FASCICOLO DEI CALCOLI POZZETTO (A1.5)

Sommario

Introduzione 2
Sistemi di riferimento 2
Rotazioni e momenti 2
Unità di misura 2
Geometria 2
Elenco vincoli nodi 2
Elenco nodi 3
Elenco materiali 5
Elenco vincoli aste 5
Elenco aste 5
Elenco tipi elementi bidimensionali 6
Elenco elementi bidimensionali 6
Carichi 10
Condizioni di carico elementari 10
Elenco carichi nodi Condizione di carico n. 10: Conc_sbalzo Carichi concentrati 11
Elenco carichi aste Condizione di carico n. 5: traff_distrib_soletta Carichi distribuiti 11
Elenco carichi elementi bidimensionali Condizione di carico n. 1: PESO PROPRIO Carichi uniformi 11
Elenco carichi elementi bidimensionali Condizione di carico n. 2: Spinta terreno Carichi idrostatici 15
Elenco carichi elementi bidimensionali Condizione di carico n. 3: traffico distrib. Carichi uniformi 17
Elenco carichi elementi bidimensionali Condizione di carico n. 4: traffico_conc Carichi idrostatici 18
Elenco carichi elementi bidimensionali Condizione di carico n. 5: traff_distrib_soletta Carichi uniformi 18
Elenco carichi elementi bidimensionali Condizione di carico n. 6: traff_conc_soletta Carichi uniformi 19
Elenco carichi elementi bidimensionali Condizione di carico n. 7: acqua_interna Carichi uniformi 19
Elenco carichi elementi bidimensionali Condizione di carico n. 8: Traffico_conc_metà Carichi uniformi 20
Elenco carichi elementi bidimensionali Condizione di carico n. 8: Traffico_conc_metà Carichi idrostatici 20
Elenco carichi elementi bidimensionali Condizione di carico n. 9: Traffico_distrib_metà Carichi uniformi 20
Elenco carichi elementi bidimensionali Condizione di carico n. 11: sisma_terreno Carichi uniformi 21
Elenco carichi elementi bidimensionali Condizione di carico n. 12: Peso terreno Carichi uniformi 22
Elenco carichi elementi bidimensionali Condizione di carico n. 13: Binder+tappeto Carichi uniformi 22
Risultati del calcolo 23
Parametri di calcolo 23
Mappe sollecitazioni 29
Tensioni sul terreno 34
Criteri di progetto utilizzati 36
Sezioni Generiche 36
Solette/Platee 37
Verifiche e armature solette/platee 38
Armatura platea a quota 0.00 39
Armatura platea a quota 1.55 40
Verifiche sezioni 40
Elementi bidimensionali (nome del file: ORIZZ_CENTRALE_TOT) “PARETE VERTICALE” 42
Elementi bidimensionali (nome del file: ORIZZ_INF_TOT) “PARETE VERTICALE” 45
Elementi bidimensionali (nome del file: SOL_1-1) “SOLETTA” 49
Elementi bidimensionali (nome del file: SOL_2-2) “SOLETTA” 50
Elementi bidimensionali (nome del file: SOL_3-3) “SOLETTA” 50
Elementi bidimensionali (nome del file: SOL_4-4) “SOLETTA” 51
Elementi bidimensionali (nome del file: SOL_5-5) “SOLETTA” 51
Elementi bidimensionali (nome del file: SOL_6-6) “SOLETTA” 52
Elementi bidimensionali (nome del file: SOL_7-7) “SOLETTA” 52
Elementi bidimensionali (nome del file: SBALZO) “PARETE VERTICALE SBALZO” 53
Elementi bidimensionali (nome del file: VERT_CENTRALE_TOT) “PARETE VERTCALE” 54
Elementi bidimensionali (nome del file: VERT_LAT_TOT) “PARETE VERTCALE” 57
Criteri di analisi geotecnica e progetto delle fondazioni 61
Fondazioni superficiali 61
Geotecnica 61
Elenco colonne stratigrafiche 61
Elenco unità geotecniche 61
Report grafico complessivo 62
Figura numero 1: Colonna stratigrafica numero 1 Falda 1 63
Fondazioni superficiali 64
Verifiche capacità portante 64

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.

Unità di misura

Le unità di misura adottate sono le seguenti:
- lunghezze : m
- forze : kg
- masse : kg massa
- 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 <kg/cmc>
1	Libero	L	L	L	L	L	L				
2	El. sew 110001	B	B	L	L	L	B				

Elenco nodi

Simbologia

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

Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn
-752	4.80	2.45	1.97	0	1	-751	4.80	1.25	2.37	0	1	-750	4.80	1.25	1.97	0	1	-749	0.50	2.45	1.97	0	1
-748	0.50	2.45	1.55	0	1	-747	0.50	2.45	1.18	0	1	-746	0.50	2.45	0.79	0	1	-745	0.50	2.45	0.39	0	1
-744	0.00	2.45	0.00	0	2	-743	0.50	2.45	0.00	0	2	-742	0.90	2.45	0.00	0	2	-741	1.20	2.45	0.00	0	2
-740	1.40	2.45	0.00	0	2	-739	1.80	2.45	0.00	0	2	-738	2.00	2.45	0.00	0	2	-737	2.30	2.45	0.00	0	2
-736	2.70	2.45	0.00	0	2	-735	3.10	2.45	0.00	0	2	-734	3.40	2.45	0.00	0	2	-733	3.80	2.45	0.00	0	2
-732	4.05	2.45	0.00	0	2	-731	4.40	2.45	0.00	0	2	-730	6.10	2.45	0.00	0	2	-729	5.67	2.45	0.00	0	2
-728	5.23	2.45	0.00	0	2	-727	4.80	2.45	0.00	0	2	-726	4.80	2.45	0.39	0	1	-725	4.80	2.45	0.79	0	1
-724	4.80	2.45	1.18	0	1	-723	4.80	2.45	1.55	0	1	-722	5.18	2.45	1.55	0	1	-721	5.55	2.45	1.55	0	1
-720	6.10	2.45	1.55	0	1	-719	6.10	2.45	1.97	0	1	-718	6.10	2.45	2.37	0	1	-717	5.55	2.45	2.37	0	1
-716	5.18	2.45	2.37	0	1	-712	4.80	2.45	2.37	0	1	-711	4.40	2.45	2.37	0	1	-710	4.05	2.45	2.37	0	1
-707	3.10	2.45	2.37	0	1	-706	2.70	2.45	2.37	0	1	-705	2.30	2.45	2.37	0	1	-704	2.00	2.45	2.37	0	1
-703	0.50	2.45	2.37	0	1	-702	0.90	2.45	2.37	0	1	-701	1.20	2.45	2.37	0	1	-698	5.55	1.25	2.37	0	1
-697	6.10	1.25	2.37	0	1	-696	6.10	1.25	1.97	0	1	-695	6.10	1.25	1.55	0	1	-694	5.55	1.25	1.55	0	1
-693	5.18	1.25	1.55	0	1	-692	4.80	1.25	1.55	0	1	-691	4.80	1.25	1.18	0	1	-690	4.80	1.25	0.79	0	1
-689	4.80	1.25	0.39	0	1	-688	6.10	1.25	0.00	0	2	-687	5.67	1.25	0.00	0	2	-686	5.23	1.25	0.00	0	2
-685	4.80	1.25	0.00	0	2	-684	4.40	1.25	0.00	0	2	-683	4.05	1.25	0.00	0	2	-682	3.80	1.25	0.00	0	2
-681	3.40	1.25	0.00	0	2	-680	3.10	1.25	0.00	0	2	-679	2.70	1.25	0.00	0	2	-678	2.30	1.25	0.00	0	2
-677	2.00	1.25	0.00	0	2	-676	1.80	1.25	0.00	0	2	-675	1.40	1.25	0.00	0	2	-674	1.20	1.25	0.00	0	2
-673	0.90	1.25	0.00	0	2	-672	0.00	1.25	0.00	0	2	-671	0.50	1.25	0.00	0	2	-670	0.50	1.25	0.39	0	1
-669	0.50	1.25	0.79	0	1	-668	0.50	1.25	1.18	0	1	-667	0.50	1.25	1.55	0	1	-666	0.50	1.25	1.97	0	1
-665	4.05	1.25	2.37	0	1	-662	3.10	1.25	2.37	0	1	-661	2.70	1.25	2.37	0	1	-660	2.30	1.25	2.37	0	1
-659	2.00	1.25	2.37	0	1	-658	0.50	1.25	2.37	0	1	-657	0.90	1.25	2.37	0	1	-656	1.20	1.25	2.37	0	1
-653	4.05	0.85	0.00	0	2	-651	4.05	1.15	0.00	0	2	-650	4.05	1.60	0.00	0	2	-649	4.05	2.05	0.00	0	2
-647	4.05	2.35	0.00	0	2	-646	4.05	3.20	0.00	0	2	-645	4.05	2.98	0.00	0	2	-644	4.05	2.75	0.00	0	2
-643	4.05	2.75	0.39	0	1	-642	4.05	2.75	0.79	0	1	-641	4.05	2.75	1.18	0	1	-640	4.05	2.75	1.55	0	1
-639	4.05	2.75	1.97	0	1	-638	4.05	0.00	0.00	0	2	-637	4.05	0.23	0.00	0	2	-636	4.05	0.45	0.00	0	2
-635	4.05	0.45	0.39	0	1	-634	4.05	0.45	0.79	0	1	-633	4.05	0.45	1.18	0	1	-632	4.05	0.45	1.55	0	1
-631	4.05	0.45	1.97	0	1	-630	4.05	2.75	2.37	0	1	-629	4.05	2.35	2.37	0	1	-627	4.05	2.05	2.37	0	1
-626	4.05	1.60	2.37	0	1	-625	4.05	1.15	2.37	0	1	-623	4.05	0.85	2.37	0	1	-622	4.05	0.45	2.37	0	1
-621	6.10	2.75	2.37	0	1	-620	5.55	2.75	2.37	0	1	-619	5.18	2.75	2.37	0	1	-618	4.80	2.75	2.37	0	1
-617	4.40	2.75	2.37	0	1	-616	3.80	2.75	2.37	0	1	-615	3.40	2.75	2.37	0	1	-614	3.10	2.75	2.37	0	1
-613	2.70	2.75	2.37	0	1	-612	2.30	2.75	2.37	0	1	-611	2.00	2.75	2.37	0	1	-610	1.80	2.75	2.37	0	1
-609	1.40	2.75	2.37	0	1	-608	1.20	2.75	2.37	0	1	-607	0.90	2.75	2.37	0	1	-606	0.50	2.75	2.37	0	1
-605	6.10	2.35	2.37	0	1	-604	5.55	2.35	2.37	0	1	-603	5.18	2.35	2.37	0	1	-602	4.80	2.35	2.37	0	1
-601	4.40	2.35	2.37	0	1	-600	3.80	2.35	2.37	0	1	-599	3.40	2.35	2.37	0	1	-598	3.10	2.35	2.37	0	1
-597	2.70	2.35	2.37	0	1	-596	2.30	2.35	2.37	0	1	-595	2.00	2.35	2.37	0	1	-594	1.80	2.35	2.37	0	1
-593	1.40	2.35	2.37	0	1	-592	1.20	2.35	2.37	0	1	-591	0.90	2.35	2.37	0	1	-590	0.50	2.35	2.37	0	1
-573	6.10	2.05	2.37	0	1	-572	5.55	2.05	2.37	0	1	-570	4.80	2.05	2.37	0	1	-566	3.10	2.05	2.37	0	1
-565	2.70	2.05	2.37	0	1	-564	2.30	2.05	2.37	0	1	-563	2.00	2.05	2.37	0	1	-560	1.20	2.05	2.37	0	1
-559	0.90	2.05	2.37	0	1	-558	0.50	2.05	2.37	0	1	-557	6.10	1.60	2.37	0	1	-556	5.55	1.60	2.37	0	1
-554	4.80	1.60	2.37	0	1	-552	3.80	1.60	2.37	0	1	-551	3.40	1.60	2.37	0	1	-550	3.10	1.60	2.37	0	1
-549	2.70	1.60	2.37	0	1	-548	2.30	1.60	2.37	0	1	-547	2.00	1.60	2.37	0	1	-546	1.80	1.60	2.37	0	1
-545	1.40	1.60	2.37	0	1	-544	1.20	1.60	2.37	0	1	-543	0.90	1.60	2.37	0	1	-542	0.50	1.60	2.37	0	1
-541	6.10	1.15	2.37	0	1	-540	5.55	1.15	2.37	0	1	-538	4.80	1.15	2.37	0	1	-536	3.80	1.15	2.37	0	1
-535	3.40	1.15	2.37	0	1	-534	3.10	1.15	2.37	0	1	-533	2.70	1.15	2.37	0	1	-532	2.30	1.15	2.37	0	1
-531	2.00	1.15	2.37	0	1	-530	1.80	1.15	2.37	0	1	-529	1.40	1.15	2.37	0	1	-528	1.20	1.15	2.37	0	1
-527	0.90	1.15	2.37	0	1	-526	0.50	1.15	2.37	0	1	-509	6.10	0.85	2.37	0	1	-508	5.55	0.85	2.37	0	1
-507	5.18	0.85	2.37	0	1	-506	4.80	0.85	2.37	0	1	-505	4.40	0.85	2.37	0	1	-502	3.10	0.85	2.37	0	1
-501	2.70	0.85	2.37	0	1	-500	2.30	0.85	2.37	0	1	-499	2.00	0.85	2.37	0	1	-496	1.20	0.85	2.37	0	1
-494	0.50	0.85	2.37	0	1	-493	6.10	0.45	2.37	0	1	-492	5.55	0.45	2.37	0	1	-491	5.18	0.45	2.37	0	1
-490	4.80	0.45	2.37	0	1	-489	4.40	0.45	2.37	0	1	-488	3.80	0.45	2.37	0	1	-487	3.40	0.45	2.37	0	1
-486	3.10	0.45	2.37	0	1	-485	2.70	0.45	2.37	0	1	-484	2.30	0.45	2.37	0	1	-483	2.00	0.45	2.37	0	1
-482	1.80	0.45	2.37	0	1	-481	1.40	0.45	2.37	0	1	-480	1.20	0.45	2.37	0	1	-479	0.90	0.45	2.37	0	1
-478	0.50	0.45	2.37	0	1	-477	6.10	2.75	1.97	0	1	-476	5.55	2.75	1.97	0	1	-475	5.18	2.75	1.97	0	1
-474	4.80	2.75	1.97	0	1	-473	4.40	2.75	1.97	0	1	-472	3.80	2.75	1.97	0	1	-471	3.40	2.75	1.97	0	1
-470	3.10	2.75	1.97	0	1	-469	2.70	2.75	1.97	0	1	-468	2.30	2.75	1.97	0	1	-467	2.00	2.75	1.97	0	1
-466	1.80	2.75	1.97	0	1	-465	1.40	2.75	1.97	0	1	-464	1.20	2.75	1.97	0	1	-463	0.90	2.75	1.97	0	1
-462	0.50	2.75	1.97	0	1	-461	6.10	2.35	1.97	0	1	-460	4.80	2.35	1.97	0	1	-459	0.50	2.35	1.97	0	1
-455	6.10	2.05	1.97	0	1	-454	4.80	2.05	1.97	0	1	-453	0.50	2.05	1.97	0	1	-452	6.10	1.60	1.97	0	1
-451	4.80	1.60	1.97	0	1	-450	0.50	1.60	1.97	0	1	-449	6.10	1.15	1.97	0	1	-448	4.80	1.15	1.97	0	1
-447	0.50	1.15	1.97	0	1	-443	6.10	0.85	1.97	0	1	-442	4.80	0.85	1.97	0	1	-441	0.50	0.85	1.97	0	1
-440	6.10	0.45	1.97	0	1	-439	5.55	0.45	1.97	0	1	-438	5.18	0.45	1.97	0	1	-437	4.80	0.45	1.97	0	1
-436	4.40	0.45	1.97	0	1	-435	3.80	0.45	1.97	0	1	-434	3.40	0.45	1.97	0	1	-433	3.10	0.45	1.97	0	1
-432	2.70	0.45	1.97	0	1	-431	2.30	0.45	1.97	0	1	-430	2.00	0.45	1.97	0	1	-429	1.80	0.45	1.97	0	1
-428	1.40	0.45	1.97	0	1	-427	1.20	0.45	1.97	0	1	-426	0.90	0.45	1.97	0	1	-425	0.50	0.45	1.97	0	1
-416	6.10	2.75	1.55	0	1	-415	5.55	2.75	1.55	0	1	-414	5.18	2.75	1.55	0	1	-413	4.80	2.75	1.55	0	1
-412	4.40	2.75	1.55	0	1	-411	3.80	2.75	1.55	0	1	-410	3.40	2.75	1.55	0	1	-409	3.10	2.75	1.55	0	1

-408	2.70	2.75	1.55	0	1	-407	2.30	2.75	1.55	0	1	-406	2.00	2.75	1.55	0	1	-405	1.80	2.75	1.55	0	1
-404	1.40	2.75	1.55	0	1	-403	1.20	2.75	1.55	0	1	-402	0.90	2.75	1.55	0	1	-401	0.50	2.75	1.55	0	1
-400	6.10	2.35	1.55	0	1	-399	5.55	2.35	1.55	0	1	-398	5.18	2.35	1.55	0	1	-397	4.80	2.35	1.55	0	1
-396	0.50	2.35	1.55	0	1	-390	6.10	2.05	1.55	0	1	-389	5.55	2.05	1.55	0	1	-388	5.18	2.05	1.55	0	1
-387	4.80	2.05	1.55	0	1	-386	0.50	2.05	1.55	0	1	-385	6.10	1.60	1.55	0	1	-384	5.55	1.60	1.55	0	1
-383	5.18	1.60	1.55	0	1	-382	4.80	1.60	1.55	0	1	-381	0.50	1.60	1.55	0	1	-380	6.10	1.15	1.55	0	1
-379	5.55	1.15	1.55	0	1	-378	5.18	1.15	1.55	0	1	-377	4.80	1.15	1.55	0	1	-376	0.50	1.15	1.55	0	1
-370	6.10	0.85	1.55	0	1	-369	5.55	0.85	1.55	0	1	-368	5.18	0.85	1.55	0	1	-367	4.80	0.85	1.55	0	1
-366	0.50	0.85	1.55	0	1	-365	6.10	0.45	1.55	0	1	-364	5.55	0.45	1.55	0	1	-363	5.18	0.45	1.55	0	1
-362	4.80	0.45	1.55	0	1	-361	4.40	0.45	1.55	0	1	-360	3.80	0.45	1.55	0	1	-359	3.40	0.45	1.55	0	1
-358	3.10	0.45	1.55	0	1	-357	2.70	0.45	1.55	0	1	-356	2.30	0.45	1.55	0	1	-355	2.00	0.45	1.55	0	1
-354	1.80	0.45	1.55	0	1	-353	1.40	0.45	1.55	0	1	-352	1.20	0.45	1.55	0	1	-351	0.90	0.45	1.55	0	1
-350	0.50	0.45	1.55	0	1	-341	4.80	2.75	1.18	0	1	-340	4.40	2.75	1.18	0	1	-339	3.80	2.75	1.18	0	1
-338	3.40	2.75	1.18	0	1	-337	3.10	2.75	1.18	0	1	-336	2.70	2.75	1.18	0	1	-335	2.30	2.75	1.18	0	1
-334	2.00	2.75	1.18	0	1	-333	1.80	2.75	1.18	0	1	-332	1.40	2.75	1.18	0	1	-331	1.20	2.75	1.18	0	1
-330	0.90	2.75	1.18	0	1	-329	0.50	2.75	1.18	0	1	-328	4.80	2.35	1.18	0	1	-327	0.50	2.35	1.18	0	1
-324	4.80	2.05	1.18	0	1	-323	0.50	2.05	1.18	0	1	-322	4.80	1.60	1.18	0	1	-321	0.50	1.60	1.18	0	1
-320	4.80	1.15	1.18	0	1	-319	0.50	1.15	1.18	0	1	-316	4.80	0.85	1.18	0	1	-315	0.50	0.85	1.18	0	1
-314	4.80	0.45	1.18	0	1	-313	4.40	0.45	1.18	0	1	-312	3.80	0.45	1.18	0	1	-311	3.40	0.45	1.18	0	1
-310	3.10	0.45	1.18	0	1	-309	2.70	0.45	1.18	0	1	-308	2.30	0.45	1.18	0	1	-307	2.00	0.45	1.18	0	1
-306	1.80	0.45	1.18	0	1	-305	1.40	0.45	1.18	0	1	-304	1.20	0.45	1.18	0	1	-303	0.90	0.45	1.18	0	1
-302	0.50	0.45	1.18	0	1	-301	4.80	2.75	0.79	0	1	-300	4.40	2.75	0.79	0	1	-299	3.80	2.75	0.79	0	1
-298	3.40	2.75	0.79	0	1	-297	3.10	2.75	0.79	0	1	-296	2.70	2.75	0.79	0	1	-295	2.30	2.75	0.79	0	1
-294	2.00	2.75	0.79	0	1	-293	1.80	2.75	0.79	0	1	-292	1.40	2.75	0.79	0	1	-291	1.20	2.75	0.79	0	1
-290	0.90	2.75	0.79	0	1	-289	0.50	2.75	0.79	0	1	-288	4.80	2.35	0.79	0	1	-287	0.50	2.35	0.79	0	1
-284	4.80	2.05	0.79	0	1	-283	0.50	2.05	0.79	0	1	-282	4.80	1.60	0.79	0	1	-281	0.50	1.60	0.79	0	1
-280	4.80	1.15	0.79	0	1	-279	0.50	1.15	0.79	0	1	-276	4.80	0.85	0.79	0	1	-275	0.50	0.85	0.79	0	1
-274	4.80	0.45	0.79	0	1	-273	4.40	0.45	0.79	0	1	-272	3.80	0.45	0.79	0	1	-271	3.40	0.45	0.79	0	1
-270	3.10	0.45	0.79	0	1	-269	2.70	0.45	0.79	0	1	-268	2.30	0.45	0.79	0	1	-267	2.00	0.45	0.79	0	1
-266	1.80	0.45	0.79	0	1	-265	1.40	0.45	0.79	0	1	-264	1.20	0.45	0.79	0	1	-263	0.90	0.45	0.79	0	1
-262	0.50	0.45	0.79	0	1	-261	4.80	2.75	0.39	0	1	-260	4.40	2.75	0.39	0	1	-259	3.80	2.75	0.39	0	1
-258	3.40	2.75	0.39	0	1	-257	3.10	2.75	0.39	0	1	-256	2.70	2.75	0.39	0	1	-255	2.30	2.75	0.39	0	1
-254	2.00	2.75	0.39	0	1	-253	1.80	2.75	0.39	0	1	-252	1.40	2.75	0.39	0	1	-251	1.20	2.75	0.39	0	1
-250	0.90	2.75	0.39	0	1	-249	0.50	2.75	0.39	0	1	-248	4.80	2.35	0.39	0	1	-247	0.50	2.35	0.39	0	1
-244	4.80	2.05	0.39	0	1	-243	0.50	2.05	0.39	0	1	-242	4.80	1.60	0.39	0	1	-241	0.50	1.60	0.39	0	1
-240	4.80	1.15	0.39	0	1	-239	0.50	1.15	0.39	0	1	-236	4.80	0.85	0.39	0	1	-235	0.50	0.85	0.39	0	1
-234	4.80	0.45	0.39	0	1	-233	4.40	0.45	0.39	0	1	-232	3.80	0.45	0.39	0	1	-231	3.40	0.45	0.39	0	1
-230	3.10	0.45	0.39	0	1	-229	2.70	0.45	0.39	0	1	-228	2.30	0.45	0.39	0	1	-227	2.00	0.45	0.39	0	1
-226	1.80	0.45	0.39	0	1	-225	1.40	0.45	0.39	0	1	-224	1.20	0.45	0.39	0	1	-223	0.90	0.45	0.39	0	1
-222	0.50	0.45	0.39	0	1	-221	6.10	3.20	0.00	0	2	-220	5.67	3.20	0.00	0	2	-219	5.23	3.20	0.00	0	2
-218	4.80	3.20	0.00	0	2	-217	4.40	3.20	0.00	0	2	-216	3.80	3.20	0.00	0	2	-215	3.40	3.20	0.00	0	2
-214	3.10	3.20	0.00	0	2	-213	2.70	3.20	0.00	0	2	-212	2.30	3.20	0.00	0	2	-211	2.00	3.20	0.00	0	2
-210	1.80	3.20	0.00	0	2	-209	1.40	3.20	0.00	0	2	-208	1.20	3.20	0.00	0	2	-207	0.90	3.20	0.00	0	2
-206	0.50	3.20	0.00	0	2	-205	0.00	3.20	0.00	0	2	-204	6.10	2.98	0.00	0	2	-203	5.67	2.98	0.00	0	2
-202	5.23	2.98	0.00	0	2	-201	4.80	2.98	0.00	0	2	-200	4.40	2.98	0.00	0	2	-199	3.80	2.98	0.00	0	2
-198	3.40	2.98	0.00	0	2	-197	3.10	2.98	0.00	0	2	-196	2.70	2.98	0.00	0	2	-195	2.30	2.98	0.00	0	2
-194	2.00	2.98	0.00	0	2	-193	1.80	2.98	0.00	0	2	-192	1.40	2.98	0.00	0	2	-191	1.20	2.98	0.00	0	2
-190	0.90	2.98	0.00	0	2	-189	0.50	2.98	0.00	0	2	-188	0.00	2.98	0.00	0	2	-187	6.10	2.75	0.00	0	2
-186	5.67	2.75	0.00	0	2	-185	5.23	2.75	0.00	0	2	-184	4.80	2.75	0.00	0	2	-183	4.40	2.75	0.00	0	2
-182	3.80	2.75	0.00	0	2	-181	3.40	2.75	0.00	0	2	-180	3.10	2.75	0.00	0	2	-179	2.70	2.75	0.00	0	2
-178	2.30	2.75	0.00	0	2	-177	2.00	2.75	0.00	0	2	-176	1.80	2.75	0.00	0	2	-175	1.40	2.75	0.00	0	2
-174	1.20	2.75	0.00	0	2	-173	0.90	2.75	0.00	0	2	-172	0.50	2.75	0.00	0	2	-171	0.00	2.75	0.00	0	2
-170	6.10	2.35	0.00	0	2	-169	5.67	2.35	0.00	0	2	-168	5.23	2.35	0.00	0	2	-167	4.80	2.35	0.00	0	2
-166	4.40	2.35	0.00	0	2	-165	3.80	2.35	0.00	0	2	-164	3.40	2.35	0.00	0	2	-163	3.10	2.35	0.00	0	2
-162	2.70	2.35	0.00	0	2	-161	2.30	2.35	0.00	0	2	-160	2.00	2.35	0.00	0	2	-159	1.80	2.35	0.00	0	2
-158	1.40	2.35	0.00	0	2	-157	1.20	2.35	0.00	0	2	-156	0.90	2.35	0.00	0	2	-155	0.50	2.35	0.00	0	2
-154	0.00	2.35	0.00	0	2	-136	6.10	2.05	0.00	0	2	-135	5.67	2.05	0.00	0	2	-134	5.23	2.05	0.00	0	2
-133	4.80	2.05	0.00	0	2	-132	4.40	2.05	0.00	0	2	-131	3.80	2.05	0.00	0	2	-130	3.40	2.05	0.00	0	2
-129	3.10	2.05	0.00	0	2	-128	2.70	2.05	0.00	0	2	-127	2.30	2.05	0.00	0	2	-126	2.00	2.05	0.00	0	2
-125	1.80	2.05	0.00	0	2	-124	1.40	2.05	0.00	0	2	-123	1.20	2.05	0.00	0	2	-122	0.90	2.05	0.00	0	2
-121	0.50	2.05	0.00	0	2	-120	0.00	2.05	0.00	0	2	-119	6.10	1.60	0.00	0	2	-118	5.67	1.60	0.00	0	2
-117	5.23	1.60	0.00	0	2	-116	4.80	1.60	0.00	0	2	-115	4.40	1.60	0.00	0	2	-114	3.80	1.60	0.00	0	2
-113	3.40	1.60	0.00	0	2	-112	3.10	1.60	0.00	0	2	-111	2.70	1.60	0.00	0	2	-110	2.30	1.60	0.00	0	2
-109	2.00	1.60	0.00	0	2	-108	1.80	1.60	0.00	0	2	-107	1.40	1.60	0.00	0	2	-106	1.20	1.60	0.00	0	2
-105	0.90	1.60	0.00	0	2	-104	0.50	1.60	0.00	0	2	-103	0.00	1.60	0.00	0	2	-102	6.10	1.15	0.00	0	2
-101	5.67	1.15	0.00	0	2	-100	5.23	1.15	0.00	0	2	-99	4.80	1.15	0.00	0	2	-98	4.40	1.15	0.00	0	2
-97	3.80	1.15	0.00	0	2	-96	3.40	1.15	0.00	0	2	-95	3.10	1.15	0.00	0	2	-94	2.70	1.15	0.00	0	2
-93	2.30	1.15	0.00	0	2	-92	2.00	1.15	0.00	0	2	-91	1.80	1.15	0.00	0	2	-90	1.40	1.15	0.00	0	2
-89	1.20	1.15	0.00	0	2	-88	0.90	1.15	0.00	0	2	-87	0.50	1.15	0.00	0	2	-86	0.00	1.15	0.00	0	2
-68	6.10	0.85	0.00	0	2	-67	5.67	0.85	0.00	0	2	-66	5.23	0.85	0.00	0	2	-65	4.80	0.85	0.00	0	2
-64	4.40	0.85	0.00	0	2	-63	3.80	0.85	0.00	0	2	-62	3.40	0.85	0.00	0	2	-61	3.10	0.85	0.00	0	2
-60	2.70	0.85	0.00	0	2	-59	2.30	0.85	0.00	0	2	-58	2.00	0.85	0.00	0	2	-57	1.80	0.85	0.00	0	2
-56	1.40	0.85	0.00	0	2	-55	1.20	0.85	0.00	0	2	-54	0.90	0.85	0.00	0	2	-53	0.50	0.85	0.00	0	2
-52	0.00	0.85	0.00	0	2	-51	6.10	0.45	0.00	0	2	-50	5.67	0.45	0.00	0	2	-49	5.23	0.45	0.00	0	2
-48	4.80	0.45	0.00	0	2	-47	4.40	0.45	0.00	0	2	-46	3.80	0.45	0.00	0	2	-45	3.40	0.45	0.00	0	2
-44	3.10	0.45	0.00	0	2	-43	2.70	0.45	0.00	0	2	-42	2.30	0.45	0.00	0	2	-41	2.00	0.45	0.00	0	2
-40	1.80	0.45	0.00	0	2	-39	1.40	0.45	0.00	0	2	-38	1.20	0.45	0.00	0	2	-37	0.90	0.45	0.00	0	2
-36	0.50	0.45	0.00	0	2	-35	0.00	0.45	0.00	0	2	-34	6.10	0.23	0.00	0	2	-33	5.67	0.23	0.00	0	2
-32	5.23	0.23	0.00	0	2	-31	4.80	0.23	0.00	0	2	-30	4.40	0.23	0.00	0	2	-29	3.80	0.23	0.00	0	2
-28	3.40	0.23	0.00	0	2	-27	3.10	0.23	0.00	0	2	-26	2.70	0.23	0.00	0	2	-25	2.30	0.23	0.00	0	2
-24	2.00	0.23	0.00	0	2	-23	1.80	0.23	0.00	0	2	-22	1.40	0.23	0.00	0	2	-21	1.20	0.23	0.00	0	2
-20	0.90	0.23	0.00	0	2	-19	0.50	0.23	0.00	0	2	-18	0.00	0.23	0.00	0	2	-17	6.10	0.00	0.00	0	2

