 SLU Xl=0.35
  Sollecitazioni: N=-1128.76 T_z=4926.37 M_y=4738.89 T_y=-24.83 M_z=55.56
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=-1.40 σ_M=-147.31 Sfr.=0.95

- Verifica tensioni per flessione e trazione - CC 11 SLU Xl=7.48
  Sollecitazioni: N=674.93 T_z=-2650.52 M_y=3581.41 T_y=-25.24 M_z=-122.62
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=0.84 σ_M=111.33 Sfr.=0.72

- Verifica tensioni per taglio - CC 12 SLU Xl=0.35
  Sollecitazioni: N=-1128.76 T_z=4926.37 M_y=4738.89 T_y=-24.83 M_z=55.56
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: τ=8.17 Sfr.=0.51

Asta n. 412 (-1903 -1908) Trave puntoni padiglione d32 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 10 SLU Xl=0.00
  Sollecitazioni: N=-35.83 T_z=2037.47 M_y=1845.89 T_y=-489.46 M_z=487.60
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=-0.04 σ_M=-59.35 Sfr.=0.38

- Verifica tensioni per flessione e trazione - CC 10 SLU Xl=0.52
  Sollecitazioni: N=3.71 T_z=1871.95 M_y=831.90 T_y=-489.46 M_z=232.68
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=0.00 σ_M=26.85 Sfr.=0.17

- Verifica tensioni per taglio - CC 12 SLU Xl=0.00
  Sollecitazioni: N=-35.80 T_z=2038.44 M_y=1845.83 T_y=-488.11 M_z=486.39
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: τ=3.47 Sfr.=0.22

Asta n. 415 (-1887 -1908) Trave puntoni padiglione d32 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 11 SLU Xl=0.29
  Sollecitazioni: N=-112.79 T_z=1065.44 M_y=1043.06 T_y=126.12 M_z=-196.62
  Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00
  σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11
  Tensioni: σ_N=-0.14 σ_M=-32.90 Sfr.=0.21

- Verifica tensioni per flessione e trazione - CC 11 SLU Xl=1.31

Sollecitazioni: N=13.66 T_z=539.32 M_y=247.82 T_y=126.12 M_z=-68.45

Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00

σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11

Tensioni: σ_N=0.02 σ_M=7.99 Sfr.=0.05

- Verifica tensioni per taglio - CC 11 SLU Xl=0.29
Sollecitazioni: N=-112.79 T_z=1065.44 M_y=1043.06 T_y=126.12 M_z=-196.62

Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00

σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11

Tensioni: τ=1.78 Sfr.=0.11

Asta n. 415 (-1880 -1887) Trave puntoni padiglione d32 Crit. 1

- Verifica tensioni per flessione e compressione o flessione semplice - CC 11 SLU Xl=0.36
Sollecitazioni: N=-908.85 T_z=3919.77 M_y=3147.20 T_y=17.08 M_z=-31.21

Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00

σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11

Tensioni: σ_N=-1.13 σ_M=-97.83 Sfr.=0.63

- Verifica tensioni per flessione e trazione - CC 12 SLU Xl=6.49
Sollecitazioni: N=583.97 T_z=-2340.53 M_y=2749.14 T_y=17.44 M_z=74.54

Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00

σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11

Tensioni: σ_N=0.73 σ_M=85.46 Sfr.=0.56

- Verifica tensioni per taglio - CC 11 SLU Xl=0.36
Sollecitazioni: N=-908.85 T_z=3919.77 M_y=3147.20 T_y=17.08 M_z=-31.21

Resistenze: σ_{Rd}=155.56 K_m=1.00 K_{mod}=1.00

σ_{RdC}=122.22 K_h=1.00 σ_{RdT}=94.44 K_l=1.00 τ_{Rd}=16.11

Tensioni: τ=6.50 Sfr.=0.40

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
-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

Specifici	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
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 ricompressione (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
-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

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.
1	0.00	2 Riporto	Inc.
4	10.90	5 Roccia	Roc.

St.	z <m>	Unità geotecnica	Class.
2	2.10	3 Sabbia ghiaiosa	Inc.

St.	z <m>	Unità geotecnica	Class.
3	6.05	4 Limo Argilloso	Coes.

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: γ = 10.69 kN/mc
- Peso specifico del terreno saturo: γ_{sat} = 20.50 kN/mc

Parametri plastici:
- Angolo di attrito efficace: ϕ' = 37.62 grad
- Coesione efficace: c' = 0.00 kN/mq

Caratteristiche litostatiche:
- Grado di sovraconsolidazione: OCR = 1.00
- Coeff. di spinta a riposo: κ_0 = 0.50

2 Riporto:

Classificazione: Incoerente

Pesi:
- Peso specifico del terreno naturale: γ = 20.50 kN/mc
- Peso specifico del terreno saturo: γ_{sat} = 20.69 kN/mc

Parametri plastici:
- Angolo di attrito efficace: ϕ' = 34.87 grad
- Coesione efficace: c' = 0.01 kN/mq

Caratteristiche litostatiche:
- Grado di sovraconsolidazione: OCR = 1.00
- Coeff. di spinta a riposo: κ_0 = 1.00

3 Sabbia ghiaiosa:

Classificazione: Incoerente

Pesi:
- Peso specifico del terreno naturale: γ = 20.50 kN/mc
- Peso specifico del terreno saturo: γ_{sat} = 20.69 kN/mc

Parametri plastici:
- Angolo di attrito efficace: ϕ' = 34.87 grad
- Coesione efficace: c' = 0.01 kN/mq

Caratteristiche litostatiche:
- Grado di sovraconsolidazione: OCR = 1.00
- Coeff. di spinta a riposo: κ_0 = 1.00

4 Limo Argilloso:

Classificazione: Coesivo

Pesi:
- Peso specifico del terreno naturale: γ = 19.25 kN/mc

- Peso specifico del terreno saturo: γ_{sat} = 19.25 kN/mc
Parametri plastici:
- Angolo di attrito efficace: ϕ' = 0.01 grad
- Coesione efficace: c' = 0.01 kN/mq
- Coesione non drenata: c_u = 201.53 kN/mq
Caratteristiche litostatiche:
- Grado di sovraconsolidazione: OCR = 1.00
- Coeff. di spinta a riposo: κ_0 = 1.00

5 Roccia:

Classificazione: Roccia

Pesi:
- Peso specifico del terreno naturale: γ = 25.00 kN/mc
- Peso specifico del terreno saturo: γ_{sat} = 0.00 kN/mc
Parametri plastici:
- Angolo di attrito efficace: ϕ' = 40.00 grad
- Coesione efficace: c' = 5.00 kN/mq
Caratteristiche litostatiche:
- Coeff. di spinta a riposo: κ_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	0.00			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
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

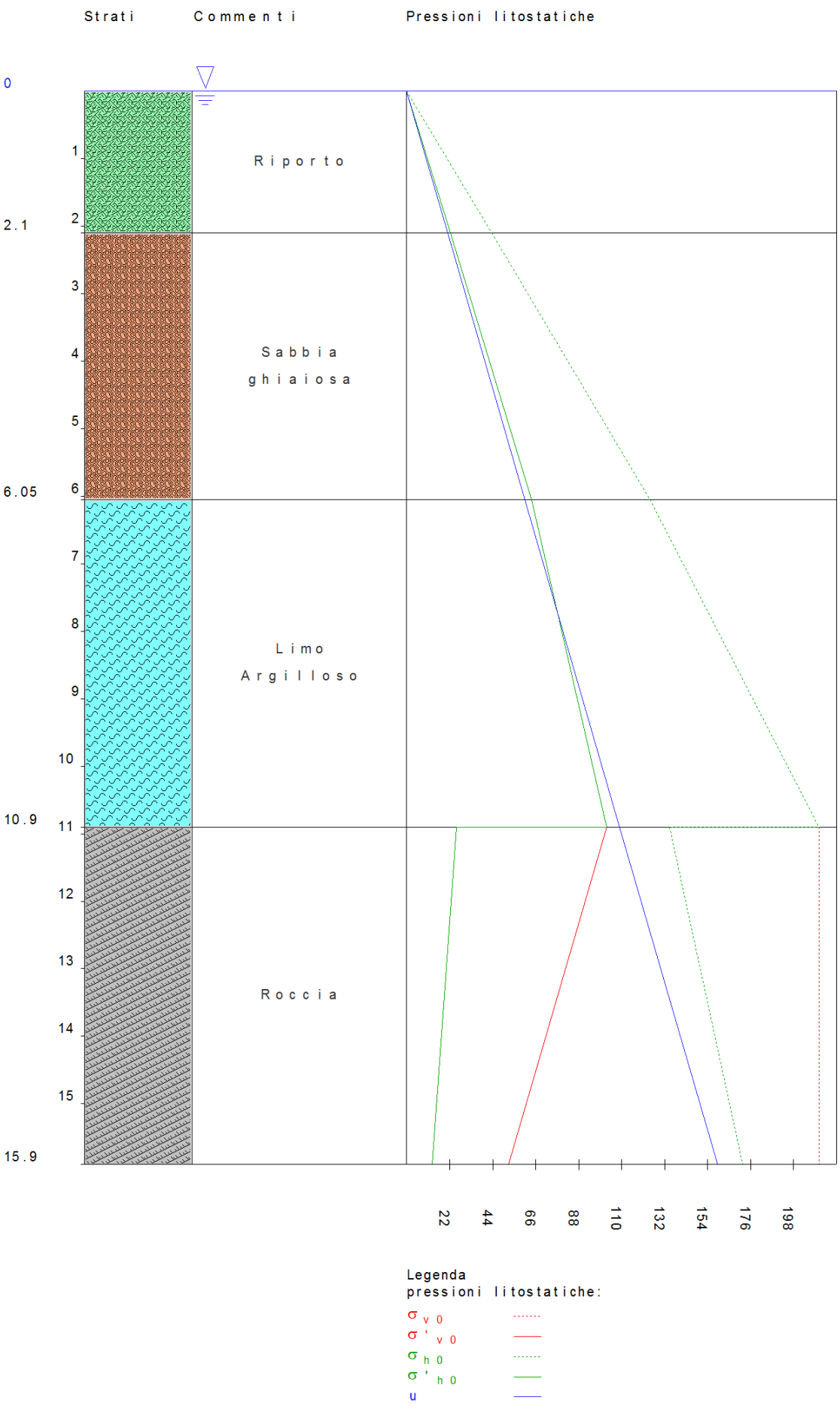


Figura numero 3: Colonna stratigrafica numero 1 Palazzo Comunale, Barberino del Mugello (Fi)

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> 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	7578.88	-315.52	-132.40	-12.56	-214.77	0.90	25.09	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.83	14457.60	1.91
10	7577.79	-124.42	-130.22	-12.51	374.57	0.90	25.05	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.85	14433.70	1.90
11	7462.95	-221.29	-153.70	-10.56	75.36	0.90	25.13	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.88	14486.90	1.94
12	7693.72	-218.66	-108.92	-14.51	84.44	0.90	25.13	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.75	14469.40	1.88

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>
$\sigma_{v0,f}$=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	1334.39	83.04	-9.63	-0.67	-126.19	0.70	5.51	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.86	2498.59	1.87
10	1318.98	98.97	-9.83	-0.67	-114.97	0.70	5.53	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.72	2505.04	1.90
11	1330.29	92.54	-16.19	-0.81	-121.89	0.70	5.52	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.77	2500.32	1.88
12	1323.09	89.47	-3.27	-0.52	-119.28	0.70	5.52	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.81	2503.28	1.89

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>
$\sigma_{v0,f}$=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	8328.21	-358.84	-22.07	-28.35	-533.47	0.89	25.02	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.39	14356.00	1.72
10	8327.28	-176.79	-25.25	-28.26	40.25	0.89	25.14	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.33	14423.70	1.73
11	8442.93	-266.62	-47.19	-30.35	-236.16	0.89	25.09	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.30	14390.40	1.70
12	8212.56	-269.02	-0.13	-26.27	-257.07	0.89	25.09	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1477.41	14400.40	1.75

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>
$\sigma_{v0,f}$=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	4194.43	-201.67	-206.03	-18.42	-392.32	0.89	12.67	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.07	7317.11	1.74
10	4277.58	-178.24	-201.78	-20.08	-388.13	0.89	12.68	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.97	7314.86	1.71
11	4235.96	-189.76	-258.26	-19.23	-532.88	0.89	12.61	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.16	7277.85	1.72
12	4236.05	-190.15	-149.55	-19.26	-247.57	0.89	12.74	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.88	7354.10	1.74

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>

$\sigma_{v0,f}$=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	1243.41	-62.02	-157.41	0.88	81.87	0.70	5.45	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.33	2471.84	1.99
10	1255.01	-52.33	-157.46	0.73	82.44	0.70	5.45	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.37	2472.92	1.97
11	1239.51	-56.29	-172.32	0.81	73.37	0.70	5.47	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.22	2478.02	2.00
12	1258.92	-58.06	-142.56	0.79	90.95	0.70	5.44	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1492.48	2466.83	1.96

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> 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	1704.97	-53.43	72.12	-0.54	-206.87	0.70	7.03	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.94	3166.76	1.86
10	1721.65	-46.39	72.30	-0.77	-207.03	0.70	7.03	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.89	3166.44	1.84
11	1721.32	-51.30	53.62	-0.68	-225.48	0.70	7.01	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1481.02	3157.52	1.83
12	1705.30	-48.52	90.80	-0.63	-188.42	0.70	7.05	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.80	3175.76	1.86

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> 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	1243.83	-76.50	43.91	1.22	-135.27	0.70	5.38	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1492.96	2436.57	1.96
10	1249.54	-69.17	49.32	1.39	-138.00	0.70	5.37	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1492.95	2434.11	1.95
11	1253.83	-73.31	39.50	1.33	-146.91	0.70	5.36	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.10	2428.64	1.94
12	1239.53	-72.36	53.73	1.28	-126.37	0.70	5.39	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1492.81	2442.11	1.97

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> 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	2803.38	-203.09	39.38	0.90	-113.31	0.70	12.78	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.05	5685.02	2.03
10	2800.52	-177.01	36.86	1.13	-123.34	0.70	12.77	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.04	5680.44	2.03

11	2799.82	-189.47	7.27	1.00	-197.64	0.70	12.72	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.14	5657.97	2.02
12	2804.09	-190.64	68.97	1.03	-39.02	0.70	12.83	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.95	5707.46	2.04

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	2649.62	130.08	-122.53	1.89	-625.39	0.70	12.39	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.63	5507.03	2.08
10	2658.03	157.91	-124.56	1.65	-619.32	0.70	12.39	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.65	5511.24	2.07
11	2653.57	143.87	-152.67	1.78	-694.76	0.70	12.34	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.74	5485.16	2.07
12	2654.09	144.13	-94.43	1.76	-549.95	0.70	12.45	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.54	5533.11	2.08

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	2943.43	-20.06	-127.18	-1.65	-455.16	0.70	12.55	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.38	5580.86	1.90
10	2921.43	7.66	-130.34	-1.35	-449.54	0.70	12.55	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.41	5583.18	1.91
11	2932.11	-6.31	-158.94	-1.50	-534.63	0.70	12.50	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.49	5557.42	1.90
12	2932.74	-6.10	-98.58	-1.50	-370.08	0.70	12.61	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.30	5606.60	1.91

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	4378.76	127.86	-160.56	-17.59	-418.36	0.89	12.67	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.18	7321.50	1.67
10	4285.41	157.25	-163.68	-15.97	-422.36	0.89	12.66	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.28	7323.25	1.71
11	4331.18	142.24	-219.88	-16.78	-559.55	0.89	12.60	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.37	7285.82	1.68
12	4332.99	142.87	-104.36	-16.78	-281.17	0.89	12.73	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.10	7358.89	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	1072.67	-55.26	-46.13	0.69	84.97	0.70	4.97	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.32	2261.43	2.11
10	1086.28	-51.44	-46.18	0.70	90.09	0.70	4.96	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.40	2258.16	2.08
11	1077.69	-53.11	-55.74	0.78	87.47	0.70	4.97	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.33	2259.13	2.10
12	1081.25	-53.58	-36.56	0.60	87.58	0.70	4.97	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.39	2260.43	2.09

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_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	351.71	-11.71	-19.58	-0.24	1.53	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.35	782.95	2.23
10	355.00	-9.61	-19.56	-0.26	1.50	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.30	782.99	2.21
11	352.83	-10.69	-21.71	-0.27	1.54	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.31	782.75	2.22
12	353.88	-10.63	-17.43	-0.23	1.49	0.70	1.60	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.35	783.19	2.21