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0	-496	-480	1	0.00	11	0.00	0.00	0.00	0.00
0	-527	-528	1	0.00	11	0.00	0.00	0.00	0.00
0	-528	-496	1	0.00	11	0.00	0.00	0.00	0.00
0	-623	-625	1	0.00	11	0.00	0.00	0.00	0.00
0	-505	-623	1	0.00	11	0.00	0.00	0.00	0.00
0	-625	-665	1	0.00	11	0.00	0.00	0.00	0.00
0	-506	-505	1	0.00	11	0.00	0.00	0.00	0.00
0	-665	-626	1	0.00	11	0.00	0.00	0.00	0.00
0	-538	-506	1	0.00	11	0.00	0.00	0.00	0.00
0	-506	-507	1	0.00	11	0.00	0.00	0.00	0.00
0	-626	-627	1	0.00	11	0.00	0.00	0.00	0.00
0	-751	-538	1	0.00	11	0.00	0.00	0.00	0.00
0	-507	-508	1	0.00	11	0.00	0.00	0.00	0.00
0	-554	-751	1	0.00	11	0.00	0.00	0.00	0.00
0	-627	-629	1	0.00	11	0.00	0.00	0.00	0.00
0	-508	-540	1	0.00	11	0.00	0.00	0.00	0.00
0	-629	-601	1	0.00	11	0.00	0.00	0.00	0.00
0	-570	-554	1	0.00	11	0.00	0.00	0.00	0.00
0	-540	-698	1	0.00	11	0.00	0.00	0.00	0.00
0	-601	-602	1	0.00	11	0.00	0.00	0.00	0.00
0	-698	-556	1	0.00	11	0.00	0.00	0.00	0.00
0	-602	-570	1	0.00	11	0.00	0.00	0.00	0.00
0	-603	-602	1	0.00	11	0.00	0.00	0.00	0.00
0	-556	-572	1	0.00	11	0.00	0.00	0.00	0.00
0	-604	-603	1	0.00	11	0.00	0.00	0.00	0.00
0	-572	-604	1	0.00	11	0.00	0.00	0.00	0.00

Elenco tipi elementi bidimensionali

Simbologia

Tb = Numero del tipo muro/elemento bidimensionale
Comm. = Commento
Tipo = Tipologia
F = 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
L = Pilastro
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. <cm>	Kt <kg/cmc>	Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <cm>	Kt <kg/cmc>
1	PLATEA	W-RTC	S	1	1	30.00	1.00	2	PARETE	F	G	1	3	30.00	
3	SOLETTA	F	G	1	3	25.00									

Elenco elementi bidimensionali

Simbologia

Bid. = Numero del muro/elemento bidimensionale
Tb = Numero del tipo muro/elemento bidimensionale
N1 = Nodo 1
N2 = Nodo 2
N3 = Nodo 3
N4 = Nodo 4
FF = Filo fisso
Dy1 = Scost. filo fisso Y1
Dy2 = Scost. filo fisso Y2
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Bid.	Tb	N1	N2	N3	N4	FF	Dy1 <cm>	Dy2 <cm>	Kt <kg/cmc>	Bid.	Tb	N1	N2	N3	N4	FF	Dy1 <cm>	Dy2 <cm>	Kt <kg/cmc>
1	1	-364	-369	-368	-363	22	0.00	0.00	1.00	1	1	-365	-370	-369	-364	22	0.00	0.00	1.00
1	1	-720	-416	-415	-721	22	0.00	0.00	1.00	1	1	-380	-695	-694	-379	22	0.00	0.00	1.00
1	1	-388	-398	-397	-387	22	0.00	0.00	1.00	1	1	-398	-722	-723	-397	22	0.00	0.00	1.00
1	1	-694	-384	-383	-693	22	0.00	0.00	1.00	1	1	-369	-379	-378	-368	22	0.00	0.00	1.00
1	1	-385	-390	-389	-384	22	0.00	0.00	1.00	1	1	-722	-414	-413	-723	22	0.00	0.00	1.00
1	1	-721	-415	-414	-722	22	0.00	0.00	1.00	1	1	-399	-721	-722	-398	22	0.00	0.00	1.00
1	1	-400	-720	-721	-399	22	0.00	0.00	1.00	1	1	-379	-694	-693	-378	22	0.00	0.00	1.00
1	1	-378	-693	-692	-377	22	0.00	0.00	1.00	1	1	-389	-399	-398	-388	22	0.00	0.00	1.00
1	1	-384	-389	-388	-383	22	0.00	0.00	1.00	1	1	-370	-380	-379	-369	22	0.00	0.00	1.00

1	1	-695	-385	-384	-694	22	0.00	0.00	1.00	1	1	-383	-388	-387	-382	22	0.00	0.00	1.00
1	1	-368	-378	-377	-367	22	0.00	0.00	1.00	1	1	-693	-383	-382	-692	22	0.00	0.00	1.00
1	1	-390	-400	-399	-389	22	0.00	0.00	1.00	1	1	-363	-368	-367	-362	22	0.00	0.00	1.00
2	2	-440	-443	-509	-493	22	0.00	0.00		2	2	-385	-390	-455	-452	22	0.00	0.00	
2	2	-449	-696	-697	-541	22	0.00	0.00		2	2	-719	-477	-621	-718	22	0.00	0.00	
2	2	-400	-720	-719	-461	22	0.00	0.00		2	2	-452	-455	-573	-557	22	0.00	0.00	
2	2	-696	-452	-557	-697	22	0.00	0.00		2	2	-365	-370	-443	-440	22	0.00	0.00	
2	2	-380	-695	-696	-449	22	0.00	0.00		2	2	-390	-400	-461	-455	22	0.00	0.00	
2	2	-695	-385	-452	-696	22	0.00	0.00		2	2	-370	-380	-449	-443	22	0.00	0.00	
2	2	-443	-449	-541	-509	22	0.00	0.00		2	2	-720	-416	-477	-719	22	0.00	0.00	
2	2	-455	-461	-605	-573	22	0.00	0.00		2	2	-461	-719	-718	-605	22	0.00	0.00	
3	1	-650	-115	-132	-649	22	0.00	0.00	1.00	3	1	-165	-647	-732	-733	22	0.00	0.00	1.00
3	1	-36	-37	-54	-53	22	0.00	0.00	1.00	3	1	-117	-118	-135	-134	22	0.00	0.00	1.00
3	1	-173	-174	-191	-190	22	0.00	0.00	1.00	3	1	-154	-155	-743	-744	22	0.00	0.00	1.00
3	1	-171	-172	-189	-188	22	0.00	0.00	1.00	3	1	-14	-15	-32	-31	22	0.00	0.00	1.00
3	1	-133	-134	-168	-167	22	0.00	0.00	1.00	3	1	-89	-90	-675	-674	22	0.00	0.00	1.00
3	1	-30	-31	-48	-47	22	0.00	0.00	1.00	3	1	-159	-160	-738	-739	22	0.00	0.00	1.00
3	1	-26	-27	-44	-43	22	0.00	0.00	1.00	3	1	-636	-47	-64	-653	22	0.00	0.00	1.00
3	1	-174	-175	-192	-191	22	0.00	0.00	1.00	3	1	-686	-687	-118	-117	22	0.00	0.00	1.00
3	1	-190	-191	-208	-207	22	0.00	0.00	1.00	3	1	-156	-157	-741	-742	22	0.00	0.00	1.00
3	1	-28	-29	-46	-45	22	0.00	0.00	1.00	3	1	-674	-675	-107	-106	22	0.00	0.00	1.00
3	1	-179	-180	-197	-196	22	0.00	0.00	1.00	3	1	-202	-203	-220	-219	22	0.00	0.00	1.00
3	1	-186	-187	-204	-203	22	0.00	0.00	1.00	3	1	-40	-41	-58	-57	22	0.00	0.00	1.00
3	1	-118	-119	-136	-135	22	0.00	0.00	1.00	3	1	-684	-685	-116	-115	22	0.00	0.00	1.00
3	1	-185	-186	-203	-202	22	0.00	0.00	1.00	3	1	-39	-40	-57	-56	22	0.00	0.00	1.00
3	1	-201	-202	-219	-218	22	0.00	0.00	1.00	3	1	-33	-34	-51	-50	22	0.00	0.00	1.00
3	1	-32	-33	-50	-49	22	0.00	0.00	1.00	3	1	-129	-130	-164	-163	22	0.00	0.00	1.00
3	1	-195	-196	-213	-212	22	0.00	0.00	1.00	3	1	-125	-126	-160	-159	22	0.00	0.00	1.00
3	1	-644	-183	-200	-645	22	0.00	0.00	1.00	3	1	-110	-111	-128	-127	22	0.00	0.00	1.00
3	1	-653	-64	-98	-651	22	0.00	0.00	1.00	3	1	-193	-194	-211	-210	22	0.00	0.00	1.00
3	1	-167	-168	-728	-727	22	0.00	0.00	1.00	3	1	-135	-136	-170	-169	22	0.00	0.00	1.00
3	1	-109	-110	-127	-126	22	0.00	0.00	1.00	3	1	-192	-193	-210	-209	22	0.00	0.00	1.00
3	1	-86	-87	-671	-672	22	0.00	0.00	1.00	3	1	-41	-42	-59	-58	22	0.00	0.00	1.00
3	1	-182	-644	-645	-199	22	0.00	0.00	1.00	3	1	-681	-682	-114	-113	22	0.00	0.00	1.00
3	1	-175	-176	-193	-192	22	0.00	0.00	1.00	3	1	-87	-88	-673	-671	22	0.00	0.00	1.00
3	1	-91	-92	-677	-676	22	0.00	0.00	1.00	3	1	-645	-200	-217	-646	22	0.00	0.00	1.00
3	1	-94	-95	-680	-679	22	0.00	0.00	1.00	3	1	-649	-132	-166	-647	22	0.00	0.00	1.00
3	1	-95	-96	-681	-680	22	0.00	0.00	1.00	3	1	-29	-637	-636	-46	22	0.00	0.00	1.00
3	1	-651	-98	-684	-683	22	0.00	0.00	1.00	3	1	-45	-46	-63	-62	22	0.00	0.00	1.00
3	1	-47	-48	-65	-64	22	0.00	0.00	1.00	3	1	-638	-13	-30	-637	22	0.00	0.00	1.00
3	1	-115	-116	-133	-132	22	0.00	0.00	1.00	3	1	-164	-165	-733	-734	22	0.00	0.00	1.00
3	1	-676	-677	-109	-108	22	0.00	0.00	1.00	3	1	-49	-50	-67	-66	22	0.00	0.00	1.00
3	1	-60	-61	-95	-94	22	0.00	0.00	1.00	3	1	-734	-733	-182	-181	22	0.00	0.00	1.00
3	1	-25	-26	-43	-42	22	0.00	0.00	1.00	3	1	-101	-102	-688	-687	22	0.00	0.00	1.00
3	1	-106	-107	-124	-123	22	0.00	0.00	1.00	3	1	-177	-178	-195	-194	22	0.00	0.00	1.00
3	1	-194	-195	-212	-211	22	0.00	0.00	1.00	3	1	-90	-91	-676	-675	22	0.00	0.00	1.00
3	1	-58	-59	-93	-92	22	0.00	0.00	1.00	3	1	-105	-106	-123	-122	22	0.00	0.00	1.00
3	1	-176	-177	-194	-193	22	0.00	0.00	1.00	3	1	-1	-2	-19	-18	22	0.00	0.00	1.00
3	1	-18	-19	-36	-35	22	0.00	0.00	1.00	3	1	-168	-169	-729	-728	22	0.00	0.00	1.00
3	1	-44	-45	-62	-61	22	0.00	0.00	1.00	3	1	-178	-179	-196	-195	22	0.00	0.00	1.00
3	1	-738	-737	-178	-177	22	0.00	0.00	1.00	3	1	-112	-113	-130	-129	22	0.00	0.00	1.00
3	1	-637	-30	-47	-636	22	0.00	0.00	1.00	3	1	-180	-181	-198	-197	22	0.00	0.00	1.00
3	1	-197	-198	-215	-214	22	0.00	0.00	1.00	3	1	-64	-65	-99	-98	22	0.00	0.00	1.00
3	1	-675	-676	-108	-107	22	0.00	0.00	1.00	3	1	-671	-673	-105	-104	22	0.00	0.00	1.00
3	1	-100	-101	-687	-686	22	0.00	0.00	1.00	3	1	-15	-16	-33	-32	22	0.00	0.00	1.00
3	1	-92	-93	-678	-677	22	0.00	0.00	1.00	3	1	-9	-10	-27	-26	22	0.00	0.00	1.00
3	1	-729	-730	-187	-186	22	0.00	0.00	1.00	3	1	-680	-681	-113	-112	22	0.00	0.00	1.00
3	1	-5	-6	-23	-22	22	0.00	0.00	1.00	3	1	-20	-21	-38	-37	22	0.00	0.00	1.00
3	1	-35	-36	-53	-52	22	0.00	0.00	1.00	3	1	-11	-12	-29	-28	22	0.00	0.00	1.00
3	1	-727	-728	-185	-184	22	0.00	0.00	1.00	3	1	-196	-197	-214	-213	22	0.00	0.00	1.00
3	1	-162	-163	-735	-736	22	0.00	0.00	1.00	3	1	-111	-112	-129	-128	22	0.00	0.00	1.00
3	1	-199	-645	-646	-216	22	0.00	0.00	1.00	3	1	-43	-44	-61	-60	22	0.00	0.00	1.00
3	1	-740	-739	-176	-175	22	0.00	0.00	1.00	3	1	-169	-170	-730	-729	22	0.00	0.00	1.00
3	1	-65	-66	-100	-99	22	0.00	0.00	1.00	3	1	-183	-184	-201	-200	22	0.00	0.00	1.00
3	1	-66	-67	-101	-100	22	0.00	0.00	1.00	3	1	-678	-679	-111	-110	22	0.00	0.00	1.00
3	1	-22	-23	-40	-39	22	0.00	0.00	1.00	3	1	-127	-128	-162	-161	22	0.00	0.00	1.00
3	1	-13	-14	-31	-30	22	0.00	0.00	1.00	3	1	-42	-43	-60	-59	22	0.00	0.00	1.00
3	1	-57	-58	-92	-91	22	0.00	0.00	1.00	3	1	-123	-124	-158	-157	22	0.00	0.00	1.00
3	1	-737	-736	-179	-178	22	0.00	0.00	1.00	3	1	-31	-32	-49	-48	22	0.00	0.00	1.00
3	1	-685	-686	-117	-116	22	0.00	0.00	1.00	3	1	-161	-162	-736	-737	22	0.00	0.00	1.00
3	1	-160	-161	-737	-738	22	0.00	0.00	1.00	3	1	-163	-164	-734	-735	22	0.00	0.00	1.00
3	1	-19	-20	-37	-36	22	0.00	0.00	1.00	3	1	-4	-5	-22	-21	22	0.00	0.00	1.00
3	1	-2	-3	-20	-19	22	0.00	0.00	1.00	3	1	-122	-123	-157	-156	22	0.00	0.00	1.00
3	1	-63	-653	-651	-97	22	0.00	0.00	1.00	3	1	-158	-159	-739	-740	22	0.00	0.00	1.00
3	1	-107	-108	-125	-124	22	0.00	0.00	1.00	3	1	-672	-671	-104	-103	22	0.00	0.00	1.00
3	1	-677	-678	-110	-109	22	0.00	0.00	1.00	3	1	-88	-89	-674	-673	22	0.00	0.00	1.00
3	1	-134	-135	-169	-168	22	0.00	0.00	1.00	3	1	-67	-68	-102	-101	22	0.00	0.00	1.00
3	1	-121	-122	-156	-155	22	0.00	0.00	1.00	3	1	-673	-674	-106	-105	22	0.00	0.00	1.00
3	1	-48	-49	-66	-65	22	0.00	0.00	1.00	3	1	-46	-636	-653	-63	22	0.00	0.00	1.00
3	1	-37	-38	-55	-54	22	0.00	0.00	1.00	3	1	-38	-39	-56	-55	22	0.00	0.00	1.00
3	1	-23	-24	-41	-40	22	0.00	0.00	1.00	3	1	-12	-638	-637	-29	22	0.00	0.00	1.00
3	1	-739	-738	-177	-176	22	0.00	0.00	1.00	3	1	-62	-63	-97	-96	22	0.00	0.00	1.00