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_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	3898.56	179.59	-164.41	-1.56	-905.92	0.70	17.96	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.72	7951.33	2.04
10	3886.01	240.73	-164.89	-1.60	-754.34	0.70	18.03	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.65	7984.61	2.05
11	3888.42	208.81	-179.91	-1.90	-829.23	0.70	17.99	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.66	7965.96	2.05
12	3896.16	211.51	-149.39	-1.26	-831.03	0.70	17.99	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.71	7969.93	2.05

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_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	796.35	-93.89	119.23	-0.34	46.04	0.70	3.76	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1515.43	1734.09	2.18
10	799.70	-84.93	120.72	-0.33	49.10	0.70	3.76	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1515.58	1731.04	2.16
11	796.49	-91.13	112.88	-0.26	48.09	0.70	3.76	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1515.57	1732.38	2.18
12	799.56	-87.70	127.07	-0.41	47.05	0.70	3.76	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1515.44	1732.74	2.17

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	359.77	-5.11	136.56	-0.70	-1.47	0.70	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.27	914.35	2.54
10	359.71	-3.60	136.49	-0.69	-1.51	0.70	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.30	914.31	2.54
11	359.09	-4.26	130.36	-0.67	-1.58	0.70	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.36	914.32	2.55
12	360.39	-4.46	142.69	-0.72	-1.41	0.70	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.21	914.34	2.54

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	1785.75	37.86	254.42	2.20	-240.24	0.70	8.26	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.75	3694.79	2.07
10	1783.19	61.02	253.55	2.20	-223.65	0.70	8.28	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.68	3702.69	2.08
11	1784.33	50.78	243.71	2.32	-232.21	0.70	8.27	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.70	3697.83	2.07
12	1784.62	48.11	264.26	2.08	-231.68	0.70	8.27	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.73	3699.64	2.07

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	616.35	-4.45	-36.11	0.30	3.96	0.70	3.49	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.32	1612.34	2.62
10	616.78	-3.92	-35.58	0.36	3.58	0.70	3.49	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.25	1612.42	2.61
11	618.33	-4.16	-37.78	0.32	1.66	0.70	3.49	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.13	1615.47	2.61
12	614.81	-4.21	-33.90	0.34	5.88	0.70	3.48	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.43	1609.28	2.62

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	Tx	Ty	Mx	My	B'	L'	s_q	s_c	s_g	d_q	d_c	i_q	i_c	i_g	q_{lim}	R_d	Sic.

	<kN>	<kN>	<kN>	<kNm>	<kNm>	<m>	<m>									<kN/mq>	<kN>	
9	452.07	-11.81	12.63	-0.03	-22.41	0.70	2.00	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1581.42	960.65	2.13
10	453.19	-4.82	12.90	0.02	-22.54	0.70	2.00	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1581.46	960.58	2.12
11	457.84	-8.24	12.16	-0.01	-23.12	0.70	1.99	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1581.58	959.99	2.10
12	447.42	-8.38	13.37	-0.00	-21.83	0.70	2.00	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1581.34	961.51	2.15

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>
$\sigma_{v0,f}$=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	6842.22	-1750.15	-198.59	-25.38	6628.02	0.89	23.21	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1478.35	13317.40	1.95
3	5389.69	-1736.38	11.06	-2.09	6549.29	0.90	22.72	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1479.57	13142.50	2.44
5	8531.33	-599.32	-427.99	-52.27	2292.09	0.89	24.61	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1476.87	14030.20	1.64
7	8526.61	400.89	-414.97	-52.04	-1503.16	0.89	24.80	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1476.78	14135.40	1.66

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>
$\sigma_{v0,f}$=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	1211.03	215.15	41.17	-1.15	-213.94	0.70	5.35	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.27	2423.37	2.00
3	1165.06	196.09	-22.78	0.55	-198.20	0.70	5.36	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.30	2432.67	2.09
5	1147.90	148.81	112.55	-3.10	-150.33	0.69	5.44	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.81	2450.01	2.13
7	1047.82	72.89	109.78	-3.08	-80.07	0.69	5.55	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1490.72	2495.60	2.38

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>
$\sigma_{v0,f}$=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	7004.02	-1773.92	175.01	-31.40	-6179.65	0.89	23.39	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1478.03	13390.40	1.91
3	5556.67	-1762.50	-39.09	-6.97	-6037.81	0.90	22.98	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1479.17	13262.00	2.39
5	8680.96	-637.43	401.00	-59.20	-2076.82	0.89	24.67	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1476.66	14039.70	1.62
7	8670.98	348.11	380.60	-58.59	1581.72	0.89	24.79	1.01	1.03	0.99	1.26	1.27	1.00	1.00	1.00	1476.61	14105.90	1.63

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>
$\sigma_{v0,f}$=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	4209.74	-315.00	-411.89	-31.19	-986.85	0.89	12.39	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.78	7104.59	1.69
3	4208.13	-311.57	162.18	-31.01	811.91	0.89	12.47	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.62	7152.04	1.70
5	3596.09	-198.91	-1033.44	-20.51	-3045.10	0.89	11.17	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1493.22	6441.90	1.79
7	3068.49	-95.98	-992.11	-11.16	-3010.57	0.89	10.90	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1494.56	6321.83	2.06

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> 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	1177.53	-121.84	-180.24	1.91	145.30	0.70	5.34	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.13	2414.57	2.05
3	1053.42	-110.90	-26.30	1.76	34.10	0.70	5.52	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.39	2493.71	2.37
5	1235.19	-82.24	-357.44	1.17	269.36	0.70	5.15	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1495.28	2336.81	1.89
7	1160.49	-37.35	-355.40	0.38	264.49	0.70	5.13	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1495.70	2332.68	2.01

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> 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	1549.73	-90.16	203.04	-2.84	-249.47	0.70	6.95	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1480.93	3117.44	2.01
3	1446.71	-72.83	12.82	-2.51	-15.96	0.70	7.25	1.04	1.07	0.96	1.29	1.30	1.00	1.00	1.00	1479.30	3249.27	2.25
5	1547.01	-76.48	417.47	-1.74	-519.32	0.70	6.60	1.04	1.08	0.96	1.29	1.30	1.00	1.00	1.00	1483.27	2971.48	1.92
7	1441.66	-47.43	411.05	-0.46	-517.13	0.70	6.56	1.04	1.08	0.96	1.29	1.30	1.00	1.00	1.00	1483.82	2958.68	2.05

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> 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	1066.81	-113.00	143.70	2.70	-178.47	0.69	5.26	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1493.60	2373.94	2.23
3	974.75	-106.66	76.02	2.43	-50.33	0.70	5.49	1.05	1.09	0.95	1.29	1.30	1.00	1.00	1.00	1491.38	2474.97	2.54
5	1130.56	-80.15	183.96	1.94	-309.89	0.70	5.05	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1496.11	2286.71	2.02
7	1093.15	-45.65	150.80	1.02	-294.40	0.70	5.06	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1496.27	2296.48	2.10

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	2213.82	-360.19	272.77	2.94	648.19	0.70	12.27	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.68	5447.09	2.46
3	2187.12	-352.36	-43.96	2.75	-364.13	0.70	12.53	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.24	5558.68	2.54
5	2227.48	-215.95	625.19	1.81	1760.60	0.70	11.28	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1465.82	5020.19	2.25
7	2212.49	-84.48	610.54	0.65	1701.77	0.70	11.32	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1465.87	5046.76	2.28

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	2144.92	362.21	-214.44	3.42	-864.06	0.70	12.05	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1464.02	5346.60	2.49
3	2140.88	359.42	88.60	3.30	56.49	0.70	12.81	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.67	5676.17	2.65
5	2093.62	198.29	-552.09	2.09	-1896.63	0.70	11.05	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1466.29	4916.35	2.35
7	2045.62	55.00	-538.47	0.83	-1861.12	0.70	11.04	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1466.47	4921.82	2.41

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	2508.60	243.17	-230.43	-3.99	-780.23	0.70	12.24	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1463.67	5426.84	2.16
3	2503.42	240.90	75.34	-3.95	270.36	0.70	12.64	1.02	1.04	0.98	1.29	1.30	1.00	1.00	1.00	1462.95	5604.32	2.24
5	2350.24	83.10	-563.38	-2.04	-1961.84	0.70	11.19	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1466.01	4980.54	2.12
7	2209.33	-56.38	-543.00	-0.34	-1924.05	0.70	11.12	1.02	1.05	0.98	1.29	1.30	1.00	1.00	1.00	1466.37	4959.75	2.24

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	4331.26	354.44	-356.72	-28.07	-987.56	0.89	12.40	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1490.03	7128.05	1.65

3	4318.69	350.22	218.89	-28.02	763.94	0.89	12.51	1.03	1.05	0.97	1.26	1.27	1.00	1.00	1.00	1489.81	7185.60	1.66
5	3658.90	204.17	-988.67	-17.15	-3000.42	0.89	11.22	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1493.38	6488.26	1.77
7	3070.02	71.15	-954.73	-7.74	-2974.22	0.89	10.92	1.03	1.06	0.97	1.26	1.27	1.00	1.00	1.00	1494.83	6353.08	2.07

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>
$\sigma_{v0,f}$=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	1007.92	-66.00	-72.41	1.03	128.70	0.70	4.87	1.05	1.11	0.95	1.29	1.30	1.00	1.00	1.00	1498.30	2216.35	2.20
3	985.43	-62.88	30.74	-0.08	128.25	0.70	4.87	1.05	1.11	0.95	1.29	1.30	1.00	1.00	1.00	1498.69	2220.63	2.25
5	930.39	-53.66	-190.56	2.27	89.73	0.70	4.94	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1497.09	2233.83	2.40
7	841.45	-39.96	-188.68	2.22	55.88	0.69	5.00	1.05	1.10	0.95	1.29	1.30	1.00	1.00	1.00	1496.35	2258.60	2.68

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>
$\sigma_{v0,f}$=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	313.47	-24.50	-22.79	-0.44	1.68	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.16	780.29	2.49
3	306.69	-24.25	-0.04	-0.17	1.41	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1616.48	783.07	2.55
5	297.42	-12.82	-49.00	-0.65	1.67	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1615.74	778.08	2.62
7	276.87	-2.54	-48.72	-0.57	1.39	0.70	1.59	1.16	1.32	0.84	1.29	1.30	1.00	1.00	1.00	1615.68	778.95	2.81

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>
$\sigma_{v0,f}$=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	3190.68	741.94	-182.83	-2.91	-2242.88	0.70	17.01	1.02	1.03	0.98	1.29	1.30	1.00	1.00	1.00	1457.45	7527.30	2.36
3	3137.66	725.25	-29.81	0.85	-2232.22	0.70	17.00	1.02	1.03	0.98	1.29	1.30	1.00	1.00	1.00	1457.63	7534.55	2.40
5	3153.95	388.74	-356.09	-7.05	-1129.29	0.70	17.70	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1456.47	7797.57	2.47
7	3069.45	69.31	-351.58	-6.84	-164.12	0.70	18.31	1.01	1.03	0.99	1.29	1.30	1.00	1.00	1.00	1455.95	8063.17	2.63

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>
$\sigma_{v0,f}$=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	671.09	-145.37	163.11	-0.93	70.73	0.70	3.67	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1516.99	1687.38	2.51
3	653.35	-123.95	89.07	-0.01	64.42	0.70	3.68	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1517.24	1700.56	2.60
5	665.20	-119.44	236.60	-1.93	56.52	0.69	3.71	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1515.57	1697.14	2.55
7	642.42	-75.78	225.55	-1.87	38.03	0.69	3.76	1.07	1.14	0.93	1.29	1.30	1.00	1.00	1.00	1514.54	1719.49	2.68

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> 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	284.75	-14.91	151.86	-0.82	-1.70	0.69	1.90	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.06	909.98	3.20
3	277.46	-13.65	87.85	-0.48	-0.62	0.70	1.91	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.11	916.62	3.30
5	292.92	-8.62	225.54	-1.16	-2.78	0.69	1.89	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.02	903.73	3.09
7	292.63	-1.97	224.68	-1.11	-2.63	0.69	1.89	1.13	1.27	0.87	1.29	1.30	1.00	1.00	1.00	1587.03	904.63	3.09

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> 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	1409.74	259.60	277.40	2.42	-342.88	0.70	8.04	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1475.52	3594.46	2.55
3	1408.14	243.73	171.32	0.96	-340.61	0.70	8.05	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1475.82	3607.03	2.56
5	1392.38	133.96	394.70	3.99	-226.41	0.69	8.20	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1474.50	3651.87	2.62
7	1375.90	10.39	389.17	3.88	-124.31	0.69	8.35	1.03	1.06	0.97	1.29	1.30	1.00	1.00	1.00	1473.93	3715.24	2.70

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> 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	495.66	-4.17	-37.55	0.78	22.70	0.70	3.41	1.08	1.15	0.92	1.29	1.30	1.00	1.00	1.00	1522.73	1572.50	3.17
3	472.30	-3.59	-18.17	0.66	-3.48	0.70	3.49	1.07	1.15	0.93	1.29	1.30	1.00	1.00	1.00	1521.00	1606.91	3.40
5	518.45	-4.41	-56.54	0.62	50.85	0.70	3.30	1.08	1.15	0.92	1.29	1.30	1.00	1.00	1.00	1525.47	1528.63	2.95
7	514.62	-4.05	-53.43	0.37	48.80	0.70	3.31	1.08	1.15	0.92	1.29	1.30	1.00	1.00	1.00	1525.50	1533.79	2.98

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>
$\sigma_{v0,f}$=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	388.03	-66.79	16.63	0.43	-21.46	0.70	1.98	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1581.68	952.41	2.45
3	322.32	-65.92	11.25	0.42	-13.42	0.70	2.01	1.13	1.25	0.87	1.29	1.30	1.00	1.00	1.00	1579.67	963.76	2.99
5	456.41	-24.10	20.94	0.16	-29.96	0.70	1.96	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1583.56	945.69	2.07
7	449.31	13.37	19.25	-0.08	-29.20	0.70	1.97	1.13	1.26	0.87	1.29	1.30	1.00	1.00	1.00	1583.56	946.76	2.11

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
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 progetto

- Tipologia edificio: muratura esistente

Coeff. C_1: 0.05
Periodo T_1: 0.36961
Coeff. λ SLD: 0.85
Coeff. λ SLV: 0.85
Rapporto di sovraresistenza (α_u/α_1): 1.50
Valore di riferimento del fattore di struttura (q_0): 3.00
Fattore di struttura (q): 3.00