3	1	-683	-684	-115	-650	22	0.00	0.00	1.00	3	1	-10	-11	-28	-27	22	0.00	0.00	1.00
3	1	-61	-62	-96	-95	22	0.00	0.00	1.00	3	1	-56	-57	-91	-90	22	0.00	0.00	1.00
3	1	-157	-158	-740	-741	22	0.00	0.00	1.00	3	1	-172	-173	-190	-189	22	0.00	0.00	1.00
3	1	-733	-732	-644	-182	22	0.00	0.00	1.00	3	1	-735	-734	-181	-180	22	0.00	0.00	1.00
3	1	-731	-727	-184	-183	22	0.00	0.00	1.00	3	1	-728	-729	-186	-185	22	0.00	0.00	1.00
3	1	-181	-182	-199	-198	22	0.00	0.00	1.00	3	1	-7	-8	-25	-24	22	0.00	0.00	1.00
3	1	-116	-117	-134	-133	22	0.00	0.00	1.00	3	1	-99	-100	-686	-685	22	0.00	0.00	1.00
3	1	-59	-60	-94	-93	22	0.00	0.00	1.00	3	1	-93	-94	-679	-678	22	0.00	0.00	1.00
3	1	-131	-649	-647	-165	22	0.00	0.00	1.00	3	1	-687	-688	-119	-118	22	0.00	0.00	1.00
3	1	-6	-7	-24	-23	22	0.00	0.00	1.00	3	1	-128	-129	-163	-162	22	0.00	0.00	1.00
3	1	-191	-192	-209	-208	22	0.00	0.00	1.00	3	1	-743	-742	-173	-172	22	0.00	0.00	1.00
3	1	-52	-53	-87	-86	22	0.00	0.00	1.00	3	1	-198	-199	-216	-215	22	0.00	0.00	1.00
3	1	-21	-22	-39	-38	22	0.00	0.00	1.00	3	1	-126	-127	-161	-160	22	0.00	0.00	1.00
3	1	-166	-167	-727	-731	22	0.00	0.00	1.00	3	1	-203	-204	-221	-220	22	0.00	0.00	1.00
3	1	-55	-56	-90	-89	22	0.00	0.00	1.00	3	1	-27	-28	-45	-44	22	0.00	0.00	1.00
3	1	-742	-741	-174	-173	22	0.00	0.00	1.00	3	1	-98	-99	-685	-684	22	0.00	0.00	1.00
3	1	-3	-4	-21	-20	22	0.00	0.00	1.00	3	1	-8	-9	-26	-25	22	0.00	0.00	1.00
3	1	-132	-133	-167	-166	22	0.00	0.00	1.00	3	1	-679	-680	-112	-111	22	0.00	0.00	1.00
3	1	-103	-104	-121	-120	22	0.00	0.00	1.00	3	1	-120	-121	-155	-154	22	0.00	0.00	1.00
3	1	-736	-735	-180	-179	22	0.00	0.00	1.00	3	1	-50	-51	-68	-67	22	0.00	0.00	1.00
3	1	-16	-17	-34	-33	22	0.00	0.00	1.00	3	1	-114	-650	-649	-131	22	0.00	0.00	1.00
3	1	-744	-743	-172	-171	22	0.00	0.00	1.00	3	1	-54	-55	-89	-88	22	0.00	0.00	1.00
3	1	-188	-189	-206	-205	22	0.00	0.00	1.00	3	1	-53	-54	-88	-87	22	0.00	0.00	1.00
3	1	-184	-185	-202	-201	22	0.00	0.00	1.00	3	1	-155	-156	-742	-743	22	0.00	0.00	1.00
3	1	-24	-25	-42	-41	22	0.00	0.00	1.00	3	1	-130	-131	-165	-164	22	0.00	0.00	1.00
3	1	-741	-740	-175	-174	22	0.00	0.00	1.00	3	1	-113	-114	-131	-130	22	0.00	0.00	1.00
3	1	-96	-97	-682	-681	22	0.00	0.00	1.00	3	1	-647	-166	-731	-732	22	0.00	0.00	1.00
3	1	-200	-201	-218	-217	22	0.00	0.00	1.00	3	1	-732	-731	-183	-644	22	0.00	0.00	1.00
3	1	-124	-125	-159	-158	22	0.00	0.00	1.00	3	1	-189	-190	-207	-206	22	0.00	0.00	1.00
3	1	-97	-651	-683	-682	22	0.00	0.00	1.00	3	1	-682	-683	-650	-114	22	0.00	0.00	1.00
3	1	-104	-105	-122	-121	22	0.00	0.00	1.00	3	1	-108	-109	-126	-125	22	0.00	0.00	1.00
4	3	-536	-625	-665	11	11	0.00	0.00		4	3	10	11	-552	-551	11	0.00	0.00	
4	3	-602	-603	-716	-712	11	0.00	0.00		4	3	-543	-544	-560	-559	11	0.00	0.00	
4	3	-597	-598	-707	-706	11	0.00	0.00		4	3	-706	-707	-614	-613	11	0.00	0.00	
4	3	-556	-557	-573	-572	11	0.00	0.00		4	3	-546	-547	-563	8	11	0.00	0.00	
4	3	14	15	-616	-615	11	0.00	0.00		4	3	-527	-528	-656	-657	11	0.00	0.00	
4	3	13	16	-600	-599	11	0.00	0.00		4	3	-502	9	-535	-534	11	0.00	0.00	
4	3	-629	-601	-711	-710	11	0.00	0.00		4	3	-487	-488	12	9	11	0.00	0.00	
4	3	2	3	-546	-545	11	0.00	0.00		4	3	-492	-493	-509	-508	11	0.00	0.00	
4	3	15	-710	-630	-616	11	0.00	0.00		4	3	-598	-599	14	-707	11	0.00	0.00	
4	3	-560	5	-593	-592	11	0.00	0.00		4	3	-501	-502	-534	-533	11	0.00	0.00	
4	3	-712	-716	-619	-618	11	0.00	0.00		4	3	-558	-559	-591	-590	11	0.00	0.00	
4	3	-508	-509	-541	-540	11	0.00	0.00		4	3	1	4	-530	-529	11	0.00	0.00	
4	3	-603	-604	-717	-716	11	0.00	0.00		4	3	-542	-543	-559	-558	11	0.00	0.00	
4	3	-658	-657	-543	-542	11	0.00	0.00		4	3	-717	-718	-621	-620	11	0.00	0.00	
4	3	-559	-560	-592	-591	11	0.00	0.00		4	3	-604	-605	-718	-717	11	0.00	0.00	
4	3	-662	10	-551	-550	11	0.00	0.00		4	3	-707	14	-615	-614	11	0.00	0.00	
4	3	-486	-487	9	-502	11	0.00	0.00		4	3	-563	-564	-596	-595	11	0.00	0.00	
4	3	-480	-481	1	-496	11	0.00	0.00		4	3	-565	-566	-598	-597	11	0.00	0.00	
4	3	-698	-697	-557	-556	11	0.00	0.00		4	3	-712	-618	-617	-711	11	0.00	0.00	
4	3	-594	-595	-704	7	11	0.00	0.00		4	3	8	-563	-595	-594	11	0.00	0.00	
4	3	9	12	-536	-535	11	0.00	0.00		4	3	-483	-484	-500	-499	11	0.00	0.00	
4	3	-622	-489	-505	-623	11	0.00	0.00		4	3	-482	-483	-499	4	11	0.00	0.00	
4	3	-530	-531	-659	3	11	0.00	0.00		4	3	-534	-535	10	-662	11	0.00	0.00	
4	3	-491	-492	-508	-507	11	0.00	0.00		4	3	-593	-594	7	6	11	0.00	0.00	
4	3	16	-627	-629	-600	11	0.00	0.00		4	3	-600	-629	-710	15	11	0.00	0.00	
4	3	-529	-530	3	2	11	0.00	0.00		4	3	-591	-592	-701	-702	11	0.00	0.00	
4	3	-485	-486	-502	-501	11	0.00	0.00		4	3	-540	-541	-697	-698	11	0.00	0.00	
4	3	-489	-490	-506	-505	11	0.00	0.00		4	3	11	-665	-626	-552	11	0.00	0.00	
4	3	-657	-656	-544	-543	11	0.00	0.00		4	3	-481	-482	4	1	11	0.00	0.00	
4	3	12	-623	-625	-536	11	0.00	0.00		4	3	3	-659	-547	-546	11	0.00	0.00	
4	3	-592	-593	6	-701	11	0.00	0.00		4	3	-550	-551	13	-566	11	0.00	0.00	
4	3	-548	-549	-565	-564	11	0.00	0.00		4	3	-544	-545	5	-560	11	0.00	0.00	
4	3	-659	-660	-548	-547	11	0.00	0.00		4	3	-602	-712	-711	-601	11	0.00	0.00	
4	3	-552	-626	-627	16	11	0.00	0.00		4	3	-490	-491	-507	-506	11	0.00	0.00	
4	3	-596	-597	-706	-705	11	0.00	0.00		4	3	-545	-546	8	5	11	0.00	0.00	
4	3	-661	-662	-550	-549	11	0.00	0.00		4	3	-535	-536	11	10	11	0.00	0.00	
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4	3	4	-499	-531	-530	11	0.00	0.00		4	3	-716	-717	-620	-619	11	0.00	0.00	
4	3	-702	-701	-608	-607	11	0.00	0.00		4	3	5	8	-594	-593	11	0.00	0.00	
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4	3	-599	-600	15	14	11	0.00	0.00
5	2	-290	-289	-329	-330	22	0.00	0.00
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5	2	-408	-407	-468	-469	22	0.00	0.00
5	2	-463	-462	-606	-607	22	0.00	0.00
5	2	-464	-463	-607	-608	22	0.00	0.00
5	2	-175	-174	-251	-252	22	0.00	0.00
5	2	-334	-333	-405	-406	22	0.00	0.00
5	2	-254	-253	-293	-294	22	0.00	0.00
5	2	-475	-476	-620	-619	22	0.00	0.00
5	2	-466	-465	-609	-610	22	0.00	0.00
5	2	-411	-410	-471	-472	22	0.00	0.00
5	2	-291	-290	-330	-331	22	0.00	0.00
5	2	-333	-332	-404	-405	22	0.00	0.00
5	2	-176	-175	-252	-253	22	0.00	0.00
5	2	-339	-338	-410	-411	22	0.00	0.00
5	2	-181	-180	-257	-258	22	0.00	0.00
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5	2	-257	-256	-296	-297	22	0.00	0.00
5	2	-295	-294	-334	-335	22	0.00	0.00
5	2	-404	-403	-464	-465	22	0.00	0.00
5	2	-644	-182	-259	-643	22	0.00	0.00
5	2	-472	-471	-615	-616	22	0.00	0.00
5	2	-410	-409	-470	-471	22	0.00	0.00
5	2	-402	-401	-462	-463	22	0.00	0.00
5	2	-639	-472	-616	-630	22	0.00	0.00
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5	2	-177	-176	-253	-254	22	0.00	0.00
5	2	-413	-414	-475	-474	22	0.00	0.00
5	2	-183	-644	-643	-260	22	0.00	0.00
5	2	-331	-330	-402	-403	22	0.00	0.00
5	2	-251	-250	-290	-291	22	0.00	0.00
5	2	-640	-411	-472	-639	22	0.00	0.00
5	2	-415	-416	-477	-476	22	0.00	0.00
5	2	-260	-643	-642	-300	22	0.00	0.00
5	2	-470	-469	-613	-614	22	0.00	0.00
5	2	-297	-296	-336	-337	22	0.00	0.00
5	2	-338	-337	-409	-410	22	0.00	0.00
5	2	-474	-473	-617	-618	22	0.00	0.00
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5	2	-468	-467	-611	-612	22	0.00	0.00
5	2	-178	-177	-254	-255	22	0.00	0.00
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6	2	-351	-352	-427	-426	22	0.00	0.00
6	2	-302	-303	-351	-350	22	0.00	0.00
6	2	-439	-440	-493	-492	22	0.00	0.00
6	2	-307	-308	-356	-355	22	0.00	0.00
6	2	-264	-265	-305	-304	22	0.00	0.00
6	2	-47	-48	-234	-233	22	0.00	0.00
6	2	-228	-229	-269	-268	22	0.00	0.00
6	2	-312	-633	-632	-360	22	0.00	0.00
6	2	-361	-362	-437	-436	22	0.00	0.00
6	2	-353	-354	-429	-428	22	0.00	0.00
6	2	-350	-351	-426	-425	22	0.00	0.00
6	2	-363	-364	-439	-438	22	0.00	0.00
6	2	-272	-634	-633	-312	22	0.00	0.00
6	2	-38	-39	-225	-224	22	0.00	0.00
6	2	-364	-365	-440	-439	22	0.00	0.00
6	2	-231	-232	-272	-271	22	0.00	0.00
6	2	-358	-359	-434	-433	22	0.00	0.00
6	2	-437	-438	-491	-490	22	0.00	0.00
6	2	-269	-270	-310	-309	22	0.00	0.00
6	2	-435	-631	-622	-488	22	0.00	0.00
6	2	-226	-227	-267	-266	22	0.00	0.00
6	2	-222	-223	-263	-262	22	0.00	0.00
6	2	-360	-632	-631	-435	22	0.00	0.00
6	2	-225	-226	-266	-265	22	0.00	0.00
6	2	-271	-272	-312	-311	22	0.00	0.00
6	2	-634	-273	-313	-633	22	0.00	0.00
6	2	-362	-363	-438	-437	22	0.00	0.00
6	2	-303	-304	-352	-351	22	0.00	0.00
6	2	-356	-357	-432	-431	22	0.00	0.00
6	2	-438	-439	-492	-491	22	0.00	0.00
6	2	-310	-311	-359	-358	22	0.00	0.00
6	2	-262	-263	-303	-302	22	0.00	0.00
6	2	-354	-355	-430	-429	22	0.00	0.00
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6	2	-45	-46	-232	-231	22	0.00	0.00
6	2	-42	-43	-229	-228	22	0.00	0.00
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5	2	-474	-475	-619	-618	22	0.00	0.00
5	2	-340	-641	-640	-412	22	0.00	0.00
5	2	-292	-291	-331	-332	22	0.00	0.00
5	2	-406	-405	-466	-467	22	0.00	0.00
5	2	-296	-295	-335	-336	22	0.00	0.00
5	2	-301	-300	-340	-341	22	0.00	0.00
5	2	-252	-251	-291	-292	22	0.00	0.00
5	2	-294	-293	-333	-334	22	0.00	0.00
5	2	-405	-404	-465	-466	22	0.00	0.00
5	2	-173	-172	-249	-250	22	0.00	0.00
5	2	-299	-298	-338	-339	22	0.00	0.00
5	2	-641	-339	-411	-640	22	0.00	0.00
5	2	-180	-179	-256	-257	22	0.00	0.00
5	2	-255	-254	-294	-295	22	0.00	0.00
5	2	-253	-252	-292	-293	22	0.00	0.00
5	2	-300	-642	-641	-340	22	0.00	0.00
5	2	-471	-470	-614	-615	22	0.00	0.00
5	2	-465	-464	-608	-609	22	0.00	0.00
5	2	-250	-249	-289	-290	22	0.00	0.00
5	2	-403	-402	-463	-464	22	0.00	0.00
5	2	-335	-334	-406	-407	22	0.00	0.00
5	2	-293	-292	-332	-333	22	0.00	0.00
5	2	-330	-329	-401	-402	22	0.00	0.00
5	2	-174	-173	-250	-251	22	0.00	0.00
5	2	-407	-406	-467	-468	22	0.00	0.00
5	2	-298	-297	-337	-338	22	0.00	0.00
5	2	-182	-181	-258	-259	22	0.00	0.00
5	2	-476	-477	-621	-620	22	0.00	0.00
5	2	-414	-415	-476	-475	22	0.00	0.00
5	2	-412	-640	-639	-473	22	0.00	0.00
5	2	-413	-412	-473	-474	22	0.00	0.00
5	2	-642	-299	-339	-641	22	0.00	0.00
5	2	-261	-260	-300	-301	22	0.00	0.00
5	2	-332	-331	-403	-404	22	0.00	0.00
5	2	-341	-340	-412	-413	22	0.00	0.00
5	2	-643	-259	-299	-642	22	0.00	0.00
5	2	-469	-468	-612	-613	22	0.00	0.00
5	2	-256	-255	-295	-296	22	0.00	0.00
5	2	-336	-335	-407	-408	22	0.00	0.00
5	2	-259	-258	-298	-299	22	0.00	0.00
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5	2	-473	-639	-630	-617	22	0.00	0.00
6	2	-266	-267	-307	-306	22	0.00	0.00
6	2	-432	-433	-486	-485	22	0.00	0.00
6	2	-227	-228	-268	-267	22	0.00	0.00
6	2	-230	-231	-271	-270	22	0.00	0.00
6	2	-636	-47	-233	-635	22	0.00	0.00
6	2	-436	-437	-490	-489	22	0.00	0.00
6	2	-43	-44	-230	-229	22	0.00	0.00
6	2	-44	-45	-231	-230	22	0.00	0.00
6	2	-232	-635	-634	-272	22	0.00	0.00
6	2	-313	-314	-362	-361	22	0.00	0.00
6	2	-306	-307	-355	-354	22	0.00	0.00
6	2	-304	-305	-353	-352	22	0.00	0.00
6	2	-273	-274	-314	-313	22	0.00	0.00
6	2	-635	-233	-273	-634	22	0.00	0.00
6	2	-305	-306	-354	-353	22	0.00	0.00
6	2	-40	-41	-227	-226	22	0.00	0.00
6	2	-268	-269	-309	-308	22	0.00	0.00
6	2	-433	-434	-487	-486	22	0.00	0.00
6	2	-265	-266	-306	-305	22	0.00	0.00
6	2	-36	-37	-223	-222	22	0.00	0.00
6	2	-430	-431	-484	-483	22	0.00	0.00
6	2	-229	-230	-270	-269	22	0.00	0.00
6	2	-233	-234	-274	-273	22	0.00	0.00
6	2	-46	-636	-635	-232	22	0.00	0.00
6	2	-357	-358	-433	-432	22	0.00	0.00
6	2	-37	-38	-224	-223	22	0.00	0.00
6	2	-427	-428	-481	-480	22	0.00	0.00
6	2	-426	-427	-480	-479	22	0.00	0.00
6	2	-632	-361	-436	-631	22	0.00	0.00
6	2	-359	-360	-435	-434	22	0.00	0.00
6	2	-425	-426	-479	-478	22	0.00	0.00
6	2	-223	-224	-264	-263	22	0.00	0.00
6	2	-39	-40	-226	-225	22	0.00	0.00
6	2	-429	-430	-483	-482	22	0.00	0.00
6	2	-431	-432	-485	-484	22	0.00	0.00
6	2	-352	-353	-428	-427	22	0.00	0.00
6	2	-41	-42	-228	-227	22	0.00	0.00
6	2	-434	-435	-488	-487	22	0.00	0.00
6	2	-263	-264	-304	-303	22	0.00	0.00

6	2	-631	-436	-489	-622	22	0.00	0.00	6	2	-267	-268	-308	-307	22	0.00	0.00
6	2	-270	-271	-311	-310	22	0.00	0.00	6	2	-224	-225	-265	-264	22	0.00	0.00
6	2	-633	-313	-361	-632	22	0.00	0.00	6	2	-355	-356	-431	-430	22	0.00	0.00
7	2	-437	-442	-506	-490	22	0.00	0.00	7	2	-387	-397	-460	-454	22	0.00	0.00
7	2	-454	-460	-602	-570	22	0.00	0.00	7	2	-314	-316	-367	-362	22	0.00	0.00
7	2	-367	-377	-448	-442	22	0.00	0.00	7	2	-236	-240	-280	-276	22	0.00	0.00
7	2	-692	-382	-451	-750	22	0.00	0.00	7	2	-274	-276	-316	-314	22	0.00	0.00
7	2	-282	-284	-324	-322	22	0.00	0.00	7	2	-397	-723	-752	-460	22	0.00	0.00
7	2	-724	-341	-413	-723	22	0.00	0.00	7	2	-324	-328	-397	-387	22	0.00	0.00
7	2	-690	-282	-322	-691	22	0.00	0.00	7	2	-234	-236	-276	-274	22	0.00	0.00
7	2	-244	-248	-288	-284	22	0.00	0.00	7	2	-723	-413	-474	-752	22	0.00	0.00
7	2	-725	-301	-341	-724	22	0.00	0.00	7	2	-750	-451	-554	-751	22	0.00	0.00
7	2	-451	-454	-570	-554	22	0.00	0.00	7	2	-328	-724	-723	-397	22	0.00	0.00
7	2	-48	-65	-236	-234	22	0.00	0.00	7	2	-685	-116	-242	-689	22	0.00	0.00
7	2	-99	-685	-689	-240	22	0.00	0.00	7	2	-240	-689	-690	-280	22	0.00	0.00
7	2	-133	-167	-248	-244	22	0.00	0.00	7	2	-116	-133	-244	-242	22	0.00	0.00
7	2	-727	-184	-261	-726	22	0.00	0.00	7	2	-442	-448	-538	-506	22	0.00	0.00
7	2	-382	-387	-454	-451	22	0.00	0.00	7	2	-284	-288	-328	-324	22	0.00	0.00
7	2	-460	-752	-712	-602	22	0.00	0.00	7	2	-322	-324	-387	-382	22	0.00	0.00
7	2	-726	-261	-301	-725	22	0.00	0.00	7	2	-242	-244	-284	-282	22	0.00	0.00
7	2	-689	-242	-282	-690	22	0.00	0.00	7	2	-752	-474	-618	-712	22	0.00	0.00
7	2	-320	-691	-692	-377	22	0.00	0.00	7	2	-276	-280	-320	-316	22	0.00	0.00
7	2	-167	-727	-726	-248	22	0.00	0.00	7	2	-377	-692	-750	-448	22	0.00	0.00
7	2	-288	-725	-724	-328	22	0.00	0.00	7	2	-691	-322	-382	-692	22	0.00	0.00
7	2	-248	-726	-725	-288	22	0.00	0.00	7	2	-65	-99	-240	-236	22	0.00	0.00
7	2	-362	-367	-442	-437	22	0.00	0.00	7	2	-316	-320	-377	-367	22	0.00	0.00
7	2	-280	-690	-691	-320	22	0.00	0.00	7	2	-448	-750	-751	-538	22	0.00	0.00
8	2	-243	-241	-281	-283	22	0.00	0.00	8	2	-396	-386	-453	-459	22	0.00	0.00
8	2	-670	-239	-279	-669	22	0.00	0.00	8	2	-87	-53	-235	-239	22	0.00	0.00
8	2	-289	-746	-747	-329	22	0.00	0.00	8	2	-281	-669	-668	-321	22	0.00	0.00
8	2	-453	-450	-542	-558	22	0.00	0.00	8	2	-287	-283	-323	-327	22	0.00	0.00
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8	2	-249	-745	-746	-289	22	0.00	0.00	8	2	-239	-235	-275	-279	22	0.00	0.00
8	2	-667	-376	-447	-666	22	0.00	0.00	8	2	-462	-749	-703	-606	22	0.00	0.00
8	2	-450	-666	-658	-542	22	0.00	0.00	8	2	-327	-323	-386	-396	22	0.00	0.00
8	2	-247	-243	-283	-287	22	0.00	0.00	8	2	-321	-668	-667	-381	22	0.00	0.00
8	2	-104	-671	-670	-241	22	0.00	0.00	8	2	-381	-667	-666	-450	22	0.00	0.00
8	2	-671	-87	-239	-670	22	0.00	0.00	8	2	-366	-350	-425	-441	22	0.00	0.00
8	2	-315	-302	-350	-366	22	0.00	0.00	8	2	-376	-366	-441	-447	22	0.00	0.00
8	2	-235	-222	-262	-275	22	0.00	0.00	8	2	-155	-121	-243	-247	22	0.00	0.00
8	2	-401	-748	-749	-462	22	0.00	0.00	8	2	-323	-321	-381	-386	22	0.00	0.00
8	2	-447	-441	-494	-526	22	0.00	0.00	8	2	-669	-279	-319	-668	22	0.00	0.00
8	2	-121	-104	-241	-243	22	0.00	0.00	8	2	-241	-670	-669	-281	22	0.00	0.00
8	2	-275	-262	-302	-315	22	0.00	0.00	8	2	-666	-447	-526	-658	22	0.00	0.00
8	2	-53	-36	-222	-235	22	0.00	0.00	8	2	-386	-381	-450	-453	22	0.00	0.00
8	2	-668	-319	-376	-667	22	0.00	0.00	8	2	-459	-453	-558	-590	22	0.00	0.00
8	2	-172	-743	-745	-249	22	0.00	0.00	8	2	-441	-425	-478	-494	22	0.00	0.00
8	2	-743	-155	-247	-745	22	0.00	0.00	8	2	-745	-247	-287	-746	22	0.00	0.00
8	2	-746	-287	-327	-747	22	0.00	0.00	8	2	-747	-327	-396	-748	22	0.00	0.00
8	2	-748	-396	-459	-749	22	0.00	0.00	8	2	-749	-459	-590	-703	22	0.00	0.00

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
Sicurezza = Contributo alla sicurezza
F = a favore
S = a sfavore
A = ambigua
Variabilità = Tipo di variabilità
B = di base
I = indipendente
A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	PESO PROPRIO	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
2	Spinta terreno	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
3	traffico distrib.	1.00	1.00	0.00	0.00	0.00	1.00	2 Traffico (cap.5 NTC 2008)	S	B
4	traffico_conc	1.00	1.00	0.00	0.00	0.00	1.00	2 Traffico (cap.5 NTC 2008)	S	B

5	traff_distrib_soletta	1.00	1.00	0.00	0.00	0.00	1.00	2	Traffico (cap.5 NTC 2008)	S	B
6	traff_conc_soletta	1.00	1.00	0.00	0.00	0.00	1.00	2	Traffico (cap.5 NTC 2008)	S	B
7	acqua_interna	1.00	1.00	0.00	0.00	0.00	1.00	3	D.M. 08 Permanenti non strutturali	S	--
8	Traffico_conc_metà	1.00	1.00	0.00	0.00	0.00	1.00	2	Traffico (cap.5 NTC 2008)	S	B
9	Traffico_distrib_metà	1.00	1.00	0.00	0.00	0.00	1.00	2	Traffico (cap.5 NTC 2008)	S	B
10	Conc_sbalzo	1.00	1.00	0.00	0.00	0.00	1.00	2	Traffico (cap.5 NTC 2008)	S	B
11	sisma_terreno	1.00	1.00	0.00	0.00	0.00	1.00	4	sovrapp_sismica	S	--
12	Peso terreno	1.00	1.00	0.00	0.00	0.00	1.00	1	D.M. 08 Permanenti strutturali	F	--
13	Binder+tappeto	1.00	1.00	0.00	0.00	0.00	1.00	3	D.M. 08 Permanenti non strutturali	S	--

Elenco carichi nodi
Condizione di carico n. 10: Conc_sbalzo
Carichi concentrati

Simbologia

Nodo = Numero del nodo
Px = Componente X della forza applicata
Py = Componente Y della forza applicata
Pz = Componente Z della forza applicata
Mx = Momento intorno all'asse X
My = Momento intorno all'asse Y
Mz = Momento intorno all'asse Z

Nodo	Px <kg>	Py <kg>	Pz <kg>	Mx <kgm>	My <kgm>	Mz <kgm>	Nodo	Px <kg>	Py <kg>	Pz <kg>	Mx <kgm>	My <kgm>	Mz <kgm>
-573	0.00	0.00	12000.00	0.00	0.00	0.00	-509	0.00	0.00	12000.00	0.00	0.00	0.00

Elenco carichi aste
Condizione di carico n. 5: traff_distrib_soletta
Carichi distribuiti

Simbologia

Asta = Numero dell'asta
N1 = Nodo iniziale
N2 = Nodo finale
S = Numero del solaio di provenienza
T = Tipo di carico
QA = Carico accidentale da solaio
QPS = Carico permanente strutturale da solaio
QPN = Carico permanente non strutturale da solaio
PP = Peso proprio
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	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kg/m>	Xf <m>	Qf <kg/m>
0	-479	-478	--	M	ZG	0.00	126.00	0.40	126.00	0	-478	-494	--	M	ZG	0.00	126.00	0.40	126.00
0	-480	-479	--	M	ZG	0.00	126.00	0.30	126.00	0	-494	-526	--	M	ZG	0.00	126.00	0.30	126.00
0	-526	-527	--	M	ZG	0.00	126.00	0.40	126.00	0	-496	-480	--	M	ZG	0.00	126.00	0.40	126.00
0	-527	-528	--	M	ZG	0.00	126.00	0.30	126.00	0	-528	-496	--	M	ZG	0.00	126.00	0.30	126.00
0	-623	-625	--	M	ZG	0.00	180.00	0.30	180.00	0	-505	-623	--	M	ZG	0.00	180.00	0.35	180.00
0	-625	-665	--	M	ZG	0.00	180.00	0.10	180.00	0	-506	-505	--	M	ZG	0.00	180.00	0.40	180.00
0	-665	-626	--	M	ZG	0.00	180.00	0.35	180.00	0	-538	-506	--	M	ZG	0.00	180.00	0.30	180.00
0	-506	-507	--	M	ZG	0.00	180.00	0.38	180.00	0	-626	-627	--	M	ZG	0.00	180.00	0.45	180.00
0	-751	-538	--	M	ZG	0.00	180.00	0.10	180.00	0	-507	-508	--	M	ZG	0.00	180.00	0.37	180.00
0	-554	-751	--	M	ZG	0.00	180.00	0.35	180.00	0	-627	-629	--	M	ZG	0.00	180.00	0.30	180.00
0	-508	-540	--	M	ZG	0.00	180.00	0.30	180.00	0	-629	-601	--	M	ZG	0.00	180.00	0.35	180.00
0	-570	-554	--	M	ZG	0.00	180.00	0.45	180.00	0	-540	-698	--	M	ZG	0.00	180.00	0.10	180.00
0	-601	-602	--	M	ZG	0.00	180.00	0.40	180.00	0	-698	-556	--	M	ZG	0.00	180.00	0.35	180.00
0	-602	-570	--	M	ZG	0.00	180.00	0.30	180.00	0	-603	-602	--	M	ZG	0.00	180.00	0.38	180.00
0	-556	-572	--	M	ZG	0.00	180.00	0.45	180.00	0	-604	-603	--	M	ZG	0.00	180.00	0.37	180.00
0	-572	-604	--	M	ZG	0.00	180.00	0.30	180.00										

Elenco carichi elementi bidimensionali
Condizione di carico n. 1: PESO PROPRIO
Carichi uniformi

Simbologia

Bid. = Numero del muro/elemento bidimensionale
N1 = Nodo1
N2 = Nodo2
N3 = Nodo3

N4 = Nodo4
T = Tipo di carico
PP = Peso proprio
M = Manuale
DC = Direzione del carico
G = secondo gli assi Globali
L = secondo gli assi Locali
Qx = Carico in dir. X
Qy = Carico in dir. Y
Qz = Carico in dir. Z