- 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: Sì
- Classe di duttilità: Classe B
- Fattore di struttura per sisma verticale (qv): 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 0.9960
0.0500 2.1471
0.1000 2.5313
0.1500 2.5313
0.2000 2.5313
0.2500 2.0562
0.3000 2.0562
0.3500 2.0562
0.4000 2.0562
0.4500 2.0562
0.5000 2.0562
0.5380 2.0562
0.5500 2.0124
0.6000 1.8446
0.6500 1.7027
0.7000 1.5810
0.7500 1.4758
0.8000 1.3835
0.8500 1.3021
0.9000 1.2298
0.9500 1.1651
1.0000 1.1069
1.0500 1.0542
1.1000 1.0062
1.1500 0.9624
1.2000 0.9225
1.2500 0.8855
1.3000 0.8515
1.3500 0.8198
1.4000 0.7907
1.4500 0.7632
1.5000 0.7380
1.5500 0.7142
1.6000 0.6916
1.6500 0.6707
1.7000 0.6511
1.7500 0.6324
1.8000 0.6148
1.8500 0.5984
1.9000 0.5976
1.9500 0.5976
2.0000 0.5976
2.0500 0.5976
2.1000 0.5976
2.1500 0.5976
2.2000 0.5976
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
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	Perm.Non Strut.: scale_ascensore	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
γ 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	γ 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 <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>	Nodo	Mo <kg>
-2203	112.11	-2202	140.84	-2201	160.44	-2200	96.04	-2199	120.64	-2198	137.43
-2197	1486.47	-2196	348.11	-2195	397.84	-2194	716.12	-2193	807.76	-2192	555.56
-2191	658.57	-2190	1019.83	-2189	1649.63	-2188	997.45	-2187	1036.76	-2186	1076.07
-2185	916.94	-2184	414.18	-2183	522.88	-2182	2382.37	-2181	1413.06	-2180	2658.18
-2179	1396.24	-2177	419.95	-2176	457.58	-2175	174.06	-2174	198.92	-2173	358.06
-2172	3575.36	-2171	277.78	-2170	292.70	-2169	453.26	-2168	4054.02	-2167	332.48
-2166	345.59	-2165	3537.28	-2164	305.64	-2163	207.09	-2162	261.44	-2161	419.16
-2160	628.02	-2159	448.52	-2158	465.41	-2156	1007.68	-2155	4646.24	-2154	668.45
-2153	1336.90	-2152	1336.90	-2151	5647.90	-2150	6316.35	-2149	39.74	-2148	162.26
-2147	376.51	-2146	258.95	-2145	185.44	-2144	333.79	-2143	297.66	-2142	460.95
-2141	745.61	-2140	289.79	-2139	366.30	-2138	320.25	-2137	246.94	-2136	193.05
-2135	243.72	-2134	407.72	-2133	638.68	-2132	472.47	-2131	467.85	-2129	86.72
-2128	73.89	-2127	440.64	-2125	1943.09	-2124	1535.49	-2123	878.10	-2122	997.45
-2121	1953.70	-2120	1798.54	-2119	522.17	-2118	596.77	-2117	1907.52	-2116	1832.92
-2115	1962.22	-2114	2199.51	-2113	784.32	-2112	3241.99	-2111	1281.63	-2110	5145.79
-2109	2472.32	-2107	2016.51	-2106	3882.64	-2105	2525.46	-2102	90.95	-2101	371.38
-2100	424.44	-2099	1356.69	-2098	681.31	-2097	1921.55	-2096	838.41	-2095	1642.18
-2094	1303.64	-2093	557.84	-2092	933.22	-2091	2301.90	-2090	2450.20	-2089	2078.10
-2087	104.52	-2086	426.79	-2085	487.75	-2084	1559.07	-2083	717.70	-2082	2024.18
-2081	883.18	-2080	1729.88	-2079	1498.10	-2078	1948.08	-2077	1027.77	-2076	2424.84
-2075	2481.25	-2074	2189.09	-2072	5101.95	-2071	4105.48	-2070	1117.36	-2069	899.27
-2068	2188.56	-2067	1761.39	-2066	2769.52	-2064	2228.96	-2062	74.56	-2061	63.87
-2060	1012.76	-2059	867.52	-2058	1027.01	-2057	706.36	-2056	255.18	-2055	175.51
-2054	423.75	-2053	362.98	-2052	803.66	-2051	938.21	-2050	905.07	-2049	775.27
-2047	304.45	-2045	1745.93	-2044	615.12	-2042	260.79	-2040	1495.54	-2039	526.90
-2038	1863.85	-2037	1932.09	-2036	966.16	-2035	758.26	-2034	410.44	-2033	470.66
-2032	425.47	-2031	487.89	-2030	216.96	-2029	248.79	-2028	190.66	-2027	218.64
-2026	631.45	-2025	654.56	-2024	333.78	-2023	293.32	-2022	719.15	-2020	745.48
-2018	380.14	-2016	334.06	-2014	1025.30	-2013	705.18	-2012	525.73	-2011	663.69
-2010	329.34	-2009	366.61	-2008	1587.20	-2007	226.51	-2006	252.15	-2005	1091.64
-2004	908.97	-2003	504.99	-2002	2322.06	-2001	441.86	-2000	672.59	-1999	391.91
-1998	505.34	-1997	2033.83	-1996	748.70	-1995	3162.05	-1994	17.22	-1993	2310.48
-1992	1515.64	-1991	2027.43	-1990	1320.90	-1989	354.35	-1988	295.20	-1987	307.94
-1986	213.16	-1985	330.04	-1984	36.99	-1983	86.63	-1982	143.57	-1981	392.13
-1980	70.31	-1979	415.55	-1978	388.56	-1977	172.09	-1976	818.09	-1975	1017.09
-1973	42.14	-1972	965.86	-1971	258.86	-1970	704.81	-1969	633.57	-1968	833.92
-1967	1049.36	-1966	1092.06	-1965	376.39	-1964	400.13	-1963	449.03	-1962	1662.05
-1961	591.85	-1960	1123.38	-1959	1259.23	-1957	733.74	-1956	1592.34	-1955	1258.31
-1954	2911.15	-1953	728.19	-1952	999.52	-1951	1643.07	-1950	1709.94	-1949	555.85
-1948	601.22	-1947	703.08	-1946	2221.15	-1945	888.16	-1944	1758.97	-1943	1971.68
-1942	1091.67	-1941	1970.25	-1940	1148.87	-1939	4166.98	-1938	2493.26	-1932	32.51
-1931	132.75	-1930	151.72	-1929	51.48	-1928	160.18	-1927	106.20	-1926	121.38
-1925	201.24	-1924	222.48	-1923	153.01	-1922	191.00	-1921	268.86	-1920	114.08
-1919	144.01	-1918	1069.26	-1917	122.10	-1916	285.35	-1912	378.49	-1911	333.18
-1910	291.53	-1909	369.88	-1908	1797.99	-1907	2152.34	-1906	66.76	-1905	1303.38
-1904	5030.17	-1903	4289.13	-1902	5996.19	-1901	6690.45	-1900	3015.28	-1899	4184.16
-1898	5534.51	-1897	1287.71	-1896	1471.05	-1895	4806.30	-1894	2077.32	-1893	615.91
-1892	460.97	-1891	1375.32	-1890	2687.64	-1889	1231.77	-1888	4807.21	-1887	3481.37
-1886	273.12	-1885	906.78	-1884	1243.13	-1883	635.82	-1882	2897.74	-1881	2853.71
-1880	2315.37	-1879	377.41	-1878	153.97	-1877	113.73	-1876	2537.17	-1875	347.90
-1874	260.60	-1873	2969.77	-1872	45.36	-1871	72.88	-1870	65.80	-1869	42.08
-1868	2581.85	-1867	112.60	-1866	85.78	-1865	2224.28	-1864	18.56	-1863	45.79
-1862	48.46	-1861	2994.15	-1860	86.11	-1859	195.25	-1858	2933.83	-1857	900.68
-1856	456.07	-1855	759.19	-1854	2084.96	-1853	324.07	-1852	1770.73	-1851	490.33
-1850	2389.27	-1849	335.94	-1848	193.82	-1847	2084.96	-1846	708.35	-1845	37.49
-1844	1299.04	-1843	70.86	-1842	80.73	-1841	315.76	-1840	1794.17	-1839	1335.83
-1838	2830.67	-1837	564.46	-1836	693.16	-1835	679.05	-1834	498.60	-1833	1830.31
-1832	1212.72	-1831	754.99	-1830	565.09	-1829	1686.01	-1828	2421.78	-1827	1263.13
-1826	2475.67	-1825	3901.72	-1824	2272.40	-1823	75.12	-1822	430.81	-1821	1225.26
-1820	64.05	-1819	671.31	-1818	993.10	-1817	403.14	-1816	934.17	-1815	337.06
-1814	2384.73	-1813	1527.56	-1812	1432.23	-1811	973.07	-1810	1520.73	-1809	1251.94
-1808	1219.31	-1807	1610.85	-1806	2024.39	-1805	1354.30	-1804	2411.63	-1803	239.38
-1802	2167.56	-1801	407.52	-1800	1575.11	-1799	1580.65	-1798	2167.56	-1797	745.88
-1796	1092.42	-1795	830.29	-1794	792.21	-1793	2846.00	-1792	213.85	-1791	123.30
-1790	4345.32	-1789	149.31	-1788	91.76	-1787	106.97	-1786	45.84	-1785	77.13
-1784	77.13	-1783	44.49	-1782	4965.41	-1781	82.36	-1780	164.70	-1779	4071.60
-1778	83.45	-1777	199.56	-1776	2751.49	-1775	1116.86	-1774	789.65	-1773	322.11
-1772	237.98	-1771	809.92	-1770	671.56	-1769	503.00	-1768	922.11	-1767	185.15
-1766	297.47	-1765	268.63	-1764	171.81	-1763	543.69	-1762	289.93	-1761	180.61
-1760	343.12	-1759	75.80	-1758	70.23	-1757	81.13	-1756	421.05	-1755	351.55
-1754	796.86	-1753	868.82	-1752	325.25	-1751	302.39	-1750	288.78	-1749	591.03
-1748	214.87	-1747	639.44	-1746	186.51	-1745	559.54	-1744	222.73	-1743	791.45
-1742	591.03	-1741	269.44	-1740	99.81	-1739	668.20	-1738	289.36	-1737	69.82
-1736	169.63	-1735	450.88	-1734	605.76	-1733	465.46	-1732	141.61	-1731	216.83

-1730	258.30	-1729	146.03	-1728	518.85	-1727	414.49	-1726	240.43	-1725	179.96
-1724	536.92	-1723	586.98	-1722	128.23	-1721	762.18	-1720	409.69	-1719	616.05
-1718	306.48	-1717	131.28	-1716	269.08	-1715	261.41	-1714	171.11	-1713	243.38
-1712	135.05	-1711	201.69	-1710	113.42	-1709	626.90	-1708	690.33	-1707	603.30
-1706	328.94	-1705	589.69	-1704	613.75	-1703	601.82	-1702	570.85	-1701	646.46
-1700	529.55	-1699	458.91	-1698	454.32	-1697	671.26	-1696	773.42	-1695	457.27
-1694	618.05	-1693	671.26	-1692	141.93	-1691	317.14	-1690	158.00	-1689	309.76
-1688	1189.06	-1687	873.23	-1686	503.49	-1685	760.64	-1684	609.69	-1683	374.67
-1682	436.81	-1681	187.17	-1680	314.94	-1679	314.94	-1678	181.68	-1677	547.36
-1676	336.23	-1675	672.46	-1674	684.02	-1673	340.74	-1672	814.89	-1671	919.75
-1670	1276.42	-1669	902.45	-1668	368.12	-1667	271.98	-1666	925.62	-1665	767.50
-1664	574.85	-1663	1053.84	-1662	211.60	-1661	339.96	-1660	307.00	-1659	196.36
-1658	621.36	-1657	268.50	-1656	49.45	-1655	481.19	-1654	401.77	-1653	910.70
-1652	992.94	-1651	371.71	-1650	345.58	-1649	675.47	-1648	245.56	-1647	730.78
-1646	639.47	-1645	254.55	-1644	904.51	-1643	675.47	-1642	114.07	-1641	708.18
-1640	330.69	-1639	79.79	-1638	138.38	-1637	515.29	-1636	692.29	-1635	531.96
-1634	161.84	-1633	247.81	-1632	166.89	-1631	592.97	-1630	473.70	-1629	274.78
-1628	205.66	-1627	613.63	-1626	670.83	-1625	132.82	-1624	765.13	-1623	656.09
-1622	350.27	-1621	150.03	-1620	307.51	-1619	298.76	-1618	195.55	-1617	183.78
-1616	154.34	-1615	230.51	-1614	129.62	-1613	716.46	-1612	788.95	-1611	689.49
-1610	375.93	-1609	630.47	-1608	701.42	-1607	687.80	-1606	652.40	-1605	738.81
-1604	605.20	-1603	524.47	-1602	519.22	-1601	767.15	-1600	883.91	-1599	522.59
-1598	706.34	-1597	767.15	-1596	162.21	-1595	362.44	-1594	180.57	-1593	354.01
-1592	1358.93	-1591	997.98	-1590	575.41	-1589	869.30	-1588	696.79	-1587	428.19
-1586	499.21	-1585	213.90	-1584	359.93	-1583	359.93	-1582	207.63	-1581	625.56
-1580	384.26	-1579	768.53	-1578	781.73	-1577	389.41	-1576	931.30	-1575	1051.15
-1574	2297.55	-1573	1236.17	-1572	274.38	-1571	489.55	-1570	1666.11	-1569	1006.79
-1568	660.03	-1567	1896.91	-1566	380.88	-1565	226.70	-1564	167.36	-1563	353.44
-1562	1118.45	-1561	858.15	-1560	633.27	-1559	705.84	-1558	155.94	-1557	324.67
-1556	347.09	-1555	866.15	-1554	350.00	-1553	1266.05	-1552	1787.29	-1551	669.09
-1550	622.05	-1549	594.07	-1548	1215.84	-1547	442.01	-1546	1315.41	-1545	383.68
-1544	1151.05	-1543	458.19	-1542	1628.13	-1541	1215.84	-1540	554.28	-1539	38.70
-1538	1080.25	-1537	595.25	-1536	71.40	-1535	54.62	-1534	927.52	-1533	1246.13
-1532	839.33	-1531	54.91	-1530	327.86	-1529	531.36	-1528	300.41	-1527	694.52
-1526	852.66	-1525	494.60	-1524	370.20	-1523	1104.53	-1522	1207.49	-1521	190.97
-1520	1005.90	-1519	238.71	-1518	834.43	-1517	422.81	-1516	224.10	-1515	253.72
-1514	101.36	-1513	218.69	-1512	52.37	-1511	736.80	-1510	186.25	-1509	1060.89
-1508	1420.10	-1507	989.90	-1506	338.17	-1505	1744.66	-1504	601.33	-1503	1591.62
-1502	2085.34	-1501	2361.55	-1500	1089.35	-1499	944.04	-1498	934.60	-1497	2452.16
-1496	1591.04	-1495	1670.43	-1494	1271.41	-1493	2452.16	-1492	291.98	-1491	1158.52
-1490	325.02	-1489	637.22	-1488	2446.06	-1487	1369.54	-1486	608.92	-1485	1564.74
-1484	833.96	-1483	546.66	-1482	1595.70	-1481	683.73	-1480	299.15	-1479	299.15
-1478	663.69	-1477	1999.55	-1476	477.70	-1475	999.62	-1474	1407.12	-1473	315.71
-1472	2223.32	-1471	3359.91	-1470	3646.90	-1469	1819.04	-1468	207.77	-1467	552.21
-1466	1879.34	-1465	1037.46	-1464	646.33	-1463	2139.67	-1462	429.62	-1461	154.78
-1460	87.85	-1459	398.68	-1458	2052.79	-1457	1066.18	-1456	812.52	-1455	1682.52
-1454	175.89	-1453	433.83	-1452	459.12	-1451	977.00	-1450	297.01	-1449	1872.02
-1448	2836.97	-1447	2226.96	-1446	701.66	-1445	2140.67	-1444	1929.91	-1443	498.58
-1442	4715.12	-1441	432.79	-1440	1298.36	-1439	516.83	-1438	2584.33	-1437	1929.91
-1436	625.22	-1434	1218.49	-1433	944.84	-1432	61.61	-1431	61.61	-1430	2194.37
-1429	4290.07	-1428	1288.68	-1427	338.85	-1426	599.36	-1425	338.85	-1424	964.95
-1423	961.78	-1422	557.90	-1421	417.57	-1420	1245.88	-1419	1362.02	-1418	215.40
-1417	1134.64	-1416	269.25	-1415	894.48	-1414	1011.77	-1413	240.73	-1412	211.75
-1411	197.76	-1410	2738.93	-1409	4595.00	-1408	1478.67	-1407	292.76	-1406	505.04
-1405	1228.76	-1404	1064.85	-1403	1483.49	-1402	1434.13	-1401	718.77	-1400	575.02
-1399	1764.99	-1398	830.58	-1397	142.90	-1396	379.79	-1395	1292.56	-1394	713.54
-1393	444.53	-1392	1471.61	-1391	295.49	-1390	106.46	-1389	60.42	-1388	274.20
-1387	867.69	-1386	733.29	-1385	558.83	-1384	547.58	-1383	120.97	-1382	152.30
-1381	169.70	-1380	671.96	-1379	204.28	-1378	519.07	-1377	482.58	-1376	460.88
-1375	342.91	-1374	1020.49	-1373	297.66	-1372	892.98	-1371	355.46	-1370	430.01
-1368	838.05	-1367	42.37	-1366	42.37	-1365	233.05	-1364	412.22	-1363	233.05
-1362	661.49	-1361	383.71	-1360	287.20	-1359	856.88	-1358	936.77	-1357	148.15
-1356	780.38	-1355	185.19	-1354	615.20	-1353	165.57	-1352	145.64	-1351	136.01
-1350	201.35	-1349	347.36	-1348	845.11	-1347	732.38	-1346	986.36	-1345	494.36
-1344	395.49	-1343	1213.92	-1342	571.25	-1341	2055.94	-1340	1025.48	-1339	106.54
-1338	283.14	-1337	963.63	-1336	531.96	-1335	331.41	-1334	1097.12	-1333	220.29
-1332	79.37	-1331	45.05	-1330	204.42	-1329	646.88	-1328	546.69	-1327	416.62
-1326	408.24	-1325	90.19	-1324	38.51	-1323	51.48	-1322	500.96	-1321	152.29
-1320	1055.35	-1319	1599.34	-1318	386.98	-1317	359.78	-1316	343.59	-1315	1087.98
-1314	255.65	-1313	760.80	-1312	221.91	-1311	665.74	-1310	265.01	-1309	1456.92
-1308	1087.98	-1307	320.58	-1305	624.79	-1304	532.65	-1303	31.59	-1302	31.59
-1301	829.98	-1300	1115.09	-1299	726.50	-1298	173.75	-1297	307.32	-1296	173.75
-1295	543.99	-1294	493.16	-1293	286.07	-1292	214.11	-1291	638.83	-1290	698.38
-1289	110.45	-1288	581.79	-1287	138.06	-1286	458.64	-1285	816.40	-1284	123.44
-1283	160.58	-1282	108.58	-1281	707.99	-1280	101.40	-1279	1383.00	-1278	1270.77
-1277	833.60	-1276	150.11	-1275	1676.44	-1274	258.96	-1273	1460.13	-1272	2003.79
-1271	2269.20	-1270	630.05	-1269	546.01	-1268	836.32	-1267	2356.26	-1266	1423.73
-1265	1605.10	-1264	735.35	-1263	2356.26	-1262	168.87	-1261	1113.22	-1260	187.98
-1259	368.55	-1258	2188.84	-1257	1168.12	-1256	326.15	-1255	905.00	-1254	487.53