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>
1	-364	-369	-368	-363	PP	G	0.00	0.00	750.00	1	-365	-370	-369	-364	PP	G	0.00	0.00	750.00
1	-720	-416	-415	-721	PP	G	0.00	0.00	750.00	1	-380	-695	-694	-379	PP	G	0.00	0.00	750.00
1	-388	-398	-397	-387	PP	G	0.00	0.00	750.00	1	-398	-722	-723	-397	PP	G	0.00	0.00	750.00
1	-694	-384	-383	-693	PP	G	0.00	0.00	750.00	1	-369	-379	-378	-368	PP	G	0.00	0.00	750.00
1	-385	-390	-389	-384	PP	G	0.00	0.00	750.00	1	-722	-414	-413	-723	PP	G	0.00	0.00	750.00
1	-721	-415	-414	-722	PP	G	0.00	0.00	750.00	1	-399	-721	-722	-398	PP	G	0.00	0.00	750.00
1	-400	-720	-721	-399	PP	G	0.00	0.00	750.00	1	-379	-694	-693	-378	PP	G	0.00	0.00	750.00
1	-378	-693	-692	-377	PP	G	0.00	0.00	750.00	1	-389	-399	-398	-388	PP	G	0.00	0.00	750.00
1	-384	-389	-388	-383	PP	G	0.00	0.00	750.00	1	-370	-380	-379	-369	PP	G	0.00	0.00	750.00
1	-695	-385	-384	-694	PP	G	0.00	0.00	750.00	1	-383	-388	-387	-382	PP	G	0.00	0.00	750.00
1	-368	-378	-377	-367	PP	G	0.00	0.00	750.00	1	-693	-383	-382	-692	PP	G	0.00	0.00	750.00
1	-390	-400	-399	-389	PP	G	0.00	0.00	750.00	1	-363	-368	-367	-362	PP	G	0.00	0.00	750.00
2	-440	-443	-509	-493	PP	G	0.00	0.00	750.00	2	-385	-390	-455	-452	PP	G	0.00	0.00	750.00
2	-449	-696	-697	-541	PP	G	0.00	0.00	750.00	2	-719	-477	-621	-718	PP	G	0.00	0.00	750.00
2	-400	-720	-719	-461	PP	G	0.00	0.00	750.00	2	-452	-455	-573	-557	PP	G	0.00	0.00	750.00
2	-696	-452	-557	-697	PP	G	0.00	0.00	750.00	2	-365	-370	-443	-440	PP	G	0.00	0.00	750.00
2	-380	-695	-696	-449	PP	G	0.00	0.00	750.00	2	-390	-400	-461	-455	PP	G	0.00	0.00	750.00
2	-695	-385	-452	-696	PP	G	0.00	0.00	750.00	2	-370	-380	-449	-443	PP	G	0.00	0.00	750.00
2	-443	-449	-541	-509	PP	G	0.00	0.00	750.00	2	-720	-416	-477	-719	PP	G	0.00	0.00	750.00
2	-455	-461	-605	-573	PP	G	0.00	0.00	750.00	2	-461	-719	-718	-605	PP	G	0.00	0.00	750.00
3	-650	-115	-132	-649	PP	G	0.00	0.00	750.00	3	-165	-647	-732	-733	PP	G	0.00	0.00	750.00
3	-36	-37	-54	-53	PP	G	0.00	0.00	750.00	3	-117	-118	-135	-134	PP	G	0.00	0.00	750.00
3	-173	-174	-191	-190	PP	G	0.00	0.00	750.00	3	-154	-155	-743	-744	PP	G	0.00	0.00	750.00
3	-171	-172	-189	-188	PP	G	0.00	0.00	750.00	3	-14	-15	-32	-31	PP	G	0.00	0.00	750.00
3	-133	-134	-168	-167	PP	G	0.00	0.00	750.00	3	-89	-90	-675	-674	PP	G	0.00	0.00	750.00
3	-30	-31	-48	-47	PP	G	0.00	0.00	750.00	3	-159	-160	-738	-739	PP	G	0.00	0.00	750.00
3	-26	-27	-44	-43	PP	G	0.00	0.00	750.00	3	-636	-47	-64	-653	PP	G	0.00	0.00	750.00
3	-174	-175	-192	-191	PP	G	0.00	0.00	750.00	3	-686	-687	-118	-117	PP	G	0.00	0.00	750.00
3	-190	-191	-208	-207	PP	G	0.00	0.00	750.00	3	-156	-157	-741	-742	PP	G	0.00	0.00	750.00
3	-28	-29	-46	-45	PP	G	0.00	0.00	750.00	3	-674	-675	-107	-106	PP	G	0.00	0.00	750.00
3	-179	-180	-197	-196	PP	G	0.00	0.00	750.00	3	-202	-203	-220	-219	PP	G	0.00	0.00	750.00
3	-186	-187	-204	-203	PP	G	0.00	0.00	750.00	3	-40	-41	-58	-57	PP	G	0.00	0.00	750.00
3	-118	-119	-136	-135	PP	G	0.00	0.00	750.00	3	-684	-685	-116	-115	PP	G	0.00	0.00	750.00
3	-185	-186	-203	-202	PP	G	0.00	0.00	750.00	3	-39	-40	-57	-56	PP	G	0.00	0.00	750.00
3	-201	-202	-219	-218	PP	G	0.00	0.00	750.00	3	-33	-34	-51	-50	PP	G	0.00	0.00	750.00
3	-32	-33	-50	-49	PP	G	0.00	0.00	750.00	3	-129	-130	-164	-163	PP	G	0.00	0.00	750.00
3	-195	-196	-213	-212	PP	G	0.00	0.00	750.00	3	-125	-126	-160	-159	PP	G	0.00	0.00	750.00
3	-644	-183	-200	-645	PP	G	0.00	0.00	750.00	3	-110	-111	-128	-127	PP	G	0.00	0.00	750.00
3	-653	-64	-98	-651	PP	G	0.00	0.00	750.00	3	-193	-194	-211	-210	PP	G	0.00	0.00	750.00
3	-167	-168	-728	-727	PP	G	0.00	0.00	750.00	3	-135	-136	-170	-169	PP	G	0.00	0.00	750.00
3	-109	-110	-127	-126	PP	G	0.00	0.00	750.00	3	-192	-193	-210	-209	PP	G	0.00	0.00	750.00
3	-86	-87	-671	-672	PP	G	0.00	0.00	750.00	3	-41	-42	-59	-58	PP	G	0.00	0.00	750.00
3	-182	-644	-645	-199	PP	G	0.00	0.00	750.00	3	-681	-682	-114	-113	PP	G	0.00	0.00	750.00
3	-175	-176	-193	-192	PP	G	0.00	0.00	750.00	3	-87	-88	-673	-671	PP	G	0.00	0.00	750.00
3	-91	-92	-677	-676	PP	G	0.00	0.00	750.00	3	-645	-200	-217	-646	PP	G	0.00	0.00	750.00
3	-94	-95	-680	-679	PP	G	0.00	0.00	750.00	3	-649	-132	-166	-647	PP	G	0.00	0.00	750.00
3	-95	-96	-681	-680	PP	G	0.00	0.00	750.00	3	-29	-637	-636	-46	PP	G	0.00	0.00	750.00
3	-651	-98	-684	-683	PP	G	0.00	0.00	750.00	3	-45	-46	-63	-62	PP	G	0.00	0.00	750.00
3	-47	-48	-65	-64	PP	G	0.00	0.00	750.00	3	-638	-13	-30	-637	PP	G	0.00	0.00	750.00
3	-115	-116	-133	-132	PP	G	0.00	0.00	750.00	3	-164	-165	-733	-734	PP	G	0.00	0.00	750.00
3	-676	-677	-109	-108	PP	G	0.00	0.00	750.00	3	-49	-50	-67	-66	PP	G	0.00	0.00	750.00
3	-60	-61	-95	-94	PP	G	0.00	0.00	750.00	3	-734	-733	-182	-181	PP	G	0.00	0.00	750.00
3	-25	-26	-43	-42	PP	G	0.00	0.00	750.00	3	-101	-102	-688	-687	PP	G	0.00	0.00	750.00
3	-106	-107	-124	-123	PP	G	0.00	0.00	750.00	3	-177	-178	-195	-194	PP	G	0.00	0.00	750.00
3	-194	-195	-212	-211	PP	G	0.00	0.00	750.00	3	-90	-91	-676	-675	PP	G	0.00	0.00	750.00
3	-58	-59	-93	-92	PP	G	0.00	0.00	750.00	3	-105	-106	-123	-122	PP	G	0.00	0.00	750.00
3	-176	-177	-194	-193	PP	G	0.00	0.00	750.00	3	-1	-2	-19	-18	PP	G	0.00	0.00	750.00
3	-18	-19	-36	-35	PP	G	0.00	0.00	750.00	3	-168	-169	-729	-728	PP	G	0.00	0.00	750.00
3	-44	-45	-62	-61	PP	G	0.00	0.00	750.00	3	-178	-179	-196	-195	PP	G	0.00	0.00	750.00
3	-738	-737	-178	-177	PP	G	0.00	0.00	750.00	3	-112	-113	-130	-129	PP	G	0.00	0.00	750.00
3	-637	-30	-47	-636	PP	G	0.00	0.00	750.00	3	-180	-181	-198	-197	PP	G	0.00	0.00	750.00
3	-197	-198	-215	-214	PP	G	0.00	0.00	750.00	3	-64	-65	-99	-98	PP	G	0.00	0.00	750.00
3	-675	-676	-108	-107	PP	G	0.00	0.00	750.00	3	-671	-673	-105	-104	PP	G	0.00	0.00	750.00
3	-100	-101	-687	-686	PP	G	0.00	0.00	750.00	3	-15	-16	-33	-32	PP	G	0.00	0.00	750.00
3	-92	-93	-678	-677	PP	G	0.00	0.00	750.00	3	-9	-10	-27	-26	PP	G	0.00	0.00	750.00
3	-729	-730	-187	-186	PP	G	0.00	0.00	750.00	3	-680	-681	-113	-112	PP	G	0.00	0.00	750.00
3	-5	-6	-23	-22	PP	G	0.00	0.00	750.00	3	-20	-21	-38	-37	PP	G	0.00	0.00	750.00
3	-35	-36	-53	-52	PP	G	0.00	0.00	750.00	3	-11	-12	-29	-28	PP	G	0.00	0.00	750.00
3	-727	-728	-185	-184	PP	G	0.00	0.00	750.00	3	-196	-197	-214	-213	PP	G	0.00	0.00	750.00

3	-162	-163	-735	-736	PP	G	0.00	0.00	750.00	3	-111	-112	-129	-128	PP	G	0.00	0.00	750.00
3	-199	-645	-646	-216	PP	G	0.00	0.00	750.00	3	-43	-44	-61	-60	PP	G	0.00	0.00	750.00
3	-740	-739	-176	-175	PP	G	0.00	0.00	750.00	3	-169	-170	-730	-729	PP	G	0.00	0.00	750.00
3	-65	-66	-100	-99	PP	G	0.00	0.00	750.00	3	-183	-184	-201	-200	PP	G	0.00	0.00	750.00
3	-66	-67	-101	-100	PP	G	0.00	0.00	750.00	3	-678	-679	-111	-110	PP	G	0.00	0.00	750.00
3	-22	-23	-40	-39	PP	G	0.00	0.00	750.00	3	-127	-128	-162	-161	PP	G	0.00	0.00	750.00
3	-13	-14	-31	-30	PP	G	0.00	0.00	750.00	3	-42	-43	-60	-59	PP	G	0.00	0.00	750.00
3	-57	-58	-92	-91	PP	G	0.00	0.00	750.00	3	-123	-124	-158	-157	PP	G	0.00	0.00	750.00
3	-737	-736	-179	-178	PP	G	0.00	0.00	750.00	3	-31	-32	-49	-48	PP	G	0.00	0.00	750.00
3	-685	-686	-117	-116	PP	G	0.00	0.00	750.00	3	-161	-162	-736	-737	PP	G	0.00	0.00	750.00
3	-160	-161	-737	-738	PP	G	0.00	0.00	750.00	3	-163	-164	-734	-735	PP	G	0.00	0.00	750.00
3	-19	-20	-37	-36	PP	G	0.00	0.00	750.00	3	-4	-5	-22	-21	PP	G	0.00	0.00	750.00
3	-2	-3	-20	-19	PP	G	0.00	0.00	750.00	3	-122	-123	-157	-156	PP	G	0.00	0.00	750.00
3	-63	-653	-651	-97	PP	G	0.00	0.00	750.00	3	-158	-159	-739	-740	PP	G	0.00	0.00	750.00
3	-107	-108	-125	-124	PP	G	0.00	0.00	750.00	3	-672	-671	-104	-103	PP	G	0.00	0.00	750.00
3	-677	-678	-110	-109	PP	G	0.00	0.00	750.00	3	-88	-89	-674	-673	PP	G	0.00	0.00	750.00
3	-134	-135	-169	-168	PP	G	0.00	0.00	750.00	3	-67	-68	-102	-101	PP	G	0.00	0.00	750.00
3	-121	-122	-156	-155	PP	G	0.00	0.00	750.00	3	-673	-674	-106	-105	PP	G	0.00	0.00	750.00
3	-48	-49	-66	-65	PP	G	0.00	0.00	750.00	3	-46	-636	-653	-63	PP	G	0.00	0.00	750.00
3	-37	-38	-55	-54	PP	G	0.00	0.00	750.00	3	-38	-39	-56	-55	PP	G	0.00	0.00	750.00
3	-23	-24	-41	-40	PP	G	0.00	0.00	750.00	3	-12	-638	-637	-29	PP	G	0.00	0.00	750.00
3	-739	-738	-177	-176	PP	G	0.00	0.00	750.00	3	-62	-63	-97	-96	PP	G	0.00	0.00	750.00
3	-683	-684	-115	-650	PP	G	0.00	0.00	750.00	3	-10	-11	-28	-27	PP	G	0.00	0.00	750.00
3	-61	-62	-96	-95	PP	G	0.00	0.00	750.00	3	-56	-57	-91	-90	PP	G	0.00	0.00	750.00
3	-157	-158	-740	-741	PP	G	0.00	0.00	750.00	3	-172	-173	-190	-189	PP	G	0.00	0.00	750.00
3	-733	-732	-644	-182	PP	G	0.00	0.00	750.00	3	-735	-734	-181	-180	PP	G	0.00	0.00	750.00
3	-731	-727	-184	-183	PP	G	0.00	0.00	750.00	3	-728	-729	-186	-185	PP	G	0.00	0.00	750.00
3	-181	-182	-199	-198	PP	G	0.00	0.00	750.00	3	-7	-8	-25	-24	PP	G	0.00	0.00	750.00
3	-116	-117	-134	-133	PP	G	0.00	0.00	750.00	3	-99	-100	-686	-685	PP	G	0.00	0.00	750.00
3	-59	-60	-94	-93	PP	G	0.00	0.00	750.00	3	-93	-94	-679	-678	PP	G	0.00	0.00	750.00
3	-131	-649	-647	-165	PP	G	0.00	0.00	750.00	3	-687	-688	-119	-118	PP	G	0.00	0.00	750.00
3	-6	-7	-24	-23	PP	G	0.00	0.00	750.00	3	-128	-129	-163	-162	PP	G	0.00	0.00	750.00
3	-191	-192	-209	-208	PP	G	0.00	0.00	750.00	3	-743	-742	-173	-172	PP	G	0.00	0.00	750.00
3	-52	-53	-87	-86	PP	G	0.00	0.00	750.00	3	-198	-199	-216	-215	PP	G	0.00	0.00	750.00
3	-21	-22	-39	-38	PP	G	0.00	0.00	750.00	3	-126	-127	-161	-160	PP	G	0.00	0.00	750.00
3	-166	-167	-727	-731	PP	G	0.00	0.00	750.00	3	-203	-204	-221	-220	PP	G	0.00	0.00	750.00
3	-55	-56	-90	-89	PP	G	0.00	0.00	750.00	3	-27	-28	-45	-44	PP	G	0.00	0.00	750.00
3	-742	-741	-174	-173	PP	G	0.00	0.00	750.00	3	-98	-99	-685	-684	PP	G	0.00	0.00	750.00
3	-3	-4	-21	-20	PP	G	0.00	0.00	750.00	3	-8	-9	-26	-25	PP	G	0.00	0.00	750.00
3	-132	-133	-167	-166	PP	G	0.00	0.00	750.00	3	-679	-680	-112	-111	PP	G	0.00	0.00	750.00
3	-103	-104	-121	-120	PP	G	0.00	0.00	750.00	3	-120	-121	-155	-154	PP	G	0.00	0.00	750.00
3	-736	-735	-180	-179	PP	G	0.00	0.00	750.00	3	-50	-51	-68	-67	PP	G	0.00	0.00	750.00
3	-16	-17	-34	-33	PP	G	0.00	0.00	750.00	3	-114	-650	-649	-131	PP	G	0.00	0.00	750.00
3	-744	-743	-172	-171	PP	G	0.00	0.00	750.00	3	-54	-55	-89	-88	PP	G	0.00	0.00	750.00
3	-188	-189	-206	-205	PP	G	0.00	0.00	750.00	3	-53	-54	-88	-87	PP	G	0.00	0.00	750.00
3	-184	-185	-202	-201	PP	G	0.00	0.00	750.00	3	-155	-156	-742	-743	PP	G	0.00	0.00	750.00
3	-24	-25	-42	-41	PP	G	0.00	0.00	750.00	3	-130	-131	-165	-164	PP	G	0.00	0.00	750.00
3	-741	-740	-175	-174	PP	G	0.00	0.00	750.00	3	-113	-114	-131	-130	PP	G	0.00	0.00	750.00
3	-96	-97	-682	-681	PP	G	0.00	0.00	750.00	3	-647	-166	-731	-732	PP	G	0.00	0.00	750.00
3	-200	-201	-218	-217	PP	G	0.00	0.00	750.00	3	-732	-731	-183	-644	PP	G	0.00	0.00	750.00
3	-124	-125	-159	-158	PP	G	0.00	0.00	750.00	3	-189	-190	-207	-206	PP	G	0.00	0.00	750.00
3	-97	-651	-683	-682	PP	G	0.00	0.00	750.00	3	-682	-683	-650	-114	PP	G	0.00	0.00	750.00
3	-104	-105	-122	-121	PP	G	0.00	0.00	750.00	3	-108	-109	-126	-125	PP	G	0.00	0.00	750.00
4	-536	-625	-665	11	PP	G	0.00	0.00	625.00	4	10	11	-552	-551	PP	G	0.00	0.00	625.00
4	-602	-603	-716	-712	PP	G	0.00	0.00	625.00	4	-543	-544	-560	-559	PP	G	0.00	0.00	625.00
4	-597	-598	-707	-706	PP	G	0.00	0.00	625.00	4	-706	-707	-614	-613	PP	G	0.00	0.00	625.00
4	-556	-557	-573	-572	PP	G	0.00	0.00	625.00	4	-546	-547	-563	8	PP	G	0.00	0.00	625.00
4	14	15	-616	-615	PP	G	0.00	0.00	625.00	4	-527	-528	-656	-657	PP	G	0.00	0.00	625.00
4	13	16	-600	-599	PP	G	0.00	0.00	625.00	4	-502	9	-535	-534	PP	G	0.00	0.00	625.00
4	-629	-601	-711	-710	PP	G	0.00	0.00	625.00	4	-487	-488	12	9	PP	G	0.00	0.00	625.00
4	2	3	-546	-545	PP	G	0.00	0.00	625.00	4	-492	-493	-509	-508	PP	G	0.00	0.00	625.00
4	15	-710	-630	-616	PP	G	0.00	0.00	625.00	4	-598	-599	14	-707	PP	G	0.00	0.00	625.00
4	-560	5	-593	-592	PP	G	0.00	0.00	625.00	4	-501	-502	-534	-533	PP	G	0.00	0.00	625.00
4	-712	-716	-619	-618	PP	G	0.00	0.00	625.00	4	-558	-559	-591	-590	PP	G	0.00	0.00	625.00
4	-508	-509	-541	-540	PP	G	0.00	0.00	625.00	4	1	4	-530	-529	PP	G	0.00	0.00	625.00
4	-603	-604	-717	-716	PP	G	0.00	0.00	625.00	4	-542	-543	-559	-558	PP	G	0.00	0.00	625.00
4	-658	-657	-543	-542	PP	G	0.00	0.00	625.00	4	-717	-718	-621	-620	PP	G	0.00	0.00	625.00
4	-559	-560	-592	-591	PP	G	0.00	0.00	625.00	4	-604	-605	-718	-717	PP	G	0.00	0.00	625.00
4	-662	10	-551	-550	PP	G	0.00	0.00	625.00	4	-707	14	-615	-614	PP	G	0.00	0.00	625.00
4	-486	-487	9	-502	PP	G	0.00	0.00	625.00	4	-563	-564	-596	-595	PP	G	0.00	0.00	625.00
4	-480	-481	1	-496	PP	G	0.00	0.00	625.00	4	-565	-566	-598	-597	PP	G	0.00	0.00	625.00
4	-698	-697	-557	-556	PP	G	0.00	0.00	625.00	4	-712	-618	-617	-711	PP	G	0.00	0.00	625.00
4	-594	-595	-704	7	PP	G	0.00	0.00	625.00	4	8	-563	-595	-594	PP	G	0.00	0.00	625.00
4	9	12	-536	-535	PP	G	0.00	0.00	625.00	4	-483	-484	-500	-499	PP	G	0.00	0.00	625.00
4	-622	-489	-505	-623	PP	G	0.00	0.00	625.00	4	-482	-483	-499	4	PP	G	0.00	0.00	625.00
4	-530	-531	-659	3	PP	G	0.00	0.00	625.00	4	-534	-535	10	-662	PP	G	0.00	0.00	625.00
4	-491	-492	-508	-507	PP	G	0.00	0.00	625.00	4	-593	-594	7	6	PP	G	0.00	0.00	625.00
4	16	-627	-629	-600	PP	G	0.00	0.00	625.00	4	-600	-629	-710	15	PP	G	0.00	0.00	625.00
4	-529	-530	3	2	PP	G	0.00	0.00	625.00	4	-591	-592	-701	-702	PP	G	0.00	0.00	625.00
4	-485	-486	-502	-501	PP	G	0.00	0.00	625.00	4	-540	-541	-697	-698	PP	G	0.00	0.00	625.00
4	-489	-490	-506	-505	PP	G	0.00	0.00	625.00	4	11	-665	-626	-552	PP	G	0.00	0.00	625.00
4	-657	-656	-544	-543	PP	G	0.00	0.00	625.00	4	-481	-482	4	1	PP	G	0.00	0.00	625.00

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Bid. = Numero del muro/elemento bidimensionale
N1 = Nodo1
N2 = Nodo2
N3 = Nodo3
N4 = Nodo4
Zi = Coordinata Z globale d'inizio carico
QYi = Componente iniziale del carico in direzione Y locale dell'elemento bidimensionale
MY = Coordinata Z globale di fine carico
QYf = Componente finale del carico in direzione Y locale dell'elemento bidimensionale