-1253	493.13	-1252	1533.30	-1251	656.99	-1250	254.16	-1249	254.16	-1248	637.73
-1247	1921.35	-1246	404.07	-1245	557.31	-1244	813.84	-1243	161.67	-1242	2081.22
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-1235	953.74	-1234	700.55	-1233	1385.04	-1232	278.10	-1231	390.30	-1230	346.97
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-1223	154.63	-1222	171.00	-1221	632.43	-1220	473.30	-1219	1142.17	-1218	1305.01
-1217	488.54	-1216	454.20	-1215	433.76	-1214	887.76	-1213	322.74	-1212	960.46
-1211	280.15	-1210	840.45	-1209	334.56	-1208	1188.79	-1207	887.76	-1206	404.72
-1204	788.75	-1203	434.63	-1202	39.88	-1201	39.88	-1200	677.23	-1199	909.87
-1198	592.79	-1197	219.34	-1196	387.98	-1195	219.34	-1194	597.02	-1193	1532.07
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-1150	854.33	-1149	1437.56	-1148	1437.56	-1147	864.77	-1146	1248.00	-1145	348.09
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-1078	457.55	-1077	281.53	-1076	1289.97	-1075	311.67	-1074	1062.60	-1073	1553.17
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-717	2175.20	-716	1199.60	-715	576.28	-714	937.87	-713	1360.01	-712	328.20
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-410	2011.76	-409	1370.37	-408	934.01	-407	2177.96	-406	306.62	-405	314.32
-404	1267.79	-403	715.66	-402	262.97	-401	236.00	-400	406.54	-399	781.95
-398	195.65	-397	230.21	-396	187.71	-395	1097.94	-394	512.43	-393	9671.32
-392	10665.40	-391	645.78	-390	662.37	-389	573.38	-388	2412.38	-387	155.74
-386	1269.60	-385	370.32	-384	1666.43	-383	2412.38	-382	381.17	-381	534.98
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-288	2698.37	-287	1552.84	-286	967.40	-285	2921.99	-284	411.37	-283	888.65
-282	2748.78	-281	1963.69	-280	498.51	-279	368.46	-278	1004.97	-277	205.18
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-269	476.83	-268	1577.89	-267	1452.18	-266	889.13	-265	212.41	-264	626.15
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-250	910.32	-249	3950.99	-248	1966.10	-247	788.95	-246	2383.69	-245	1139.58
-244	206.63	-243	505.73	-242	372.80	-241	73.69	-240	277.99	-239	1121.26
-238	698.52	-237	276.30	-236	236.27	-235	408.94	-234	691.57	-233	173.04
-231	971.04	-230	265.64	-229	571.14	-228	507.11	-227	1122.86	-226	327.52
-225	1473.83	-224	223.33	-223	203.76	-222	858.66	-221	28.38	-220	807.17
-219	1590.39	-218	155.74	-217	381.17	-216	280.98	-215	55.54	-214	4417.73
-213	2203.51	-212	354.18	-211	941.32	-210	3073.15	-209	2244.90	-208	1578.16
-207	3327.82	-206	468.51	-205	423.31	-204	1707.37	-203	1063.65	-202	480.38
-201	419.43	-200	622.70	-199	1053.08	-198	263.49	-196	1478.63	-195	878.97
-194	3682.44	-193	4734.34	-192	869.69	-191	1012.07	-190	772.18	-189	3052.76
-188	1709.81	-187	498.72	-186	2244.24	-185	3130.56	-184	3052.76	-183	340.08
-182	2236.43	-181	567.75	-180	419.64	-179	1144.55	-178	233.68	-177	1654.97
-175	488.76	-174	310.28	-173	488.76	-172	2679.90	-171	641.80	-170	543.06
-169	1797.05	-168	1653.88	-167	1307.50	-166	43.21	-165	1229.10	-164	2421.74
-163	1012.62	-162	241.91	-161	713.11	-160	1389.81	-159	1041.77	-158	453.96
-157	741.64	-156	69.12	-155	2114.10	-153	475.58	-152	1435.00	-151	1250.69
-150	546.31	-149	1574.03	-148	2409.45	-147	433.00	-146	1424.72	-145	265.38
-144	733.31	-143	3272.36	-142	1772.36	-141	2444.38	-140	1797.04	-139	3467.14
-138	3059.25	-136	2068.57	-135	2353.59	-134	3467.14	-133	756.01	-132	1279.61
-131	841.57	-130	1036.75	-129	4499.73	-128	2736.61	-127	1395.97	-126	2714.76
-125	1787.64	-124	1120.29	-123	3808.80	-122	681.93	-121	713.23	-120	2929.46
-119	1083.05	-118	2964.47	-117	3792.09	-116	1105.14	-115	3758.27	-114	5002.06
-113	126.27	-112	309.06	-111	227.82	-110	45.03				

Totali masse nodi

Mo <kg>
2421550.00

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.	Φx	Φy	Φz	%Mx	%My	%Mz	%Jpz
1		0.91	39.78	-28.76	0.11	0.00	0.34	0.00	0.00	0.00
2		0.65	39.78	2.99	0.10	0.00	0.00	0.00	0.00	0.00
3		0.42	6.13	-8.80	-1.79	0.00	0.03	0.00	0.00	0.00
4	*	0.39	6.13	1.10	-432.86	0.00	0.00	77.37	0.00	0.00
5	*	0.31	27.37	440.24	1.11	0.00	80.04	0.00	0.00	0.00
6		0.23	18.48	-5.29	0.04	0.00	0.01	0.00	0.00	0.00
7		0.19	18.48	-8.44	-8.52	0.00	0.03	0.03	0.00	0.00
8		0.14	9.74	1.76	0.39	0.00	0.00	0.00	0.00	0.00
9		0.13	5.70	-5.23	-0.22	0.00	0.01	0.00	0.00	0.00
10		0.12	1.68	10.40	2.10	0.00	0.04	0.00	0.00	0.00
11		0.12	1.68	-0.17	12.77	0.00	0.00	0.07	0.00	0.00
12		0.12	1.49	5.53	0.60	0.00	0.01	0.00	0.00	0.00
13		0.12	1.49	-3.60	0.01	0.00	0.01	0.00	0.00	0.00
14		0.10	1.02	9.20	-6.62	0.00	0.03	0.02	0.00	0.00
15		0.10	1.02	-40.13	-3.03	0.00	0.67	0.00	0.00	0.00
16		0.10	1.16	0.13	2.38	0.00	0.00	0.00	0.00	0.00
17	*	0.10	1.25	63.73	3.03	0.00	1.68	0.00	0.00	0.00
18		0.10	1.25	2.53	1.00	0.00	0.00	0.00	0.00	0.00
19		0.09	1.72	51.09	28.71	0.00	1.08	0.34	0.00	0.00
20	*	0.09	0.99	12.92	145.33	0.00	0.07	8.72	0.00	0.00
21		0.09	0.78	-11.92	11.81	0.00	0.06	0.06	0.00	0.00
22	*	0.09	0.78	74.23	-43.53	0.00	2.28	0.78	0.00	0.00
23		0.09	1.60	-44.96	-16.91	0.00	0.83	0.12	0.00	0.00
24		0.09	0.27	35.59	27.88	0.00	0.52	0.32	0.00	0.00

25		0.08	0.27	-18.43	18.72	0.00	0.14	0.14	0.00	0.00
26		0.08	1.18	49.18	-51.80	0.00	1.00	1.11	0.00	0.00
27		0.08	0.91	-1.79	-4.48	0.00	0.00	0.01	0.00	0.00
28		0.08	0.24	-13.07	-3.96	0.00	0.07	0.01	0.00	0.00
29		0.08	0.24	-4.09	-19.83	0.00	0.01	0.16	0.00	0.00
30	*	0.08	0.67	71.11	2.76	0.00	2.09	0.00	0.00	0.00
31		0.08	0.67	19.07	73.59	0.00	0.15	2.24	0.00	0.00
32		0.08	0.99	58.48	-31.39	0.00	1.41	0.41	0.00	0.00
33		0.08	0.50	-5.43	-7.55	0.00	0.01	0.02	0.00	0.00
34		0.08	0.50	18.48	-18.19	0.00	0.14	0.14	0.00	0.00
35		0.08	1.15	45.71	27.31	0.00	0.86	0.31	0.00	0.00
36		0.07	1.15	-5.83	-14.90	0.00	0.01	0.09	0.00	0.00
37		0.07	0.48	15.86	-28.21	0.00	0.10	0.33	0.00	0.00
38		0.07	0.48	-11.46	-19.67	0.00	0.05	0.16	0.00	0.00
39		0.07	0.63	-4.99	-5.10	0.00	0.01	0.01	0.00	0.00
40		0.07	0.47	-0.58	8.69	0.00	0.00	0.03	0.00	0.00
41		0.07	0.46	-17.32	3.26	0.00	0.12	0.00	0.00	0.00
42		0.07	0.38	5.96	-9.11	0.00	0.01	0.03	0.00	0.00
43		0.07	0.38	-6.70	17.06	0.00	0.02	0.12	0.00	0.00
44		0.07	0.75	-1.03	21.01	0.00	0.00	0.18	0.00	0.00
45		0.07	0.75	0.77	23.14	0.00	0.00	0.22	0.00	0.00
46		0.07	0.71	-15.88	-10.10	0.00	0.10	0.04	0.00	0.00
47		0.07	0.05	3.21	1.18	0.00	0.00	0.00	0.00	0.00
48		0.07	0.05	28.86	-1.81	0.00	0.34	0.00	0.00	0.00
49		0.07	1.23	2.75	-1.84	0.00	0.00	0.00	0.00	0.00
50		0.06	0.49	-9.98	-0.23	0.00	0.04	0.00	0.00	0.00
51		0.06	0.49	0.51	2.48	0.00	0.00	0.00	0.00	0.00
52		0.06	0.41	-9.19	-5.12	0.00	0.03	0.01	0.00	0.00
53		0.06	0.13	-0.91	-0.13	0.00	0.00	0.00	0.00	0.00
54		0.06	0.13	8.01	2.79	0.00	0.03	0.00	0.00	0.00
55		0.06	0.73	10.55	9.06	0.00	0.05	0.03	0.00	0.00
56		0.06	0.73	-11.75	3.52	0.00	0.06	0.01	0.00	0.00
57		0.06	0.93	-7.26	-6.84	0.00	0.02	0.02	0.00	0.00
58		0.06	0.93	-1.58	-14.00	0.00	0.00	0.08	0.00	0.00
59		0.06	1.03	-2.14	-3.90	0.00	0.00	0.01	0.00	0.00
60		0.06	1.03	-9.43	9.93	0.00	0.04	0.04	0.00	0.00
Tot.cons.							86.15	86.89	0.00	0.00

Materiali
Muratura ordinaria

Elenco dei criteri di progetto e delle loro principali caratteristiche meccaniche utilizzate:
Murature: 15 Muratura in pietra a spacco_TAB LC2_diatoni+iniezioni+int. rete fibrorinforzata_E,G,fess

Livello di conoscenza: LC2
Fattore di confidenza: 1.20
Resistenza a taglio (τ_k - f_{vk0}) <daN/cmq>: 1.90
Resistenza a compressione (σ_k - f_{bk}) <daN/cmq>: 93.60
Resistenza a compressione per forze orizzontali (f_{bk}*) <daN/cmq>: 30.00
Modulo elastico (E) <daN/cmq>: 13050.00
Modulo elastico tangenziale (G) <daN/cmq>: 4350.00
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

Murature: 16 Muratura in pietra a spacco_TAB LC2_iniezioni_E,G fess_muro confine

Livello di conoscenza: LC2
Fattore di confidenza: 1.20
Resistenza a taglio (τ_k - f_{vk0}) <daN/cmq>: 0.97
Resistenza a compressione (σ_k - f_{bk}) <daN/cmq>: 48.00
Resistenza a compressione per forze orizzontali (f_{bk}*) <daN/cmq>: 30.00
Modulo elastico (E) <daN/cmq>: 13050.00
Modulo elastico tangenziale (G) <daN/cmq>: 4350.00
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

Murature: 13 Muratura in pietra a spacco_TABELLATI LC2_E,G fess

Livello di conoscenza: LC2
Fattore di confidenza: 1.20
Resistenza a taglio (τ_k - f_{vk0}) <daN/cmq>: 0.65
Resistenza a compressione (σ_k - f_{bk}) <daN/cmq>: 32.00
Resistenza a compressione per forze orizzontali (f_{bk}*) <daN/cmq>: 30.00
Modulo elastico (E) <daN/cmq>: 8700.00
Modulo elastico tangenziale (G) <daN/cmq>: 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

Materiali
Legno
Aste in legno: 1 Abete Centro Sud S2 - EC5 (UNI 11035)
Resistenza caratteristica a flessione ($f_{m,k}$) <daN/cmq>: 280.00
Resistenza caratteristica a compressione parallela alle fibre ($f_{c,0,k}$) <daN/cmq>: 220.00
Resistenza caratteristica a trazione parallela alle fibre ($f_{t,0,k}$) <daN/cmq>: 170.00
Resistenza caratteristica a taglio ($f_{v,k}$) <daN/cmq>: 29.00
Modulo di elasticità medio parallelo alle fibre ($E_{0,mean}$) <daN/cmq>: 83333.30
Modulo di elasticità caratteristico parallelo alle fibre ($E_{0,05}$) <daN/cmq>: 55833.30
Modulo di elasticità tangenziale caratteristico parallelo alle fibre ($G_{0,05}$) <daN/cmq>: 5250.00
Classe di servizio: 1
Coefficiente parziale di sicurezza (γM): 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	0.00	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
Mq_{Tot} = 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.	Mq_{Tot} <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_ tavolato+tavolato_ex archivio_post	62.61	1.20	2	1.12	3	3.00	4	--	--	--	--
0	14.13	14.40	12	Solaio copertura_doppio tavolato	4.66	1.32	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	14	Solaio fronte ascensore doppio tavolato	6.53	0.53	2	1.30	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_tavolato+soletta_post	172.76	1.60	2	1.30	3	3.00	4	--	--	--	--
2	8.58	8.58	13	Solaio travetti+tavelle_soffitto sala sindaco	32.43	1.70	2	1.51	3	3.00	4	--	--	--	--
2	8.58	8.58	14	Solaio fronte ascensore doppio tavolato	6.53	0.53	2	1.30	3	3.00	4	--	--	--	--
3	12.35	12.35	4	Solaio sottotetto (con controsoffitto)	129.25	0.78	2	0.67	3	0.50	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	--	--	--	--
3	12.35	14.40	12	Solaio copertura_doppio tavolato	202.97	1.32	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	13.86	12	Solaio copertura_doppio tavolato	28.31	1.32	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	14.12	12	Solaio copertura_doppio tavolato	49.43	1.32	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	14.13	12	Solaio copertura_doppio tavolato	30.06	1.32	2	0.67	3	0.93	5	0.52	11	--	--
3	12.35	14.16	12	Solaio copertura_doppio tavolato	15.21	1.32	2	0.67	3	0.93	5	0.52	11	--	--
0	13.86	14.40	12	Solaio copertura_doppio tavolato	1.33	1.32	2	0.67	3	0.93	5	0.52	11	--	--
0	14.12	14.40	12	Solaio copertura_doppio tavolato	7.97	1.32	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	-624	0.00351	2	-622	0.00533	6
1	SLV	-624	0.01076	1	-635	0.01582	5
2	SLD	-2161	0.00693	2	-1111	0.01079	6
2	SLV	-2161	0.02147	1	-1126	0.03322	5
3	SLD	-1880	0.00860	2	-1973	-0.01464	6
3	SLV	-1880	0.02669	1	-1973	-0.04590	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
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 36	5	SLV	RNP	1.01
Maschio in muratura ordinaria 30	12	SLU	RFP	1.14
Maschio in muratura ordinaria 4	5	SLV	CIN	1.01

Minimo coefficiente di sicurezza:1.01