Bid.	N1	N2	N3	N4	Zi <m>	QYi <kg/m>	MY <m>	QYf <kg/m>	Bid.	N1	N2	N3	N4	Zi <m>	QYi <kg/m>	MY <m>	QYf <kg/m>
2	-440	-443	-509	-493	0.00	-2950.00	2.37	0.00	2	-385	-390	-455	-452	0.00	-2950.00	2.37	0.00
2	-449	-696	-697	-541	0.00	-2950.00	2.37	0.00	2	-719	-477	-621	-718	0.00	-2950.00	2.37	0.00
2	-400	-720	-719	-461	0.00	-2950.00	2.37	0.00	2	-452	-455	-573	-557	0.00	-2950.00	2.37	0.00
2	-696	-452	-557	-697	0.00	-2950.00	2.37	0.00	2	-365	-370	-443	-440	0.00	-2950.00	2.37	0.00
2	-380	-695	-696	-449	0.00	-2950.00	2.37	0.00	2	-390	-400	-461	-455	0.00	-2950.00	2.37	0.00
2	-695	-385	-452	-696	0.00	-2950.00	2.37	0.00	2	-370	-380	-449	-443	0.00	-2950.00	2.37	0.00
2	-443	-449	-541	-509	0.00	-2950.00	2.37	0.00	2	-720	-416	-477	-719	0.00	-2950.00	2.37	0.00
2	-455	-461	-605	-573	0.00	-2950.00	2.37	0.00	2	-461	-719	-718	-605	0.00	-2950.00	2.37	0.00
5	-290	-289	-329	-330	0.00	-2950.00	2.37	0.00	5	-474	-475	-619	-618	2.37	0.00	0.00	2950.00
5	-179	-178	-255	-256	0.00	-2950.00	2.37	0.00	5	-340	-641	-640	-412	0.00	-2950.00	2.37	0.00
5	-408	-407	-468	-469	0.00	-2950.00	2.37	0.00	5	-292	-291	-331	-332	0.00	-2950.00	2.37	0.00
5	-463	-462	-606	-607	0.00	-2950.00	2.37	0.00	5	-406	-405	-466	-467	0.00	-2950.00	2.37	0.00
5	-464	-463	-607	-608	0.00	-2950.00	2.37	0.00	5	-296	-295	-335	-336	0.00	-2950.00	2.37	0.00
5	-175	-174	-251	-252	0.00	-2950.00	2.37	0.00	5	-301	-300	-340	-341	0.00	-2950.00	2.37	0.00
5	-334	-333	-405	-406	0.00	-2950.00	2.37	0.00	5	-252	-251	-291	-292	0.00	-2950.00	2.37	0.00
5	-254	-253	-293	-294	0.00	-2950.00	2.37	0.00	5	-294	-293	-333	-334	0.00	-2950.00	2.37	0.00
5	-475	-476	-620	-619	2.37	0.00	0.00	2950.00	5	-405	-404	-465	-466	0.00	-2950.00	2.37	0.00
5	-466	-465	-609	-610	0.00	-2950.00	2.37	0.00	5	-173	-172	-249	-250	0.00	-2950.00	2.37	0.00
5	-411	-410	-471	-472	0.00	-2950.00	2.37	0.00	5	-299	-298	-338	-339	0.00	-2950.00	2.37	0.00
5	-291	-290	-330	-331	0.00	-2950.00	2.37	0.00	5	-641	-339	-411	-640	0.00	-2950.00	2.37	0.00
5	-333	-332	-404	-405	0.00	-2950.00	2.37	0.00	5	-180	-179	-256	-257	0.00	-2950.00	2.37	0.00
5	-176	-175	-252	-253	0.00	-2950.00	2.37	0.00	5	-255	-254	-294	-295	0.00	-2950.00	2.37	0.00
5	-339	-338	-410	-411	0.00	-2950.00	2.37	0.00	5	-253	-252	-292	-293	0.00	-2950.00	2.37	0.00
5	-181	-180	-257	-258	0.00	-2950.00	2.37	0.00	5	-300	-642	-641	-340	0.00	-2950.00	2.37	0.00
5	-337	-336	-408	-409	0.00	-2950.00	2.37	0.00	5	-471	-470	-614	-615	0.00	-2950.00	2.37	0.00
5	-257	-256	-296	-297	0.00	-2950.00	2.37	0.00	5	-465	-464	-608	-609	0.00	-2950.00	2.37	0.00
5	-295	-294	-334	-335	0.00	-2950.00	2.37	0.00	5	-250	-249	-289	-290	0.00	-2950.00	2.37	0.00
5	-404	-403	-464	-465	0.00	-2950.00	2.37	0.00	5	-403	-402	-463	-464	0.00	-2950.00	2.37	0.00
5	-644	-182	-259	-643	0.00	-2950.00	2.37	0.00	5	-335	-334	-406	-407	0.00	-2950.00	2.37	0.00
5	-472	-471	-615	-616	0.00	-2950.00	2.37	0.00	5	-293	-292	-332	-333	0.00	-2950.00	2.37	0.00
5	-410	-409	-470	-471	0.00	-2950.00	2.37	0.00	5	-330	-329	-401	-402	0.00	-2950.00	2.37	0.00
5	-402	-401	-462	-463	0.00	-2950.00	2.37	0.00	5	-174	-173	-250	-251	0.00	-2950.00	2.37	0.00
5	-639	-472	-616	-630	0.00	-2950.00	2.37	0.00	5	-407	-406	-467	-468	0.00	-2950.00	2.37	0.00
5	-467	-466	-610	-611	0.00	-2950.00	2.37	0.00	5	-298	-297	-337	-338	0.00	-2950.00	2.37	0.00
5	-177	-176	-253	-254	0.00	-2950.00	2.37	0.00	5	-182	-181	-258	-259	0.00	-2950.00	2.37	0.00
5	-413	-414	-475	-474	2.37	0.00	0.00	2950.00	5	-476	-477	-621	-620	2.37	0.00	0.00	2950.00
5	-183	-644	-643	-260	0.00	-2950.00	2.37	0.00	5	-414	-415	-476	-475	2.37	0.00	0.00	2950.00
5	-331	-330	-402	-403	0.00	-2950.00	2.37	0.00	5	-412	-640	-639	-473	0.00	-2950.00	2.37	0.00
5	-251	-250	-290	-291	0.00	-2950.00	2.37	0.00	5	-413	-412	-473	-474	0.00	-2950.00	2.37	0.00
5	-640	-411	-472	-639	0.00	-2950.00	2.37	0.00	5	-642	-299	-339	-641	0.00	-2950.00	2.37	0.00
5	-415	-416	-477	-476	2.37	0.00	0.00	2950.00	5	-261	-260	-300	-301	0.00	-2950.00	2.37	0.00
5	-260	-643	-642	-300	0.00	-2950.00	2.37	0.00	5	-332	-331	-403	-404	0.00	-2950.00	2.37	0.00
5	-470	-469	-613	-614	0.00	-2950.00	2.37	0.00	5	-341	-340	-412	-413	0.00	-2950.00	2.37	0.00
5	-297	-296	-336	-337	0.00	-2950.00	2.37	0.00	5	-643	-259	-299	-642	0.00	-2950.00	2.37	0.00
5	-338	-337	-409	-410	0.00	-2950.00	2.37	0.00	5	-469	-468	-612	-613	0.00	-2950.00	2.37	0.00
5	-474	-473	-617	-618	0.00	-2950.00	2.37	0.00	5	-256	-255	-295	-296	0.00	-2950.00	2.37	0.00
5	-184	-183	-260	-261	0.00	-2950.00	2.37	0.00	5	-336	-335	-407	-408	0.00	-2950.00	2.37	0.00
5	-409	-408	-469	-470	0.00	-2950.00	2.37	0.00	5	-259	-258	-298	-299	0.00	-2950.00	2.37	0.00
5	-468	-467	-611	-612	0.00	-2950.00	2.37	0.00	5	-258	-257	-297	-298	0.00	-2950.00	2.37	0.00
5	-178	-177	-254	-255	0.00	-2950.00	2.37	0.00	5	-473	-639	-630	-617	0.00	-2950.00	2.37	0.00
6	-428	-429	-482	-481	0.00	-2950.00	2.37	0.00	6	-266	-267	-307	-306	0.00	-2950.00	2.37	0.00
6	-351	-352	-427	-426	0.00	-2950.00	2.37	0.00	6	-432	-433	-486	-485	0.00	-2950.00	2.37	0.00
6	-302	-303	-351	-350	0.00	-2950.00	2.37	0.00	6	-227	-228	-268	-267	0.00	-2950.00	2.37	0.00
6	-439	-440	-493	-492	0.00	-2950.00	2.37	0.00	6	-230	-231	-271	-270	0.00	-2950.00	2.37	0.00
6	-307	-308	-356	-355	0.00	-2950.00	2.37	0.00	6	-636	-47	-233	-635	0.00	-2950.00	2.37	0.00
6	-264	-265	-305	-304	0.00	-2950.00	2.37	0.00	6	-436	-437	-490	-489	0.00	-2950.00	2.37	0.00
6	-47	-48	-234	-233	0.00	-2950.00	2.37	0.00	6	-43	-44	-230	-229	0.00	-2950.00	2.37	0.00
6	-228	-229	-269	-268	0.00	-2950.00	2.37	0.00	6	-44	-45	-231	-230	0.00	-2950.00	2.37	0.00
6	-312	-633	-632	-360	0.00	-2950.00	2.37	0.00	6	-232	-635	-634	-272	0.00	-2950.00	2.37	0.00
6	-361	-362	-437	-436	0.00	-2950.00	2.37	0.00	6	-313	-314	-362	-361	0.00	-2950.00	2.37	0.00
6	-353	-354	-429	-428	0.00	-2950.00	2.37	0.00	6	-306	-307	-355	-354	0.00	-2950.00	2.37	0.00
6	-350	-351	-426	-425	0.00	-2950.00	2.37	0.00	6	-304	-305	-353	-352	0.00	-2950.00	2.37	0.00
6	-363	-364	-439	-438	0.00	-2950.00	2.37	0.00	6	-273	-274	-314	-313	0.00	-2950.00	2.37	0.00
6	-272	-634	-633	-312	0.00	-2950.00	2.37	0.00	6	-635	-233	-273	-634	0.00	-2950.00	2.37	0.00
6	-38	-39	-225	-224	0.00	-2950.00	2.37	0.00	6	-305	-306	-354	-353	0.00	-2950.00	2.37	0.00
6	-364	-365	-440	-439	0.00	-2950.00	2.37	0.00	6	-40	-41	-227	-226	0.00	-2950.00	2.37	0.00
6	-231	-232	-272	-271	0.00	-2950.00	2.37	0.00	6	-268	-269	-309	-308	0.00	-2950.00	2.37	0.00
6	-358	-359	-434	-433	0.00	-2950.00	2.37	0.00	6	-433	-434	-487	-486	0.00	-2950.00	2.37	0.00
6	-437	-438	-491	-490	0.00	-2950.00	2.37	0.00	6	-265	-266	-306	-305	0.00	-2950.00	2.37	0.00

6	-269	-270	-310	-309	0.00	-2950.00	2.37	0.00	6	-36	-37	-223	-222	0.00	-2950.00	2.37	0.00
6	-435	-631	-622	-488	0.00	-2950.00	2.37	0.00	6	-430	-431	-484	-483	0.00	-2950.00	2.37	0.00
6	-226	-227	-267	-266	0.00	-2950.00	2.37	0.00	6	-229	-230	-270	-269	0.00	-2950.00	2.37	0.00
6	-222	-223	-263	-262	0.00	-2950.00	2.37	0.00	6	-233	-234	-274	-273	0.00	-2950.00	2.37	0.00
6	-360	-632	-631	-435	0.00	-2950.00	2.37	0.00	6	-46	-636	-635	-232	0.00	-2950.00	2.37	0.00
6	-225	-226	-266	-265	0.00	-2950.00	2.37	0.00	6	-357	-358	-433	-432	0.00	-2950.00	2.37	0.00
6	-271	-272	-312	-311	0.00	-2950.00	2.37	0.00	6	-37	-38	-224	-223	0.00	-2950.00	2.37	0.00
6	-634	-273	-313	-633	0.00	-2950.00	2.37	0.00	6	-427	-428	-481	-480	0.00	-2950.00	2.37	0.00
6	-362	-363	-438	-437	0.00	-2950.00	2.37	0.00	6	-426	-427	-480	-479	0.00	-2950.00	2.37	0.00
6	-303	-304	-352	-351	0.00	-2950.00	2.37	0.00	6	-632	-361	-436	-631	0.00	-2950.00	2.37	0.00
6	-356	-357	-432	-431	0.00	-2950.00	2.37	0.00	6	-359	-360	-435	-434	0.00	-2950.00	2.37	0.00
6	-438	-439	-492	-491	0.00	-2950.00	2.37	0.00	6	-425	-426	-479	-478	0.00	-2950.00	2.37	0.00
6	-310	-311	-359	-358	0.00	-2950.00	2.37	0.00	6	-223	-224	-264	-263	0.00	-2950.00	2.37	0.00
6	-262	-263	-303	-302	0.00	-2950.00	2.37	0.00	6	-39	-40	-226	-225	0.00	-2950.00	2.37	0.00
6	-354	-355	-430	-429	0.00	-2950.00	2.37	0.00	6	-429	-430	-483	-482	0.00	-2950.00	2.37	0.00
6	-308	-309	-357	-356	0.00	-2950.00	2.37	0.00	6	-431	-432	-485	-484	0.00	-2950.00	2.37	0.00
6	-311	-312	-360	-359	0.00	-2950.00	2.37	0.00	6	-352	-353	-428	-427	0.00	-2950.00	2.37	0.00
6	-45	-46	-232	-231	0.00	-2950.00	2.37	0.00	6	-41	-42	-228	-227	0.00	-2950.00	2.37	0.00
6	-42	-43	-229	-228	0.00	-2950.00	2.37	0.00	6	-434	-435	-488	-487	0.00	-2950.00	2.37	0.00
6	-309	-310	-358	-357	0.00	-2950.00	2.37	0.00	6	-263	-264	-304	-303	0.00	-2950.00	2.37	0.00
6	-631	-436	-489	-622	0.00	-2950.00	2.37	0.00	6	-267	-268	-308	-307	0.00	-2950.00	2.37	0.00
6	-270	-271	-311	-310	0.00	-2950.00	2.37	0.00	6	-224	-225	-265	-264	0.00	-2950.00	2.37	0.00
6	-633	-313	-361	-632	0.00	-2950.00	2.37	0.00	6	-355	-356	-431	-430	0.00	-2950.00	2.37	0.00
7	-314	-316	-367	-362	0.00	-2950.00	2.37	0.00	7	-236	-240	-280	-276	0.00	-2950.00	2.37	0.00
7	-274	-276	-316	-314	0.00	-2950.00	2.37	0.00	7	-282	-284	-324	-322	0.00	-2950.00	2.37	0.00
7	-724	-341	-413	-723	0.00	-2950.00	2.37	0.00	7	-324	-328	-397	-387	0.00	-2950.00	2.37	0.00
7	-690	-282	-322	-691	0.00	-2950.00	2.37	0.00	7	-234	-236	-276	-274	0.00	-2950.00	2.37	0.00
7	-244	-248	-288	-284	0.00	-2950.00	2.37	0.00	7	-725	-301	-341	-724	0.00	-2950.00	2.37	0.00
7	-328	-724	-723	-397	0.00	-2950.00	2.37	0.00	7	-48	-65	-236	-234	0.00	-2950.00	2.37	0.00
7	-685	-116	-242	-689	0.00	-2950.00	2.37	0.00	7	-99	-685	-689	-240	0.00	-2950.00	2.37	0.00
7	-240	-689	-690	-280	0.00	-2950.00	2.37	0.00	7	-133	-167	-248	-244	0.00	-2950.00	2.37	0.00
7	-116	-133	-244	-242	0.00	-2950.00	2.37	0.00	7	-727	-184	-261	-726	0.00	-2950.00	2.37	0.00
7	-284	-288	-328	-324	0.00	-2950.00	2.37	0.00	7	-322	-324	-387	-382	0.00	-2950.00	2.37	0.00
7	-726	-261	-301	-725	0.00	-2950.00	2.37	0.00	7	-242	-244	-284	-282	0.00	-2950.00	2.37	0.00
7	-689	-242	-282	-690	0.00	-2950.00	2.37	0.00	7	-320	-691	-692	-377	0.00	-2950.00	2.37	0.00
7	-276	-280	-320	-316	0.00	-2950.00	2.37	0.00	7	-167	-727	-726	-248	0.00	-2950.00	2.37	0.00
7	-288	-725	-724	-328	0.00	-2950.00	2.37	0.00	7	-691	-322	-382	-692	0.00	-2950.00	2.37	0.00
7	-248	-726	-725	-288	0.00	-2950.00	2.37	0.00	7	-65	-99	-240	-236	0.00	-2950.00	2.37	0.00
7	-316	-320	-377	-367	0.00	-2950.00	2.37	0.00	7	-280	-690	-691	-320	0.00	-2950.00	2.37	0.00
8	-243	-241	-281	-283	0.00	-2950.00	2.37	0.00	8	-396	-386	-453	-459	0.00	-2950.00	2.37	0.00
8	-670	-239	-279	-669	0.00	-2950.00	2.37	0.00	8	-87	-53	-235	-239	0.00	-2950.00	2.37	0.00
8	-289	-746	-747	-329	0.00	-2950.00	2.37	0.00	8	-281	-669	-668	-321	0.00	-2950.00	2.37	0.00
8	-453	-450	-542	-558	0.00	-2950.00	2.37	0.00	8	-287	-283	-323	-327	0.00	-2950.00	2.37	0.00
8	-283	-281	-321	-323	0.00	-2950.00	2.37	0.00	8	-319	-315	-366	-376	0.00	-2950.00	2.37	0.00
8	-279	-275	-315	-319	0.00	-2950.00	2.37	0.00	8	-329	-747	-748	-401	0.00	-2950.00	2.37	0.00
8	-249	-745	-746	-289	0.00	-2950.00	2.37	0.00	8	-239	-235	-275	-279	0.00	-2950.00	2.37	0.00
8	-667	-376	-447	-666	0.00	-2950.00	2.37	0.00	8	-462	-749	-703	-606	0.00	-2950.00	2.37	0.00
8	-450	-666	-658	-542	0.00	-2950.00	2.37	0.00	8	-327	-323	-386	-396	0.00	-2950.00	2.37	0.00
8	-247	-243	-283	-287	0.00	-2950.00	2.37	0.00	8	-321	-668	-667	-381	0.00	-2950.00	2.37	0.00
8	-104	-671	-670	-241	0.00	-2950.00	2.37	0.00	8	-381	-667	-666	-450	0.00	-2950.00	2.37	0.00
8	-671	-87	-239	-670	0.00	-2950.00	2.37	0.00	8	-366	-350	-425	-441	0.00	-2950.00	2.37	0.00
8	-315	-302	-350	-366	0.00	-2950.00	2.37	0.00	8	-376	-366	-441	-447	0.00	-2950.00	2.37	0.00
8	-235	-222	-262	-275	0.00	-2950.00	2.37	0.00	8	-155	-121	-243	-247	0.00	-2950.00	2.37	0.00
8	-401	-748	-749	-462	0.00	-2950.00	2.37	0.00	8	-323	-321	-381	-386	0.00	-2950.00	2.37	0.00
8	-447	-441	-494	-526	0.00	-2950.00	2.37	0.00	8	-669	-279	-319	-668	0.00	-2950.00	2.37	0.00
8	-121	-104	-241	-243	0.00	-2950.00	2.37	0.00	8	-241	-670	-669	-281	0.00	-2950.00	2.37	0.00
8	-275	-262	-302	-315	0.00	-2950.00	2.37	0.00	8	-666	-447	-526	-658	0.00	-2950.00	2.37	0.00
8	-53	-36	-222	-235	0.00	-2950.00	2.37	0.00	8	-386	-381	-450	-453	0.00	-2950.00	2.37	0.00
8	-668	-319	-376	-667	0.00	-2950.00	2.37	0.00	8	-459	-453	-558	-590	0.00	-2950.00	2.37	0.00
8	-172	-743	-745	-249	0.00	-2950.00	2.37	0.00	8	-441	-425	-478	-494	0.00	-2950.00	2.37	0.00
8	-743	-155	-247	-745	0.00	-2950.00	2.37	0.00	8	-745	-247	-287	-746	0.00	-2950.00	2.37	0.00
8	-746	-287	-327	-747	0.00	-2950.00	2.37	0.00	8	-747	-327	-396	-748	0.00	-2950.00	2.37	0.00
8	-748	-396	-459	-749	0.00	-2950.00	2.37	0.00	8	-749	-459	-590	-703	0.00	-2950.00	2.37	0.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 3: traffico distrib.
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>
6	-428	-429	-482	-481	M	G	0.00	-450.00	0.00	6	-266	-267	-307	-306	M	G	0.00	-450.00	0.00
6	-351	-352	-427	-426	M	G	0.00	-450.00	0.00	6	-432	-433	-486	-485	M	G	0.00	-450.00	0.00
6	-302	-303	-351	-350	M	G	0.00	-450.00	0.00	6	-227	-228	-268	-267	M	G	0.00	-450.00	0.00
6	-230	-231	-271	-270	M	G	0.00	-450.00	0.00	6	-307	-308	-356	-355	M	G	0.00	-450.00	0.00
6	-636	-47	-233	-635	M	G	0.00	-450.00	0.00	6	-264	-265	-305	-304	M	G	0.00	-450.00	0.00
6	-436	-437	-490	-489	M	G	0.00	-450.00	0.00	6	-47	-48	-234	-233	M	G	0.00	-450.00	0.00
6	-43	-44	-230	-229	M	G	0.00	-450.00	0.00	6	-228	-229	-269	-268	M	G	0.00	-450.00	0.00
6	-44	-45	-231	-230	M	G	0.00	-450.00	0.00	6	-312	-633	-632	-360	M	G	0.00	-450.00	0.00
6	-232	-635	-634	-272	M	G	0.00	-450.00	0.00	6	-361	-362	-437	-436	M	G	0.00	-450.00	0.00
6	-313	-314	-362	-361	M	G	0.00	-450.00	0.00	6	-353	-354	-429	-428	M	G	0.00	-450.00	0.00
6	-306	-307	-355	-354	M	G	0.00	-450.00	0.00	6	-350	-351	-426	-425	M	G	0.00	-450.00	0.00

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3	-105	-106	-123	-122	M	G	0.00	0.00	1200.00	3	-44	-45	-62	-61	M	G	0.00	0.00	1200.00
3	-738	-737	-178	-177	M	G	0.00	0.00	1200.00	3	-112	-113	-130	-129	M	G	0.00	0.00	1200.00
3	-64	-65	-99	-98	M	G	0.00	0.00	1200.00	3	-675	-676	-108	-107	M	G	0.00	0.00	1200.00
3	-671	-673	-105	-104	M	G	0.00	0.00	1200.00	3	-92	-93	-678	-677	M	G	0.00	0.00	1200.00
3	-680	-681	-113	-112	M	G	0.00	0.00	1200.00	3	-162	-163	-735	-736	M	G	0.00	0.00	1200.00
3	-111	-112	-129	-128	M	G	0.00	0.00	1200.00	3	-43	-44	-61	-60	M	G	0.00	0.00	1200.00
3	-740	-739	-176	-175	M	G	0.00	0.00	1200.00	3	-678	-679	-111	-110	M	G	0.00	0.00	1200.00
3	-127	-128	-162	-161	M	G	0.00	0.00	1200.00	3	-42	-43	-60	-59	M	G	0.00	0.00	1200.00
3	-57	-58	-92	-91	M	G	0.00	0.00	1200.00	3	-123	-124	-158	-157	M	G	0.00	0.00	1200.00
3	-737	-736	-179	-178	M	G	0.00	0.00	1200.00	3	-161	-162	-736	-737	M	G	0.00	0.00	1200.00
3	-160	-161	-737	-738	M	G	0.00	0.00	1200.00	3	-163	-164	-734	-735	M	G	0.00	0.00	1200.00
3	-122	-123	-157	-156	M	G	0.00	0.00	1200.00	3	-63	-653	-651	-97	M	G	0.00	0.00	1200.00
3	-158	-159	-739	-740	M	G	0.00	0.00	1200.00	3	-107	-108	-125	-124	M	G	0.00	0.00	1200.00
3	-677	-678	-110	-109	M	G	0.00	0.00	1200.00	3	-88	-89	-674	-673	M	G	0.00	0.00	1200.00
3	-121	-122	-156	-155	M	G	0.00	0.00	1200.00	3	-673	-674	-106	-105	M	G	0.00	0.00	1200.00
3	-46	-636	-653	-63	M	G	0.00	0.00	1200.00	3	-37	-38	-55	-54	M	G	0.00	0.00	1200.00
3	-38	-39	-56	-55	M	G	0.00	0.00	1200.00	3	-739	-738	-177	-176	M	G	0.00	0.00	1200.00
3	-62	-63	-97	-96	M	G	0.00	0.00	1200.00	3	-683	-684	-115	-650	M	G	0.00	0.00	1200.00
3	-61	-62	-96	-95	M	G	0.00	0.00	1200.00	3	-56	-57	-91	-90	M	G	0.00	0.00	1200.00
3	-157	-158	-740	-741	M	G	0.00	0.00	1200.00	3	-733	-732	-644	-182	M	G	0.00	0.00	1200.00
3	-735	-734	-181	-180	M	G	0.00	0.00	1200.00	3	-731	-727	-184	-183	M	G	0.00	0.00	1200.00
3	-59	-60	-94	-93	M	G	0.00	0.00	1200.00	3	-93	-94	-679	-678	M	G	0.00	0.00	1200.00
3	-131	-649	-647	-165	M	G	0.00	0.00	1200.00	3	-128	-129	-163	-162	M	G	0.00	0.00	1200.00
3	-743	-742	-173	-172	M	G	0.00	0.00	1200.00	3	-126	-127	-161	-160	M	G	0.00	0.00	1200.00
3	-166	-167	-727	-731	M	G	0.00	0.00	1200.00	3	-55	-56	-90	-89	M	G	0.00	0.00	1200.00
3	-742	-741	-174	-173	M	G	0.00	0.00	1200.00	3	-98	-99	-685	-684	M	G	0.00	0.00	1200.00
3	-132	-133	-167	-166	M	G	0.00	0.00	1200.00	3	-679	-680	-112	-111	M	G	0.00	0.00	1200.00
3	-736	-735	-180	-179	M	G	0.00	0.00	1200.00	3	-114	-650	-649	-131	M	G	0.00	0.00	1200.00
3	-54	-55	-89	-88	M	G	0.00	0.00	1200.00	3	-53	-54	-88	-87	M	G	0.00	0.00	1200.00
3	-155	-156	-742	-743	M	G	0.00	0.00	1200.00	3	-130	-131	-165	-164	M	G	0.00	0.00	1200.00
3	-741	-740	-175	-174	M	G	0.00	0.00	1200.00	3	-113	-114	-131	-130	M	G	0.00	0.00	1200.00
3	-96	-97	-682	-681	M	G	0.00	0.00	1200.00	3	-647	-166	-731	-732	M	G	0.00	0.00	1200.00
3	-732	-731	-183	-644	M	G	0.00	0.00	1200.00	3	-124	-125	-159	-158	M	G	0.00	0.00	1200.00
3	-97	-651	-683	-682	M	G	0.00	0.00	1200.00	3	-682	-683	-650	-114	M	G	0.00	0.00	1200.00
3	-104	-105	-122	-121	M	G	0.00	0.00	1200.00	3	-108	-109	-126	-125	M	G	0.00	0.00	1200.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 8: Traffico_conc_metà
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>
4	10	11	-552	-551	M	G	0.00	0.00	75000.00	4	2	3	-546	-545	M	G	0.00	0.00	75000.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 8: Traffico_conc_metà
Carichi idrostatici

Bid.	N1	N2	N3	N4	Zi <m>	QYi <kg/m>	MY <m>	QYf <kg/m>	Bid.	N1	N2	N3	N4	Zi <m>	QYi <kg/m>	MY <m>	QYf <kg/m>
6	-428	-429	-482	-481	2.37	-11000.00	0.00	0.00	6	-266	-267	-307	-306	2.37	-11000.00	0.00	0.00
6	-432	-433	-486	-485	2.37	-11000.00	0.00	0.00	6	-227	-228	-268	-267	2.37	-11000.00	0.00	0.00
6	-230	-231	-271	-270	2.37	-11000.00	0.00	0.00	6	-307	-308	-356	-355	2.37	-11000.00	0.00	0.00
6	-264	-265	-305	-304	2.37	-11000.00	0.00	0.00	6	-43	-44	-230	-229	2.37	-11000.00	0.00	0.00
6	-228	-229	-269	-268	2.37	-11000.00	0.00	0.00	6	-44	-45	-231	-230	2.37	-11000.00	0.00	0.00
6	-353	-354	-429	-428	2.37	-11000.00	0.00	0.00	6	-306	-307	-355	-354	2.37	-11000.00	0.00	0.00
6	-304	-305	-353	-352	2.37	-11000.00	0.00	0.00	6	-38	-39	-225	-224	2.37	-11000.00	0.00	0.00
6	-305	-306	-354	-353	2.37	-11000.00	0.00	0.00	6	-40	-41	-227	-226	2.37	-11000.00	0.00	0.00
6	-231	-232	-272	-271	2.37	-11000.00	0.00	0.00	6	-268	-269	-309	-308	2.37	-11000.00	0.00	0.00
6	-358	-359	-434	-433	2.37	-11000.00	0.00	0.00	6	-433	-434	-487	-486	2.37	-11000.00	0.00	0.00
6	-265	-266	-306	-305	2.37	-11000.00	0.00	0.00	6	-269	-270	-310	-309	2.37	-11000.00	0.00	0.00
6	-430	-431	-484	-483	2.37	-11000.00	0.00	0.00	6	-226	-227	-267	-266	2.37	-11000.00	0.00	0.00
6	-229	-230	-270	-269	2.37	-11000.00	0.00	0.00	6	-225	-226	-266	-265	2.37	-11000.00	0.00	0.00
6	-357	-358	-433	-432	2.37	-11000.00	0.00	0.00	6	-271	-272	-312	-311	2.37	-11000.00	0.00	0.00
6	-427	-428	-481	-480	2.37	-11000.00	0.00	0.00	6	-356	-357	-432	-431	2.37	-11000.00	0.00	0.00
6	-359	-360	-435	-434	2.37	-11000.00	0.00	0.00	6	-310	-311	-359	-358	2.37	-11000.00	0.00	0.00
6	-39	-40	-226	-225	2.37	-11000.00	0.00	0.00	6	-354	-355	-430	-429	2.37	-11000.00	0.00	0.00
6	-429	-430	-483	-482	2.37	-11000.00	0.00	0.00	6	-308	-309	-357	-356	2.37	-11000.00	0.00	0.00
6	-431	-432	-485	-484	2.37	-11000.00	0.00	0.00	6	-311	-312	-360	-359	2.37	-11000.00	0.00	0.00
6	-352	-353	-428	-427	2.37	-11000.00	0.00	0.00	6	-45	-46	-232	-231	2.37	-11000.00	0.00	0.00
6	-41	-42	-228	-227	2.37	-11000.00	0.00	0.00	6	-42	-43	-229	-228	2.37	-11000.00	0.00	0.00
6	-434	-435	-488	-487	2.37	-11000.00	0.00	0.00	6	-309	-310	-358	-357	2.37	-11000.00	0.00	0.00
6	-267	-268	-308	-307	2.37	-11000.00	0.00	0.00	6	-270	-271	-311	-310	2.37	-11000.00	0.00	0.00
6	-224	-225	-265	-264	2.37	-11000.00	0.00	0.00	6	-355	-356	-431	-430	2.37	-11000.00	0.00	0.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 9: Traffico_distrib_metà
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>

4	10	11	-552	-551	M	G	0.00	0.00	720.00	4	-597	-598	-707	-706	M	G	0.00	0.00	720.00
4	-706	-707	-614	-613	M	G	0.00	0.00	720.00	4	-546	-547	-563	8	M	G	0.00	0.00	720.00
4	14	15	-616	-615	M	G	0.00	0.00	720.00	4	13	16	-600	-599	M	G	0.00	0.00	720.00
4	-502	9	-535	-534	M	G	0.00	0.00	720.00	4	-487	-488	12	9	M	G	0.00	0.00	720.00
4	2	3	-546	-545	M	G	0.00	0.00	720.00	4	-598	-599	14	-707	M	G	0.00	0.00	720.00
4	-560	5	-593	-592	M	G	0.00	0.00	720.00	4	-501	-502	-534	-533	M	G	0.00	0.00	720.00
4	1	4	-530	-529	M	G	0.00	0.00	720.00	4	-662	10	-551	-550	M	G	0.00	0.00	720.00
4	-707	14	-615	-614	M	G	0.00	0.00	720.00	4	-486	-487	9	-502	M	G	0.00	0.00	720.00
4	-563	-564	-596	-595	M	G	0.00	0.00	720.00	4	-480	-481	1	-496	M	G	0.00	0.00	720.00
4	-565	-566	-598	-597	M	G	0.00	0.00	720.00	4	-594	-595	-704	7	M	G	0.00	0.00	720.00
4	8	-563	-595	-594	M	G	0.00	0.00	720.00	4	9	12	-536	-535	M	G	0.00	0.00	720.00
4	-483	-484	-500	-499	M	G	0.00	0.00	720.00	4	-482	-483	-499	4	M	G	0.00	0.00	720.00
4	-530	-531	-659	3	M	G	0.00	0.00	720.00	4	-534	-535	10	-662	M	G	0.00	0.00	720.00
4	-593	-594	7	6	M	G	0.00	0.00	720.00	4	-529	-530	3	2	M	G	0.00	0.00	720.00
4	-485	-486	-502	-501	M	G	0.00	0.00	720.00	4	-481	-482	4	1	M	G	0.00	0.00	720.00
4	3	-659	-547	-546	M	G	0.00	0.00	720.00	4	-592	-593	6	-701	M	G	0.00	0.00	720.00
4	-550	-551	13	-566	M	G	0.00	0.00	720.00	4	-548	-549	-565	-564	M	G	0.00	0.00	720.00
4	-544	-545	5	-560	M	G	0.00	0.00	720.00	4	-659	-660	-548	-547	M	G	0.00	0.00	720.00
4	-596	-597	-706	-705	M	G	0.00	0.00	720.00	4	-545	-546	8	5	M	G	0.00	0.00	720.00
4	-661	-662	-550	-549	M	G	0.00	0.00	720.00	4	-535	-536	11	10	M	G	0.00	0.00	720.00
4	-564	-565	-597	-596	M	G	0.00	0.00	720.00	4	-566	13	-599	-598	M	G	0.00	0.00	720.00
4	4	-499	-531	-530	M	G	0.00	0.00	720.00	4	5	8	-594	-593	M	G	0.00	0.00	720.00
4	-528	-529	2	-656	M	G	0.00	0.00	720.00	4	6	7	-610	-609	M	G	0.00	0.00	720.00
4	-705	-706	-613	-612	M	G	0.00	0.00	720.00	4	-533	-534	-662	-661	M	G	0.00	0.00	720.00
4	-484	-485	-501	-500	M	G	0.00	0.00	720.00	4	-656	2	-545	-544	M	G	0.00	0.00	720.00
4	-660	-661	-549	-548	M	G	0.00	0.00	720.00	4	-547	-548	-564	-563	M	G	0.00	0.00	720.00
4	-701	6	-609	-608	M	G	0.00	0.00	720.00	4	7	-704	-611	-610	M	G	0.00	0.00	720.00
4	-500	-501	-533	-532	M	G	0.00	0.00	720.00	4	-532	-533	-661	-660	M	G	0.00	0.00	720.00
4	-549	-550	-566	-565	M	G	0.00	0.00	720.00	4	-704	-705	-612	-611	M	G	0.00	0.00	720.00
4	-499	-500	-532	-531	M	G	0.00	0.00	720.00	4	-496	1	-529	-528	M	G	0.00	0.00	720.00
4	-595	-596	-705	-704	M	G	0.00	0.00	720.00	4	-531	-532	-660	-659	M	G	0.00	0.00	720.00
4	-599	-600	15	14	M	G	0.00	0.00	720.00	4	-551	-552	16	13	M	G	0.00	0.00	720.00
6	-428	-429	-482	-481	M	G	0.00	-450.00	0.00	6	-266	-267	-307	-306	M	G	0.00	-450.00	0.00
6	-432	-433	-486	-485	M	G	0.00	-450.00	0.00	6	-227	-228	-268	-267	M	G	0.00	-450.00	0.00
6	-230	-231	-271	-270	M	G	0.00	-450.00	0.00	6	-307	-308	-356	-355	M	G	0.00	-450.00	0.00
6	-264	-265	-305	-304	M	G	0.00	-450.00	0.00	6	-43	-44	-230	-229	M	G	0.00	-450.00	0.00
6	-228	-229	-269	-268	M	G	0.00	-450.00	0.00	6	-44	-45	-231	-230	M	G	0.00	-450.00	0.00
6	-353	-354	-429	-428	M	G	0.00	-450.00	0.00	6	-306	-307	-355	-354	M	G	0.00	-450.00	0.00
6	-304	-305	-353	-352	M	G	0.00	-450.00	0.00	6	-38	-39	-225	-224	M	G	0.00	-450.00	0.00
6	-305	-306	-354	-353	M	G	0.00	-450.00	0.00	6	-40	-41	-227	-226	M	G	0.00	-450.00	0.00
6	-231	-232	-272	-271	M	G	0.00	-450.00	0.00	6	-268	-269	-309	-308	M	G	0.00	-450.00	0.00
6	-358	-359	-434	-433	M	G	0.00	-450.00	0.00	6	-433	-434	-487	-486	M	G	0.00	-450.00	0.00
6	-265	-266	-306	-305	M	G	0.00	-450.00	0.00	6	-269	-270	-310	-309	M	G	0.00	-450.00	0.00
6	-430	-431	-484	-483	M	G	0.00	-450.00	0.00	6	-226	-227	-267	-266	M	G	0.00	-450.00	0.00
6	-229	-230	-270	-269	M	G	0.00	-450.00	0.00	6	-225	-226	-266	-265	M	G	0.00	-450.00	0.00
6	-357	-358	-433	-432	M	G	0.00	-450.00	0.00	6	-271	-272	-312	-311	M	G	0.00	-450.00	0.00
6	-427	-428	-481	-480	M	G	0.00	-450.00	0.00	6	-356	-357	-432	-431	M	G	0.00	-450.00	0.00
6	-359	-360	-435	-434	M	G	0.00	-450.00	0.00	6	-310	-311	-359	-358	M	G	0.00	-450.00	0.00
6	-39	-40	-226	-225	M	G	0.00	-450.00	0.00	6	-354	-355	-430	-429	M	G	0.00	-450.00	0.00
6	-429	-430	-483	-482	M	G	0.00	-450.00	0.00	6	-308	-309	-357	-356	M	G	0.00	-450.00	0.00
6	-431	-432	-485	-484	M	G	0.00	-450.00	0.00	6	-311	-312	-360	-359	M	G	0.00	-450.00	0.00
6	-352	-353	-428	-427	M	G	0.00	-450.00	0.00	6	-45	-46	-232	-231	M	G	0.00	-450.00	0.00
6	-41	-42	-228	-227	M	G	0.00	-450.00	0.00	6	-42	-43	-229	-228	M	G	0.00	-450.00	0.00
6	-434	-435	-488	-487	M	G	0.00	-450.00	0.00	6	-309	-310	-358	-357	M	G	0.00	-450.00	0.00
6	-267	-268	-308	-307	M	G	0.00	-450.00	0.00	6	-270	-271	-311	-310	M	G	0.00	-450.00	0.00
6	-224	-225	-265	-264	M	G	0.00	-450.00	0.00	6	-355	-356	-431	-430	M	G	0.00	-450.00	0.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 11: sisma_terreno
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>	Bid.	N1	N2	N3	N4	T	DC	Qx <kg/mq>	Qy <kg/mq>	Qz <kg/mq>
6	-428	-429	-482	-481	M	G	0.00	-850.00	0.00	6	-266	-267	-307	-306	M	G	0.00	-850.00	0.00
6	-351	-352	-427	-426	M	G	0.00	-850.00	0.00	6	-432	-433	-486	-485	M	G	0.00	-850.00	0.00
6	-302	-303	-351	-350	M	G	0.00	-850.00	0.00	6	-227	-228	-268	-267	M	G	0.00	-850.00	0.00
6	-230	-231	-271	-270	M	G	0.00	-850.00	0.00	6	-307	-308	-356	-355	M	G	0.00	-850.00	0.00
6	-636	-47	-233	-635	M	G	0.00	-850.00	0.00	6	-264	-265	-305	-304	M	G	0.00	-850.00	0.00
6	-436	-437	-490	-489	M	G	0.00	-850.00	0.00	6	-47	-48	-234	-233	M	G	0.00	-850.00	0.00
6	-43	-44	-230	-229	M	G	0.00	-850.00	0.00	6	-228	-229	-269	-268	M	G	0.00	-850.00	0.00
6	-44	-45	-231	-230	M	G	0.00	-850.00	0.00	6	-312	-633	-632	-360	M	G	0.00	-850.00	0.00
6	-232	-635	-634	-272	M	G	0.00	-850.00	0.00	6	-361	-362	-437	-436	M	G	0.00	-850.00	0.00
6	-313	-314	-362	-361	M	G	0.00	-850.00	0.00	6	-353	-354	-429	-428	M	G	0.00	-850.00	0.00
6	-306	-307	-355	-354	M	G	0.00	-850.00	0.00	6	-350	-351	-426	-425	M	G	0.00	-850.00	0.00
6	-304	-305	-353	-352	M	G	0.00	-850.00	0.00	6	-273	-274	-314	-313	M	G	0.00	-850.00	0.00
6	-272	-634	-633	-312	M	G	0.00	-850.00	0.00	6	-635	-233	-273	-634	M	G	0.00	-850.00	0.00
6	-38	-39	-225	-224	M	G	0.00	-850.00	0.00	6	-305	-306	-354	-353	M	G	0.00	-850.00	0.00
6	-40	-41	-227	-226	M	G	0.00	-850.00	0.00	6	-231	-232	-272	-271	M	G	0.00	-850.00	0.00
6	-268	-269	-309	-308	M	G	0.00	-850.00	0.00	6	-358	-359	-434	-433	M	G	0.00	-850.00	0.00
6	-433	-434	-487	-486	M	G	0.00	-850.00	0.00	6	-265	-266	-306	-305	M	G	0.00	-850.00	0.00
6	-269	-270	-310	-309	M	G	0.00	-850.00	0.00	6	-36	-37	-223	-222	M	G	0.00	-850.00	0.00

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4	15	-710	-630	-616	M	G	0.00	0.00	500.00	4	-598	-599	14	-707	M	G	0.00	0.00	500.00
4	-560	5	-593	-592	M	G	0.00	0.00	500.00	4	-501	-502	-534	-533	M	G	0.00	0.00	500.00
4	-712	-716	-619	-618	M	G	0.00	0.00	500.00	4	-558	-559	-591	-590	M	G	0.00	0.00	500.00
4	-508	-509	-541	-540	M	G	0.00	0.00	500.00	4	1	4	-530	-529	M	G	0.00	0.00	500.00
4	-603	-604	-717	-716	M	G	0.00	0.00	500.00	4	-542	-543	-559	-558	M	G	0.00	0.00	500.00
4	-658	-657	-543	-542	M	G	0.00	0.00	500.00	4	-717	-718	-621	-620	M	G	0.00	0.00	500.00
4	-559	-560	-592	-591	M	G	0.00	0.00	500.00	4	-604	-605	-718	-717	M	G	0.00	0.00	500.00
4	-662	10	-551	-550	M	G	0.00	0.00	500.00	4	-707	14	-615	-614	M	G	0.00	0.00	500.00
4	-486	-487	9	-502	M	G	0.00	0.00	500.00	4	-563	-564	-596	-595	M	G	0.00	0.00	500.00
4	-480	-481	1	-496	M	G	0.00	0.00	500.00	4	-565	-566	-598	-597	M	G	0.00	0.00	500.00
4	-698	-697	-557	-556	M	G	0.00	0.00	500.00	4	-712	-618	-617	-711	M	G	0.00	0.00	500.00
4	-594	-595	-704	7	M	G	0.00	0.00	500.00	4	8	-563	-595	-594	M	G	0.00	0.00	500.00
4	9	12	-536	-535	M	G	0.00	0.00	500.00	4	-483	-484	-500	-499	M	G	0.00	0.00	500.00
4	-622	-489	-505	-623	M	G	0.00	0.00	500.00	4	-482	-483	-499	4	M	G	0.00	0.00	500.00
4	-530	-531	-659	3	M	G	0.00	0.00	500.00	4	-534	-535	10	-662	M	G	0.00	0.00	500.00
4	-491	-492	-508	-507	M	G	0.00	0.00	500.00	4	-593	-594	7	6	M	G	0.00	0.00	500.00
4	16	-627	-629	-600	M	G	0.00	0.00	500.00	4	-600	-629	-710	15	M	G	0.00	0.00	500.00
4	-529	-530	3	2	M	G	0.00	0.00	500.00	4	-591	-592	-701	-702	M	G	0.00	0.00	500.00
4	-485	-486	-502	-501	M	G	0.00	0.00	500.00	4	-540	-541	-697	-698	M	G	0.00	0.00	500.00
4	-489	-490	-506	-505	M	G	0.00	0.00	500.00	4	11	-665	-626	-552	M	G	0.00	0.00	500.00
4	-657	-656	-544	-543	M	G	0.00	0.00	500.00	4	-481	-482	4	1	M	G	0.00	0.00	500.00
4	12	-623	-625	-536	M	G	0.00	0.00	500.00	4	3	-659	-547	-546	M	G	0.00	0.00	500.00
4	-592	-593	6	-701	M	G	0.00	0.00	500.00	4	-550	-551	13	-566	M	G	0.00	0.00	500.00
4	-548	-549	-565	-564	M	G	0.00	0.00	500.00	4	-544	-545	5	-560	M	G	0.00	0.00	500.00
4	-659	-660	-548	-547	M	G	0.00	0.00	500.00	4	-602	-712	-711	-601	M	G	0.00	0.00	500.00
4	-552	-626	-627	16	M	G	0.00	0.00	500.00	4	-490	-491	-507	-506	M	G	0.00	0.00	500.00
4	-596	-597	-706	-705	M	G	0.00	0.00	500.00	4	-545	-546	8	5	M	G	0.00	0.00	500.00
4	-661	-662	-550	-549	M	G	0.00	0.00	500.00	4	-535	-536	11	10	M	G	0.00	0.00	500.00
4	-564	-565	-597	-596	M	G	0.00	0.00	500.00	4	-566	13	-599	-598	M	G	0.00	0.00	500.00
4	4	-499	-531	-530	M	G	0.00	0.00	500.00	4	-716	-717	-620	-619	M	G	0.00	0.00	500.00
4	-702	-701	-608	-607	M	G	0.00	0.00	500.00	4	5	8	-594	-593	M	G	0.00	0.00	500.00
4	-590	-591	-702	-703	M	G	0.00	0.00	500.00	4	-528	-529	2	-656	M	G	0.00	0.00	500.00
4	-572	-573	-605	-604	M	G	0.00	0.00	500.00	4	6	7	-610	-609	M	G	0.00	0.00	500.00
4	-705	-706	-613	-612	M	G	0.00	0.00	500.00	4	-533	-534	-662	-661	M	G	0.00	0.00	500.00
4	-710	-711	-617	-630	M	G	0.00	0.00	500.00	4	-484	-485	-501	-500	M	G	0.00	0.00	500.00
4	-656	2	-545	-544	M	G	0.00	0.00	500.00	4	-660	-661	-549	-548	M	G	0.00	0.00	500.00
4	-703	-702	-607	-606	M	G	0.00	0.00	500.00	4	-547	-548	-564	-563	M	G	0.00	0.00	500.00
4	-701	6	-609	-608	M	G	0.00	0.00	500.00	4	7	-704	-611	-610	M	G	0.00	0.00	500.00
4	-500	-501	-533	-532	M	G	0.00	0.00	500.00	4	-532	-533	-661	-660	M	G	0.00	0.00	500.00
4	-549	-550	-566	-565	M	G	0.00	0.00	500.00	4	-526	-527	-657	-658	M	G	0.00	0.00	500.00
4	-704	-705	-612	-611	M	G	0.00	0.00	500.00	4	-499	-500	-532	-531	M	G	0.00	0.00	500.00
4	-496	1	-529	-528	M	G	0.00	0.00	500.00	4	-488	-622	-623	12	M	G	0.00	0.00	500.00
4	-595	-596	-705	-704	M	G	0.00	0.00	500.00	4	-531	-532	-660	-659	M	G	0.00	0.00	500.00
4	-599	-600	15	14	M	G	0.00	0.00	500.00	4	-551	-552	16	13	M	G	0.00	0.00	500.00

Risultati del calcolo

Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 7.27, prodotto da Tecnisoft s.a.s. - Prato

La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 2010, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 08
Tipo di calcolo: calcolo statico
Schematizzazione piani rigidi: nessun impalcato rigido
Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: si
- 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 <kg/m>
- Recupero carichi zone rigide: taglio e momento flettente

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: Sì

- 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

- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe II
- Forze orizzontali convenzionali per stati limite non sismici: 1.00%

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
Sicurezza = Contributo alla sicurezza
F = a favore
S = a sfavore
A = ambigua
Variabilità = Tipo di variabilità
B = di base
I = indipendente
A = ambigua

Condizioni di carico elementari

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	PESO PROPRIO	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
2	Spinta terreno	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
3	traffico distrib.	1.00	1.00	0.00	0.00	0.00	1.00	2	S	B
4	traffico_conc	1.00	1.00	0.00	0.00	0.00	1.00	2	S	B
5	traff_distrib_soletta	1.00	1.00	0.00	0.00	0.00	1.00	2	S	B
6	traff_conc_soletta	1.00	1.00	0.00	0.00	0.00	1.00	2	S	B
7	acqua_interna	1.00	1.00	0.00	0.00	0.00	1.00	3	S	--
8	Traffico_conc_metà	1.00	1.00	0.00	0.00	0.00	1.00	2	S	B
9	Traffico_distrib_metà	1.00	1.00	0.00	0.00	0.00	1.00	2	S	B
10	Conc_sbalzo	1.00	1.00	0.00	0.00	0.00	1.00	2	S	B
11	sisma_terreno	1.00	1.00	0.00	0.00	0.00	1.00	4	S	--
12	Peso terreno	1.00	1.00	0.00	0.00	0.00	1.00	1	F	--
13	Binder+tappeto	1.00	1.00	0.00	0.00	0.00	1.00	3	S	--

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	$\psi_{0,s}$

1	D.M. 08 Permanenti strutturali	G	N	1.00	1.30				
2	Traffico (cap.5 NTC 2008)	Q	N	1.00	1.35	0.75	0.75	0.00	0.33
3	D.M. 08 Permanenti non strutturali	G	N	0.00	1.50				
4	sovrapp_sismica	G	N	1.00	1.00				
5	D.M. 08 Permanenti non strutturali	G	N	0.00	1.50				

Ambienti di carico

Simbologia

N Numero
Comm. Commento
1 PESO PROPRIO
2 Spinta terreno
3 traffico distrib.
4 traffico_conc
5 traff_distrib_soletta
6 traff_conc_soletta
7 acqua_interna
8 Traffico_conc_metà
9 Traffico_distrib_metà
10 Conc_sbalzo
11 sisma_terreno
12 Peso terreno
13 Binder+tappeto
F azioni orizzontali convenzionali
SLU Stato limite ultimo
SLR Stato limite per combinazioni rare
SLF Stato limite per combinazioni frequenti
SLQ Stato limite per combinazioni quasi permanenti o di danno

N	Comm.	1	2	3	4	5	6	7	8	9	10	11	12	13	F	SLU	SLR	SLF	SLQ
1	Traffico_laterale	si	si	si	si	no	no	no	no	no	no	no	si	si	si	si	si	si	si
2	Traffico_soletta	si	si	no	no	si	si	no	no	no	no	no	si	si	si	si	si	si	si
3	Traffico_laterale+acqua	si	si	si	si	no	no	si	no	no	no	no	si	si	si	si	si	si	si
4	Traffico_soletta+acqua	si	si	no	no	si	si	si	no	no	no	no	si	si	si	si	si	si	si
5	Traffico_metà	si	si	no	no	no	no	no	si	si	no	no	si	si	si	si	si	si	si
6	Sbalzo	si	si	no	no	si	no	no	no	no	si	no	si	si	si	si	si	si	si
7	Sisma terreno	si	si	no	no	no	no	no	no	no	no	si	si	si	no	si	si	si	si

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	13	F
1	Amb. 1 (SLU)	SLU	γ max	γ max	γ max	γ max	-----	-----	-----	-----	-----	-----	-----	γ min.	γ max	1
2	Amb. 1 (SLE R)	SLE R	1	1	1	1	-----	-----	-----	-----	-----	-----	-----	1	1	1
3	Amb. 1 (SLE F)	SLE F	1	1	ψ_1	ψ_1	-----	-----	-----	-----	-----	-----	-----	1	1	1
4	Amb. 1 (SLE Q)	SLE Q	1	1	ψ_2	ψ_2	-----	-----	-----	-----	-----	-----	-----	1	1	1
5	Amb. 2 (SLU)	SLU	γ max	γ max	-----	-----	γ max	γ max	-----	-----	-----	-----	-----	γ min.	γ max	1
6	Amb. 2 (SLE R)	SLE R	1	1	-----	-----	1	1	-----	-----	-----	-----	-----	1	1	1
7	Amb. 2 (SLE F)	SLE F	1	1	-----	-----	ψ_1	ψ_1	-----	-----	-----	-----	-----	1	1	1
8	Amb. 2 (SLE Q)	SLE Q	1	1	-----	-----	ψ_2	ψ_2	-----	-----	-----	-----	-----	1	1	1
9	Amb. 3 (SLU)	SLU	γ max	γ max	γ max	γ max	-----	-----	γ max	-----	-----	-----	-----	γ min.	γ max	1
10	Amb. 3 (SLE R)	SLE R	1	1	1	1	-----	-----	1	-----	-----	-----	-----	1	1	1
11	Amb. 3 (SLE F)	SLE F	1	1	ψ_1	ψ_1	-----	-----	1	-----	-----	-----	-----	1	1	1
12	Amb. 3 (SLE Q)	SLE Q	1	1	ψ_2	ψ_2	-----	-----	1	-----	-----	-----	-----	1	1	1
13	Amb. 4 (SLU)	SLU	γ max	γ max	-----	-----	γ max	γ max	γ max	-----	-----	-----	-----	γ min.	γ max	1
14	Amb. 4 (SLE R)	SLE R	1	1	-----	-----	1	1	1	-----	-----	-----	-----	1	1	1
15	Amb. 4 (SLE F)	SLE F	1	1	-----	-----	ψ_1	ψ_1	1	-----	-----	-----	-----	1	1	1
16	Amb. 4 (SLE Q)	SLE Q	1	1	-----	-----	ψ_2	ψ_2	1	-----	-----	-----	-----	1	1	1
17	Amb. 5 (SLU)	SLU	γ max	γ max	-----	-----	-----	-----	-----	γ max	γ max	-----	-----	γ min.	γ max	1
18	Amb. 5 (SLE R)	SLE R	1	1	-----	-----	-----	-----	-----	1	1	-----	-----	1	1	1
19	Amb. 5 (SLE F)	SLE F	1	1	-----	-----	-----	-----	-----	ψ_1	ψ_1	-----	-----	1	1	1

20	Amb. 5	(SLE Q)	SLE Q	1	1	-----	-----	-----	-----	-----	ψ_2	ψ_2	-----	-----	1	1	1
21	Amb. 6	(SLU)	SLU	γ max	γ max	-----	-----	γ max	-----	-----	-----	-----	γ max	-----	γ min.	γ max	1
22	Amb. 6	(SLE R)	SLE R	1	1	-----	-----	1	-----	-----	-----	-----	1	-----	1	1	1
23	Amb. 6	(SLE F)	SLE F	1	1	-----	-----	ψ_1	-----	-----	-----	-----	ψ_1	-----	1	1	1
24	Amb. 6	(SLE Q)	SLE Q	1	1	-----	-----	ψ_2	-----	-----	-----	-----	ψ_2	-----	1	1	1
25	Amb. 7	(SLU)	SLU	γ max	γ max	-----	-----	-----	-----	-----	-----	-----	-----	γ max	γ min.	γ max	-----
26	Amb. 7	(SLE R)	SLE R	1	1	-----	-----	-----	-----	-----	-----	-----	-----	1	1	1	-----
27	Amb. 7	(SLE F)	SLE F	1	1	-----	-----	-----	-----	-----	-----	-----	-----	1	1	1	-----
28	Amb. 7	(SLE Q)	SLE Q	1	1	-----	-----	-----	-----	-----	-----	-----	-----	1	1	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 = Si
- N = No

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	8	9	10	11	12	13	F X	F Y
1	CC 1 - Amb. 1 (SLU) F X	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.50	1.00	0.00
2	CC 2 - Amb. 1 (SLU) F -X	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.50	-1.00	0.00
3	CC 3 - Amb. 1 (SLU) F Y	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.50	0.00	1.00
4	CC 4 - Amb. 1 (SLU) F -Y	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.50	0.00	-1.00
5	CC 5 - Amb. 1 (SLE R) F X	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
6	CC 6 - Amb. 1 (SLE R) F -X	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
7	CC 7 - Amb. 1 (SLE R) F Y	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
8	CC 8 - Amb. 1 (SLE R) F -Y	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
9	CC 9 - Amb. 1 (SLE F) F X	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
10	CC 10 - Amb. 1 (SLE F) F -X	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
11	CC 11 - Amb. 1 (SLE F) F Y	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
12	CC 12 - Amb. 1 (SLE F) F -Y	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
13	CC 13 - Amb. 1 (SLE Q) F X	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
14	CC 14 - Amb. 1 (SLE Q) F -X	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
15	CC 15 - Amb. 1 (SLE Q) F Y	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
16	CC 16 - Amb. 1 (SLE Q) F -Y	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
17	CC 17 - Amb. 2 (SLU) F X	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	1.00	1.50	1.00	0.00
18	CC 18 - Amb. 2 (SLU) F -X	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	1.00	1.50	-1.00	0.00
19	CC 19 - Amb. 2 (SLU) F Y	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	1.00	1.50	0.00	1.00
20	CC 20 - Amb. 2 (SLU) F -Y	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	0.00	0.00	0.00	0.00	0.00	1.00	1.50	0.00	-1.00
21	CC 21 - Amb. 2 (SLE R) F X	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
22	CC 22 - Amb. 2 (SLE R) F -X	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
23	CC 23 - Amb. 2 (SLE R) F Y	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
24	CC 24 - Amb. 2 (SLE R) F -Y	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
25	CC 25 - Amb. 2 (SLE F) F X	SLE F	L	N	1.00	1.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
26	CC 26 - Amb. 2 (SLE F) F -X	SLE F	L	N	1.00	1.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
27	CC 27 - Amb. 2 (SLE F) F Y	SLE F	L	N	1.00	1.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
28	CC 28 - Amb. 2 (SLE F) F -Y	SLE F	L	N	1.00	1.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
29	CC 29 - Amb. 2 (SLE Q) F X	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
30	CC 30 - Amb. 2 (SLE Q) F -X	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
31	CC 31 - Amb. 2 (SLE Q) F Y	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
32	CC 32 - Amb. 2 (SLE Q) F -Y	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
33	CC 33 - Amb. 3 (SLU) F X	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	1.50	0.00	0.00	0.00	0.00	1.00	1.50	1.00	0.00
34	CC 34 - Amb. 3 (SLU) F -X	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	1.50	0.00	0.00	0.00	0.00	1.00	1.50	-1.00	0.00
35	CC 35 - Amb. 3 (SLU) F Y	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	1.50	0.00	0.00	0.00	0.00	1.00	1.50	0.00	1.00
36	CC 36 - Amb. 3 (SLU) F -Y	SLU	L	N	1.30	1.30	1.35	1.35	0.00	0.00	1.50	0.00	0.00	0.00	0.00	1.00	1.50	0.00	-1.00
37	CC 37 - Amb. 3 (SLE R) F X	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
38	CC 38 - Amb. 3 (SLE R) F -X	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
39	CC 39 - Amb. 3 (SLE R) F Y	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
40	CC 40 - Amb. 3 (SLE R) F -Y	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
41	CC 41 - Amb. 3 (SLE F) F X	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
42	CC 42 - Amb. 3 (SLE F) F -X	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
43	CC 43 - Amb. 3 (SLE F) F Y	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
44	CC 44 - Amb. 3 (SLE F) F -Y	SLE F	L	N	1.00	1.00	0.75	0.75	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
45	CC 45 - Amb. 3 (SLE Q) F X	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
46	CC 46 - Amb. 3 (SLE Q) F -X	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
47	CC 47 - Amb. 3 (SLE Q) F Y	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
48	CC 48 - Amb. 3 (SLE Q) F -Y	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
49	CC 49 - Amb. 4 (SLU) F X	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	1.00	1.50	1.00	0.00
50	CC 50 - Amb. 4 (SLU) F -X	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	1.00	1.50	-1.00	0.00
51	CC 51 - Amb. 4 (SLU) F Y	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	1.00	1.50	0.00	1.00
52	CC 52 - Amb. 4 (SLU) F -Y	SLU	L	N	1.30	1.30	0.00	0.00	1.35	1.35	1.50	0.00	0.00	0.00	0.00	1.00	1.50	0.00	-1.00
53	CC 53 - Amb. 4 (SLE R) F X	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
54	CC 54 - Amb. 4 (SLE R) F -X	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
55	CC 55 - Amb. 4 (SLE R) F Y	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00

56	CC 56 - Amb. 4 (SLE R) F -Y	SLE R L	N	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
57	CC 57 - Amb. 4 (SLE F) F X	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.75	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
58	CC 58 - Amb. 4 (SLE F) F -X	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.75	1.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
59	CC 59 - Amb. 4 (SLE F) F Y	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.75	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
60	CC 60 - Amb. 4 (SLE F) F -Y	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.75	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
61	CC 61 - Amb. 4 (SLE Q) F X	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
62	CC 62 - Amb. 4 (SLE Q) F -X	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
63	CC 63 - Amb. 4 (SLE Q) F Y	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
64	CC 64 - Amb. 4 (SLE Q) F -Y	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
65	CC 65 - Amb. 5 (SLU) F X	SLU L	N	1.30	1.30	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.00	1.50	1.00	0.00
66	CC 66 - Amb. 5 (SLU) F -X	SLU L	N	1.30	1.30	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.00	1.50	-1.00	0.00
67	CC 67 - Amb. 5 (SLU) F Y	SLU L	N	1.30	1.30	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.00	1.50	0.00	1.00
68	CC 68 - Amb. 5 (SLU) F -Y	SLU L	N	1.30	1.30	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.00	0.00	1.00	1.50	0.00	-1.00
69	CC 69 - Amb. 5 (SLE R) F X	SLE R L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	0.00
70	CC 70 - Amb. 5 (SLE R) F -X	SLE R L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	-1.00	0.00
71	CC 71 - Amb. 5 (SLE R) F Y	SLE R L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	1.00
72	CC 72 - Amb. 5 (SLE R) F -Y	SLE R L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	0.00	-1.00
73	CC 73 - Amb. 5 (SLE F) F X	SLE F L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	1.00	1.00	1.00	0.00
74	CC 74 - Amb. 5 (SLE F) F -X	SLE F L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	1.00	1.00	-1.00	0.00
75	CC 75 - Amb. 5 (SLE F) F Y	SLE F L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	1.00	1.00	0.00	1.00
76	CC 76 - Amb. 5 (SLE F) F -Y	SLE F L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	1.00	1.00	0.00	-1.00
77	CC 77 - Amb. 5 (SLE Q) F X	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
78	CC 78 - Amb. 5 (SLE Q) F -X	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
79	CC 79 - Amb. 5 (SLE Q) F Y	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
80	CC 80 - Amb. 5 (SLE Q) F -Y	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
81	CC 81 - Amb. 6 (SLU) F X	SLU L	N	1.30	1.30	0.00	0.00	1.35	0.00	0.00	0.00	0.00	1.35	0.00	1.00	1.50	1.00	0.00
82	CC 82 - Amb. 6 (SLU) F -X	SLU L	N	1.30	1.30	0.00	0.00	1.35	0.00	0.00	0.00	0.00	1.35	0.00	1.00	1.50	-1.00	0.00
83	CC 83 - Amb. 6 (SLU) F Y	SLU L	N	1.30	1.30	0.00	0.00	1.35	0.00	0.00	0.00	0.00	1.35	0.00	1.00	1.50	0.00	1.00
84	CC 84 - Amb. 6 (SLU) F -Y	SLU L	N	1.30	1.30	0.00	0.00	1.35	0.00	0.00	0.00	0.00	1.35	0.00	1.00	1.50	0.00	-1.00
85	CC 85 - Amb. 6 (SLE R) F X	SLE R L	N	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	1.00	0.00
86	CC 86 - Amb. 6 (SLE R) F -X	SLE R L	N	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	-1.00	0.00
87	CC 87 - Amb. 6 (SLE R) F Y	SLE R L	N	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00
88	CC 88 - Amb. 6 (SLE R) F -Y	SLE R L	N	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	-1.00
89	CC 89 - Amb. 6 (SLE F) F X	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.75	0.00	1.00	1.00	1.00	0.00
90	CC 90 - Amb. 6 (SLE F) F -X	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.75	0.00	1.00	1.00	-1.00	0.00
91	CC 91 - Amb. 6 (SLE F) F Y	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.75	0.00	1.00	1.00	0.00	1.00
92	CC 92 - Amb. 6 (SLE F) F -Y	SLE F L	N	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.75	0.00	1.00	1.00	0.00	-1.00
93	CC 93 - Amb. 6 (SLE Q) F X	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00
94	CC 94 - Amb. 6 (SLE Q) F -X	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	-1.00	0.00
95	CC 95 - Amb. 6 (SLE Q) F Y	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	1.00
96	CC 96 - Amb. 6 (SLE Q) F -Y	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	-1.00
97	CC 97 - Amb. 7 (SLU)	SLU L	N	1.30	1.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.50	0.00	0.00
98	CC 98 - Amb. 7 (SLE R)	SLE R L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00
99	CC 99 - Amb. 7 (SLE F)	SLE F L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00
100	CC 100 - Amb. 7 (SLE Q)	SLE Q L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00

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 <kg>	Fx <kg>	Fy <kg>	Nodo	Peso <kg>	Fx <kg>	Fy <kg>	Nodo	Peso <kg>	Fx <kg>	Fy <kg>	Nodo	Peso <kg>	Fx <kg>	Fy <kg>
-752	61.50	0.61	0.61	-751	74.36	0.74	0.74	-750	69.19	0.69	0.69	-749	61.50	0.61	0.61
-748	59.06	0.59	0.59	-747	57.19	0.57	0.57	-746	59.06	0.59	0.59	-745	59.06	0.59	0.59
-726	59.06	0.59	0.59	-725	59.06	0.59	0.59	-724	57.19	0.57	0.57	-719	61.50	0.61	0.61
-718	131.57	1.32	1.32	-717	169.74	1.70	1.70	-716	138.38	1.38	1.38	-712	174.00	1.74	1.74
-711	138.38	1.38	1.38	-710	110.70	1.11	1.11	-707	179.55	1.80	1.80	-706	205.20	2.05	2.05
-705	179.55	1.80	1.80	-704	128.25	1.28	1.28	-703	103.89	1.04	1.04	-702	129.15	1.29	1.29
-701	106.65	1.07	1.07	-698	154.66	1.55	1.55	-697	148.01	1.48	1.48	-696	69.19	0.69	0.69
-691	64.34	0.64	0.64	-690	66.45	0.66	0.66	-689	66.45	0.66	0.66	-670	66.45	0.66	0.66
-669	66.45	0.66	0.66	-668	64.34	0.64	0.64	-667	66.45	0.66	0.66	-666	69.19	0.69	0.69
-665	92.39	0.92	0.92	-662	201.99	2.02	2.02	-661	230.85	2.31	2.31	-660	201.99	2.02	2.02
-659	144.28	1.44	1.44	-658	116.88	1.17	1.17	-657	145.29	1.45	1.45	-656	119.98	1.20	1.20
-643	88.59	0.89	0.89	-642	88.59	0.89	0.89	-641	85.78	0.86	0.86	-640	88.59	0.89	0.89
-639	92.25	0.92	0.92	-635	88.59	0.89	0.89	-634	88.59	0.89	0.89	-633	85.78	0.86	0.86
-632	88.59	0.89	0.89	-631	92.25	0.92	0.92	-630	128.17	1.28	1.28	-629	120.77	1.21	1.21
-627	153.98	1.54	1.54	-626	164.25	1.64	1.64	-625	82.13	0.82	0.82	-623	203.79	2.04	2.04
-622	155.84	1.56	1.56	-621	140.06	1.40	1.40	-620	196.52	1.97	1.97	-619	160.21	1.60	1.60
-618	189.19	1.89	1.89	-617	160.21	1.60	1.60	-616	160.45	1.60	1.60	-615	187.33	1.87	1.87
-614	187.33	1.87	1.87	-613	214.09	2.14	2.14	-612	187.33	1.87	1.87	-611	133.81	1.34	1.34
-610	160.57	1.61	1.61	-609	160.57	1.61	1.61	-608	117.61	1.18	1.18	-607	149.53	1.50	1.50
-606	108.01	1.08	1.08	-605	131.57	1.32	1.32	-604	178.84	1.79	1.79	-603	102.09	1.02	1.02
-602	163.27	1.63	1.63	-601	102.09	1.02	1.02	-600	3148.72	31.49	31.49	-599	3179.55	31.80	31.80
-598	179.55	1.80	1.80	-597	205.20	2.05	2.05	-596	179.55	1.80	1.80	-595	128.25	1.28	1.28
-594	3153.90	31.54	31.54	-593	3153.90	31.54	31.54	-592	106.65	1.07	1.07	-591	129.15	1.29	1.29
-590	103.89	1.04	1.04	-573	12246.70	122.47	122.47	-572	257.77	2.58	2.58	-570	123.93	1.24	1.24
-566	336.66	3.37	3.37	-565	384.75	3.85	3.85	-564	336.66	3.37	3.37	-563	240.47	2.40	2.40
-560	199.97	2.00	2.00	-559	242.16	2.42	2.42	-558	194.80	1.95	1.95	-557	263.14	2.63	2.63
-556	274.95	2.75	2.75	-554	132.19	1.32	1.32	-552	2922.45	29.22	29.22	-551	2984.10	29.84	29.84
-550	359.10	3.59	3.59	-549	410.40	4.10	4.10	-548	359.10	3.59	3.59	-547	256.50	2.56	2.56
-546	2932.80	29.33	29.33	-545	2932.80	29.33	29.33	-544	213.30	2.13	2.13	-543	258.30	2.58	2.58
-542	207.79	2.08	2.08	-541	131.57	1.32	1.32	-540	137.47	1.37	1.37	-538	66.09	0.66	0.66
-536	3148.72	31.49	31.49	-535	3179.55	31.80	31.80	-534	179.55	1.80	1.80	-533	205.20	2.05	2.05
-532	179.55	1.80	1.80	-531	128.25	1.28	1.28	-530	3153.90	31.54	31.54	-529	3153.90	31.54	31.54
-528	102.94	1.03	1.03	-527	76.39	0.76	0.76	-526	92.64	0.93	0.93	-509	12230.20	122.30	122.30
-508	306.15	3.06	3.06	-507	205.88	2.06	2.06	-506	293.77	2.94	2.94	-505	205.88	2.06	2.06
-502	314.21	3.14	3.14	-501	359.10	3.59	3.59	-500	314.21	3.14	3.14	-499	224.44	2.24	2.24

-496	133.88	1.34	1.34	-494	96.76	0.97	0.97	-493	172.95	1.73	1.73	-492	238.96	2.39	2.39
-491	194.80	1.95	1.95	-490	232.69	2.33	2.33	-489	194.80	1.95	1.95	-488	197.63	1.98	1.98
-487	232.21	2.32	2.32	-486	232.21	2.32	2.32	-485	265.39	2.65	2.65	-484	232.21	2.32	2.32
-483	165.87	1.66	1.66	-482	199.04	1.99	1.99	-481	199.04	1.99	1.99	-480	133.02	1.33	1.33
-479	96.76	0.97	0.97	-478	110.59	1.11	1.11	-477	130.69	1.31	1.31	-476	141.45	1.41	1.41
-475	115.31	1.15	1.15	-474	166.05	1.66	1.66	-473	115.31	1.15	1.15	-472	99.94	1.00	1.00
-471	107.63	1.08	1.08	-470	107.63	1.08	1.08	-469	123.00	1.23	1.23	-468	107.63	1.08	1.08
-467	76.88	0.77	0.77	-466	92.25	0.92	0.92	-465	92.25	0.92	0.92	-464	76.88	0.77	0.77
-463	107.63	1.08	1.08	-462	107.63	1.08	1.08	-461	61.50	0.61	0.61	-460	61.50	0.61	0.61
-459	61.50	0.61	0.61	-455	115.31	1.15	1.15	-454	115.31	1.15	1.15	-453	115.31	1.15	1.15
-452	123.00	1.23	1.23	-451	123.00	1.23	1.23	-450	123.00	1.23	1.23	-449	61.50	0.61	0.61
-448	61.50	0.61	0.61	-447	61.50	0.61	0.61	-443	107.63	1.08	1.08	-442	107.63	1.08	1.08
-441	107.63	1.08	1.08	-440	146.06	1.46	1.46	-439	141.45	1.41	1.41	-438	115.31	1.15	1.15
-437	181.43	1.81	1.81	-436	115.31	1.15	1.15	-435	99.94	1.00	1.00	-434	107.63	1.08	1.08
-433	107.63	1.08	1.08	-432	123.00	1.23	1.23	-431	107.63	1.08	1.08	-430	76.88	0.77	0.77
-429	92.25	0.92	0.92	-428	92.25	0.92	0.92	-427	76.88	0.77	0.77	-426	107.63	1.08	1.08
-425	123.00	1.23	1.23	-412	110.74	1.11	1.11	-411	95.98	0.96	0.96	-410	103.36	1.03	1.03
-409	103.36	1.03	1.03	-408	118.13	1.18	1.18	-407	103.36	1.03	1.03	-406	73.83	0.74	0.74
-405	88.59	0.89	0.89	-404	88.59	0.89	0.89	-403	73.83	0.74	0.74	-402	103.36	1.03	1.03
-401	103.36	1.03	1.03	-396	59.06	0.59	0.59	-386	110.74	1.11	1.11	-381	118.13	1.18	1.18
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-355	73.83	0.74	0.74	-354	88.59	0.89	0.89	-353	88.59	0.89	0.89	-352	73.83	0.74	0.74
-351	103.36	1.03	1.03	-350	118.13	1.18	1.18	-341	100.08	1.00	1.00	-340	107.23	1.07	1.07
-339	92.93	0.93	0.93	-338	100.08	1.00	1.00	-337	100.08	1.00	1.00	-336	114.38	1.14	1.14
-335	100.08	1.00	1.00	-334	71.48	0.71	0.71	-333	85.78	0.86	0.86	-332	85.78	0.86	0.86
-331	71.48	0.71	0.71	-330	100.08	1.00	1.00	-329	100.08	1.00	1.00	-328	57.19	0.57	0.57
-327	57.19	0.57	0.57	-324	107.23	1.07	1.07	-323	107.23	1.07	1.07	-322	114.38	1.14	1.14
-321	114.38	1.14	1.14	-320	57.19	0.57	0.57	-319	57.19	0.57	0.57	-316	100.08	1.00	1.00
-315	100.08	1.00	1.00	-314	114.38	1.14	1.14	-313	107.23	1.07	1.07	-312	92.93	0.93	0.93
-311	100.08	1.00	1.00	-310	100.08	1.00	1.00	-309	114.38	1.14	1.14	-308	100.08	1.00	1.00
-307	71.48	0.71	0.71	-306	85.78	0.86	0.86	-305	85.78	0.86	0.86	-304	71.48	0.71	0.71
-303	100.08	1.00	1.00	-302	114.38	1.14	1.14	-301	103.36	1.03	1.03	-300	110.74	1.11	1.11
-299	95.98	0.96	0.96	-298	103.36	1.03	1.03	-297	103.36	1.03	1.03	-296	118.13	1.18	1.18
-295	103.36	1.03	1.03	-294	73.83	0.74	0.74	-293	88.59	0.89	0.89	-292	88.59	0.89	0.89
-291	73.83	0.74	0.74	-290	103.36	1.03	1.03	-289	103.36	1.03	1.03	-288	59.06	0.59	0.59
-287	59.06	0.59	0.59	-284	110.74	1.11	1.11	-283	110.74	1.11	1.11	-282	118.13	1.18	1.18
-281	118.13	1.18	1.18	-280	59.06	0.59	0.59	-279	59.06	0.59	0.59	-276	103.36	1.03	1.03
-275	103.36	1.03	1.03	-274	118.13	1.18	1.18	-273	110.74	1.11	1.11	-272	95.98	0.96	0.96
-271	103.36	1.03	1.03	-270	103.36	1.03	1.03	-269	118.13	1.18	1.18	-268	103.36	1.03	1.03
-267	73.83	0.74	0.74	-266	88.59	0.89	0.89	-265	88.59	0.89	0.89	-264	73.83	0.74	0.74
-263	103.36	1.03	1.03	-262	118.13	1.18	1.18	-261	103.36	1.03	1.03	-260	110.74	1.11	1.11
-259	95.98	0.96	0.96	-258	103.36	1.03	1.03	-257	103.36	1.03	1.03	-256	118.13	1.18	1.18
-255	103.36	1.03	1.03	-254	73.83	0.74	0.74	-253	88.59	0.89	0.89	-252	88.59	0.89	0.89
-251	73.83	0.74	0.74	-250	103.36	1.03	1.03	-249	103.36	1.03	1.03	-248	59.06	0.59	0.59
-247	59.06	0.59	0.59	-244	110.74	1.11	1.11	-243	110.74	1.11	1.11	-242	118.13	1.18	1.18
-241	118.13	1.18	1.18	-240	59.06	0.59	0.59	-239	59.06	0.59	0.59	-236	103.36	1.03	1.03
-235	103.36	1.03	1.03	-234	118.13	1.18	1.18	-233	110.74	1.11	1.11	-232	95.98	0.96	0.96
-231	103.36	1.03	1.03	-230	103.36	1.03	1.03	-229	118.13	1.18	1.18	-228	103.36	1.03	1.03
-227	73.83	0.74	0.74	-226	88.59	0.89	0.89	-225	88.59	0.89	0.89	-224	73.83	0.74	0.74
-223	103.36	1.03	1.03	-222	118.13	1.18	1.18	1	2519.32	25.19	25.19	2	3548.14	35.48	35.48
3	3548.14	35.48	35.48	4	2519.32	25.19	25.19	5	2538.56	25.39	25.39	6	903.90	9.04	9.04
7	903.90	9.04	9.04	8	2538.56	25.39	25.39	9	2564.21	25.64	25.64	10	3576.99	35.77	35.77
11	3542.31	35.42	35.42	12	2510.27	25.10	25.10	13	2586.66	25.87	25.87	14	929.55	9.30	9.30
15	898.73	8.99	8.99	16	2528.86	25.29	25.29								

Mappe sollecitazioni

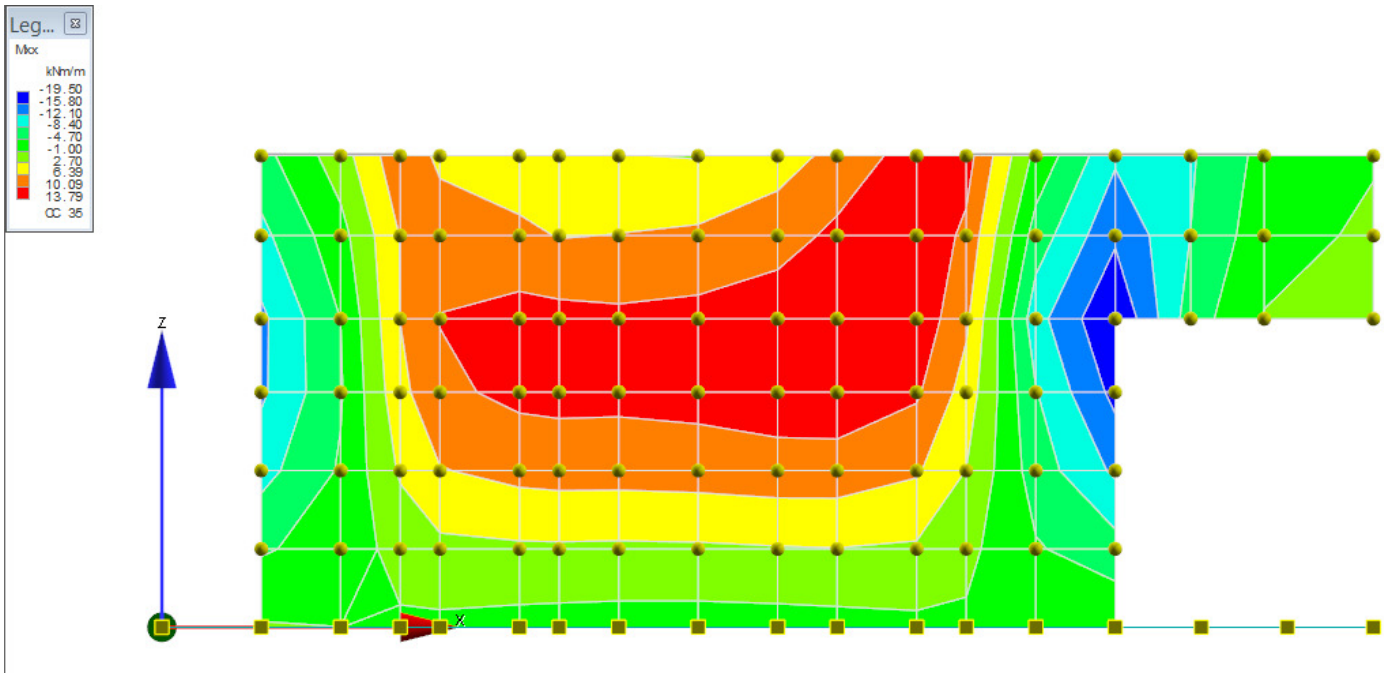
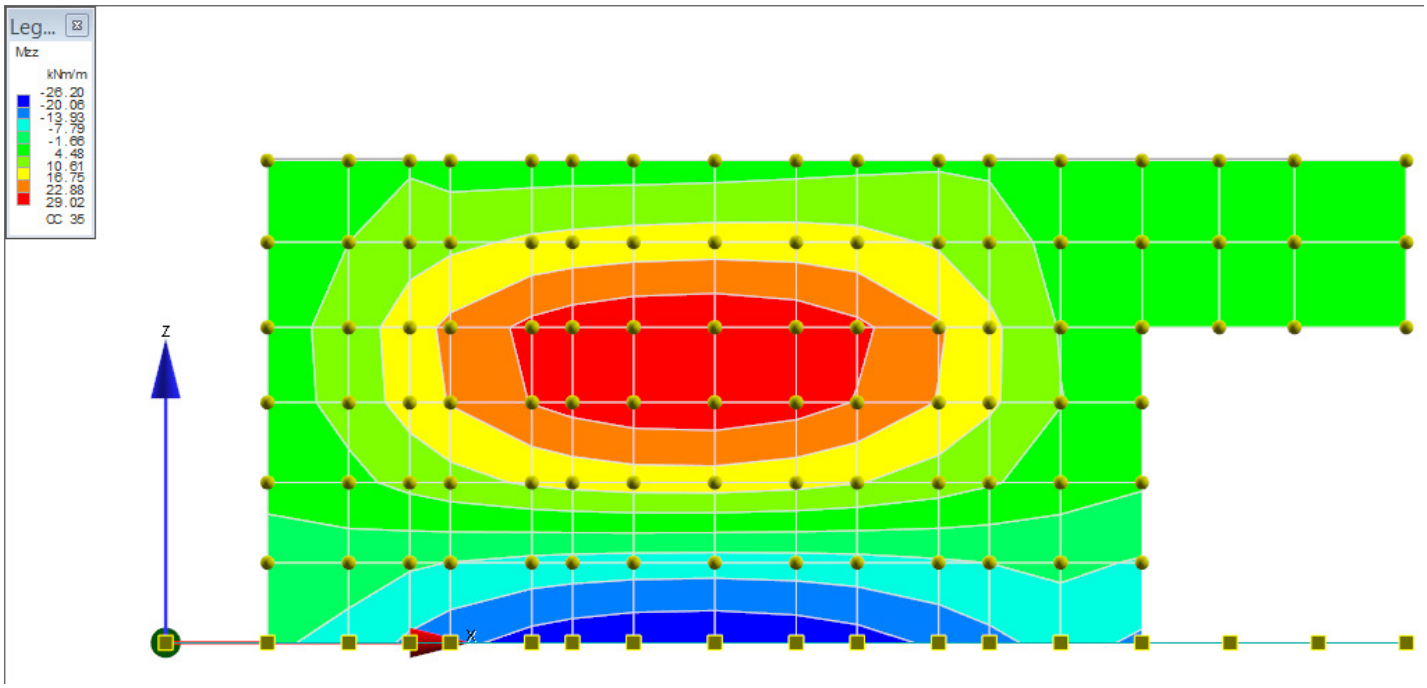


Diagramma Momento Flettente Mxx parete maggiormente sollecitata



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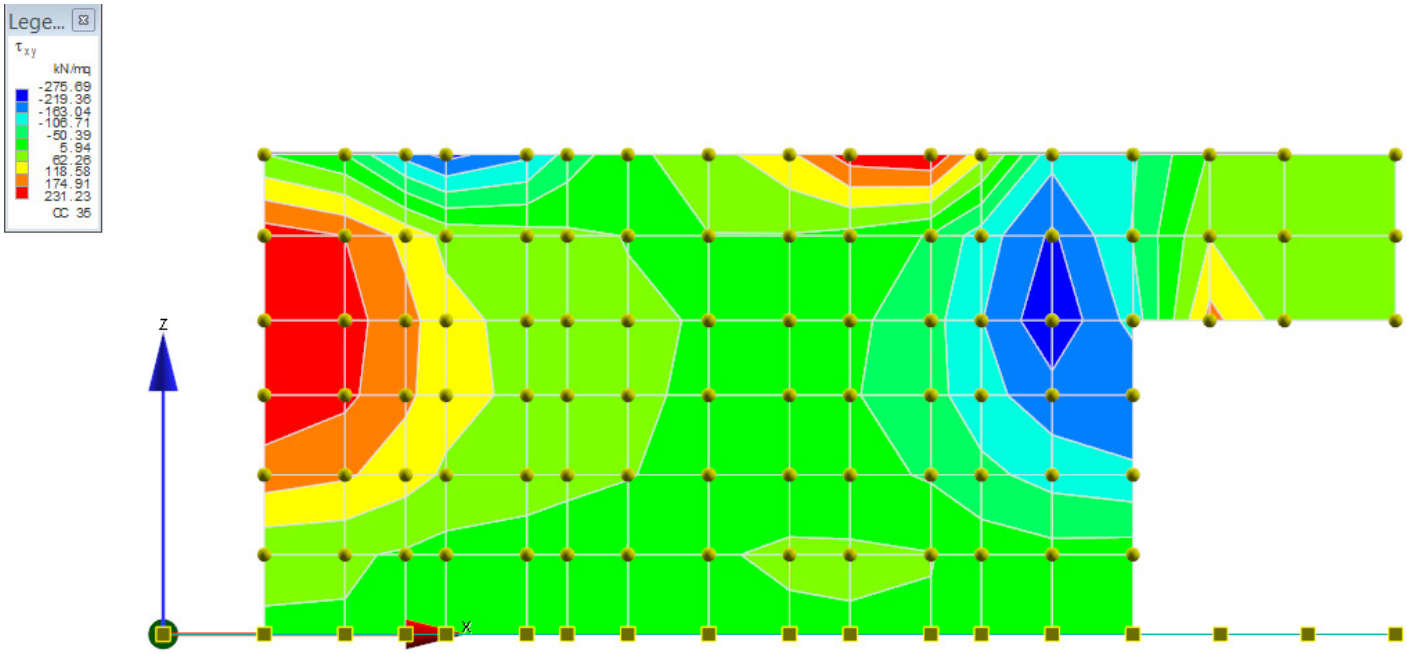

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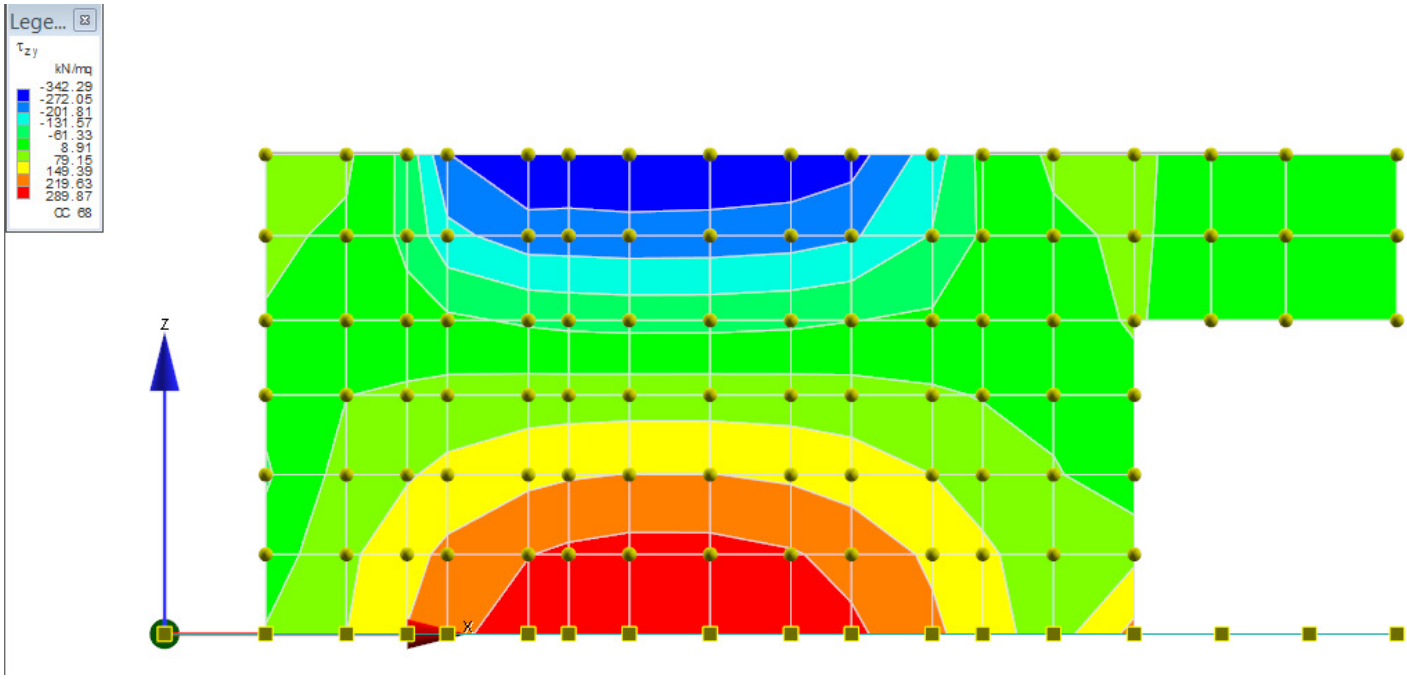

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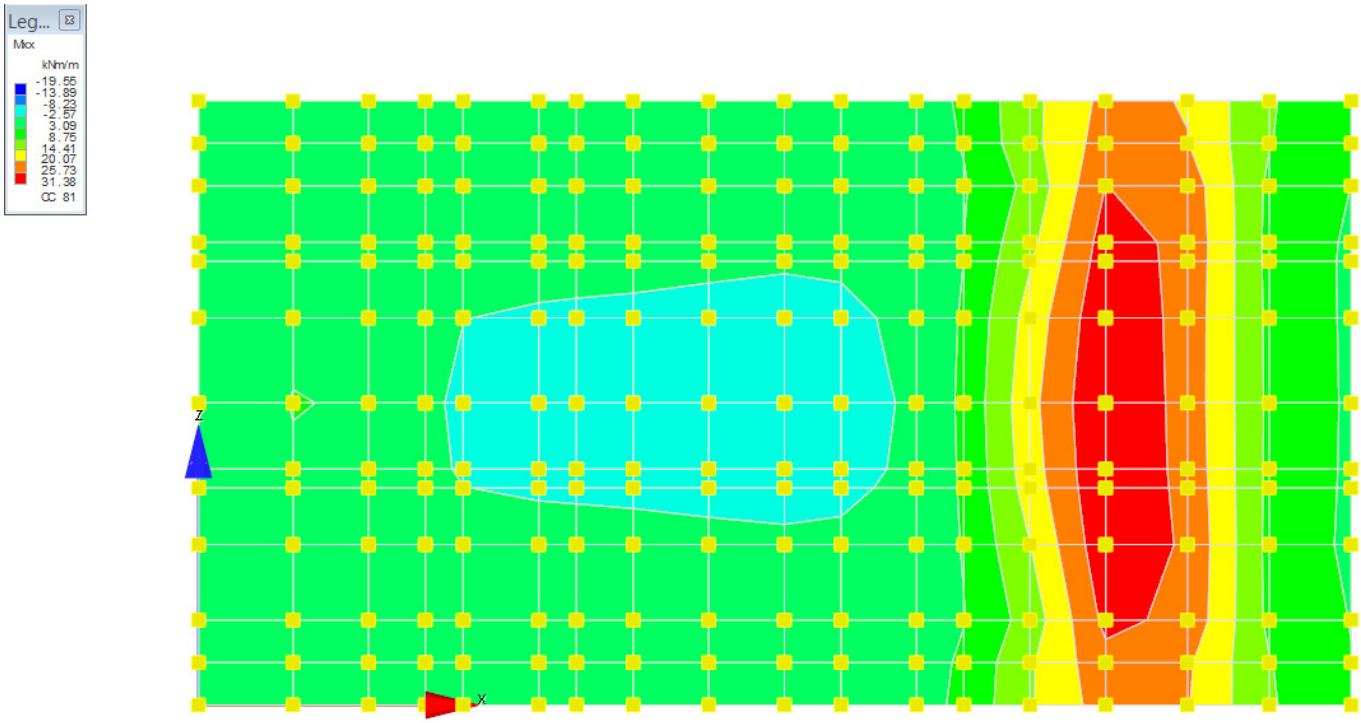
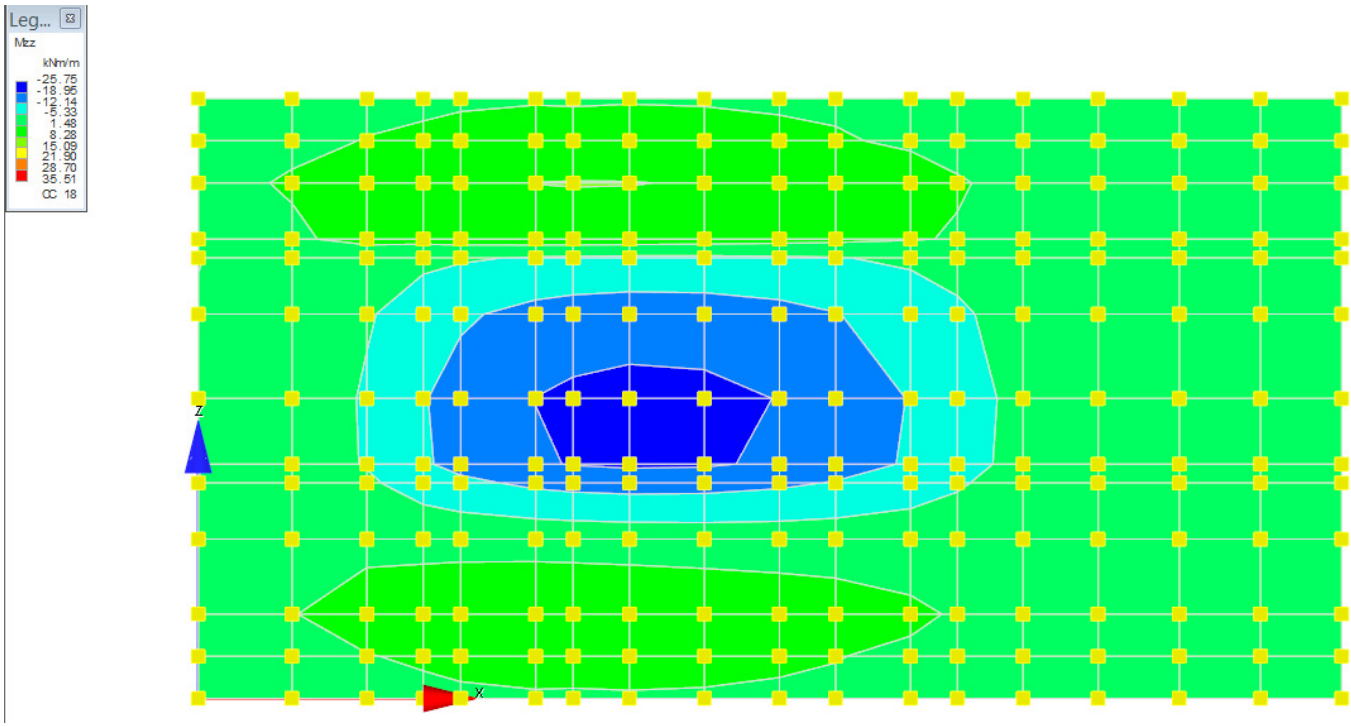


Diagramma Momento Flettente Mxx platea



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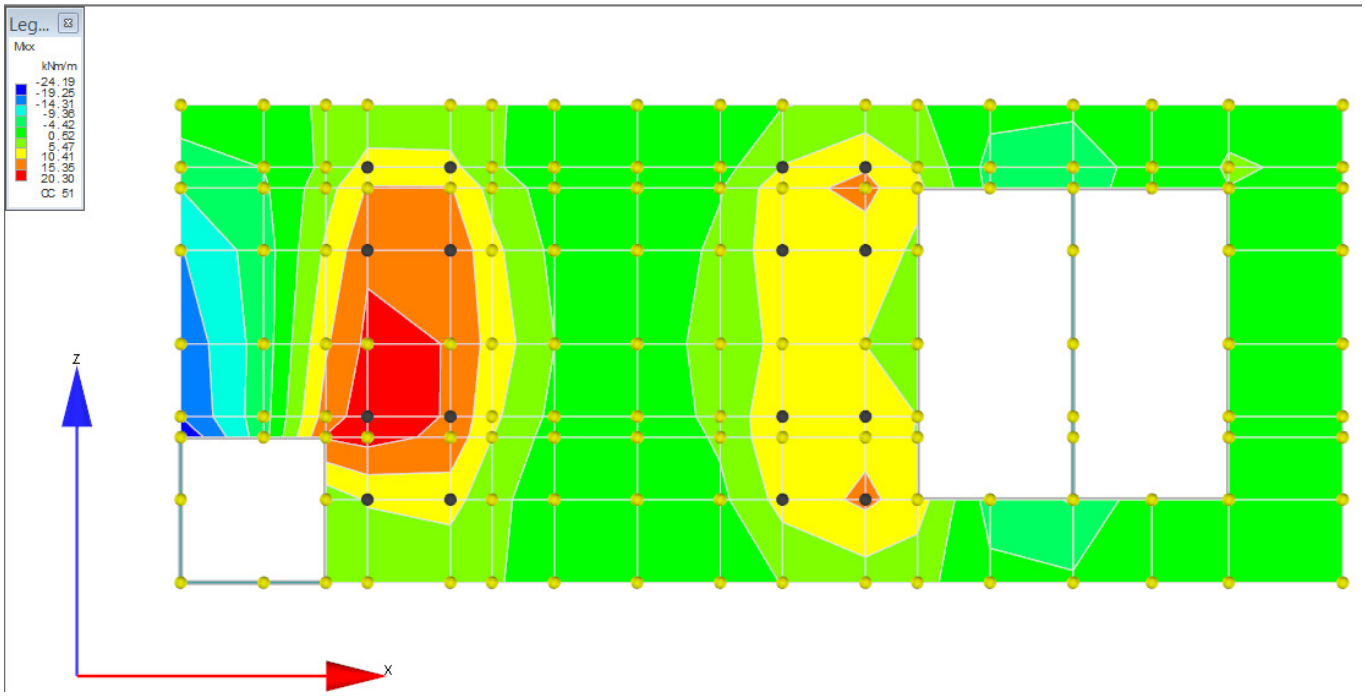

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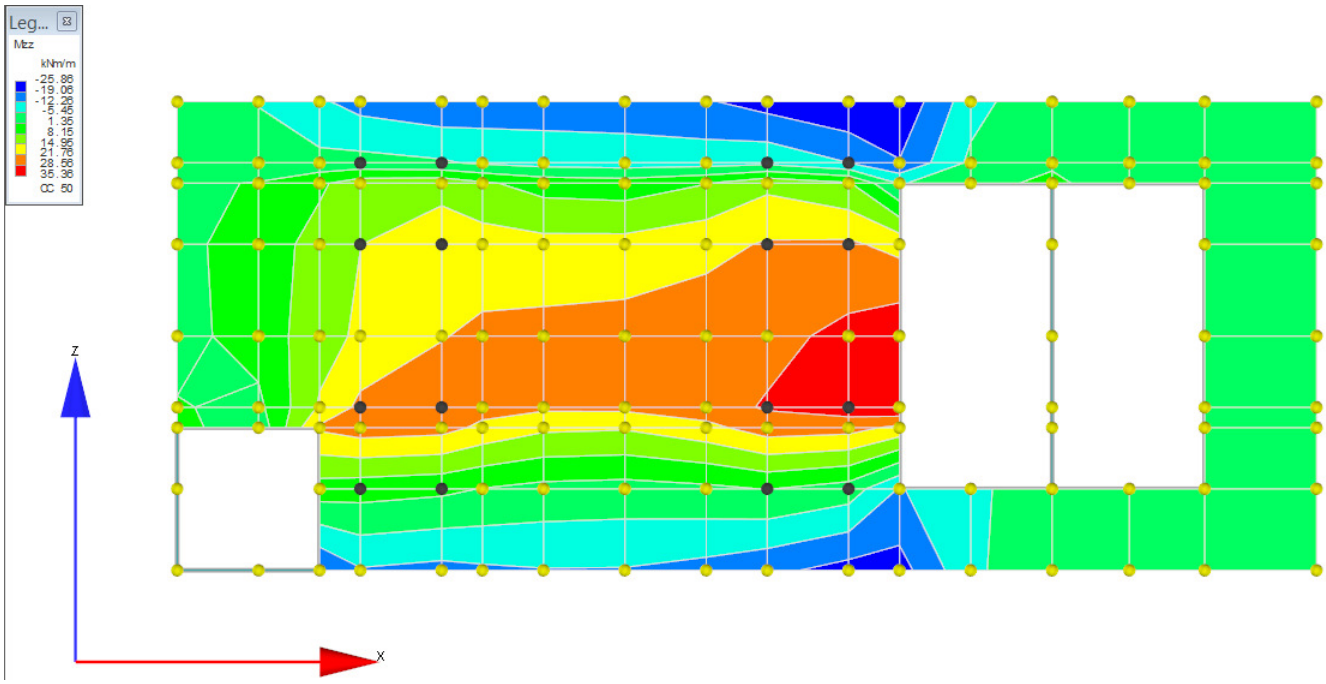

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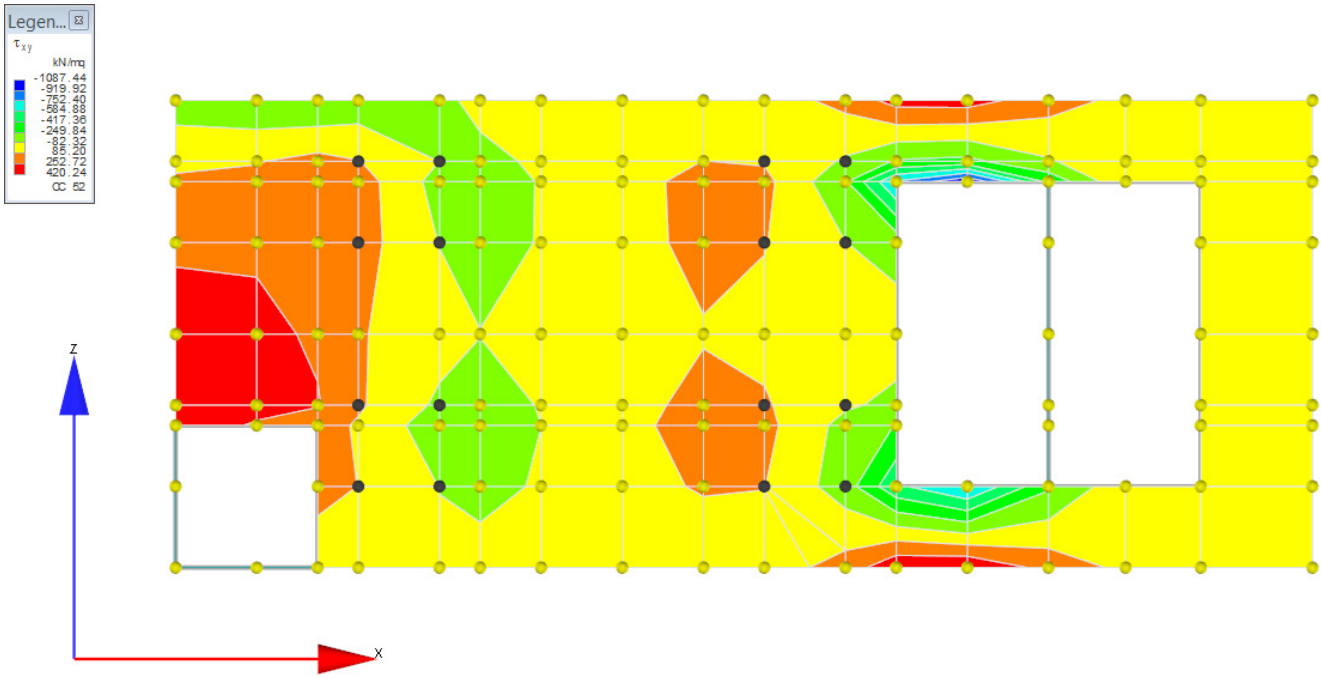

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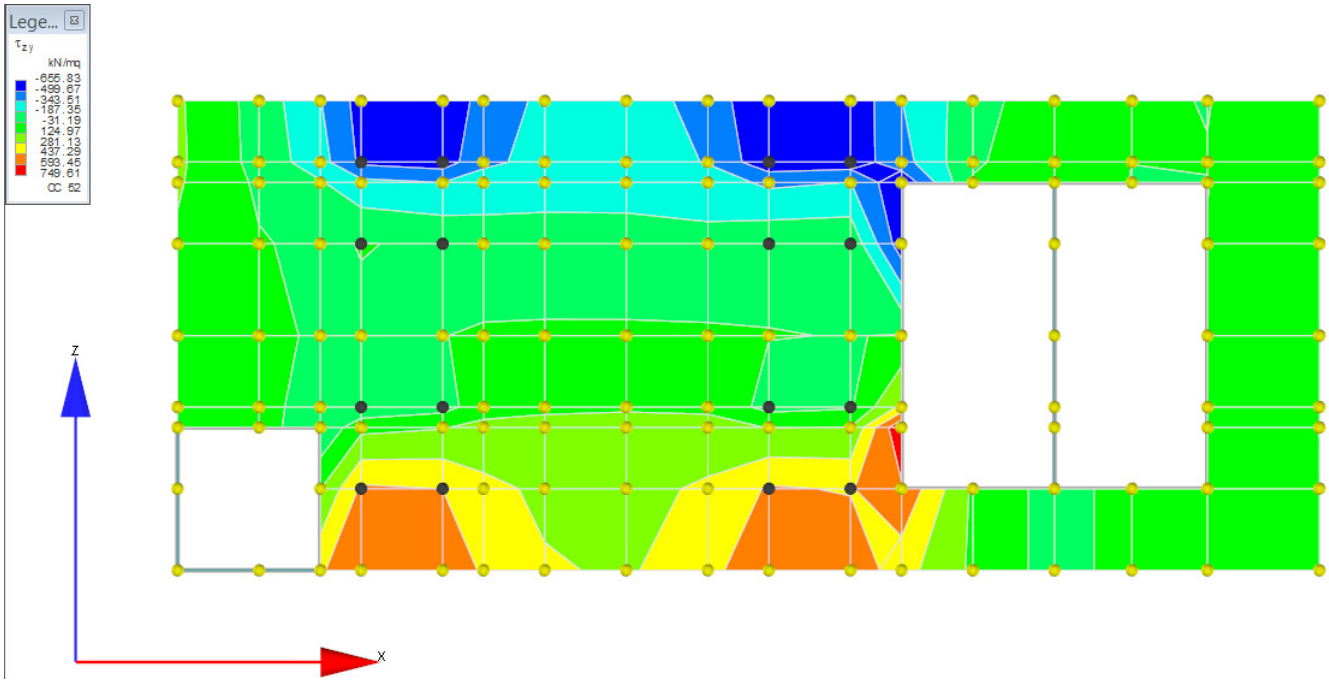

Diagramma Taglio Tzy soletta

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 <kg/cmq>	CC	Nodo	σ_t <kg/cmq>	CC	Nodo	σ_t <kg/cmq>	CC	Nodo	σ_t <kg/cmq>	CC	Nodo	σ_t <kg/cmq>	CC
-744 Max	1.38	51	-744 Min.	0.38	88	-743 Max	1.32	51	-743 Min.	0.40	88	-742 Max	1.26	51
-742 Min.	0.41	88	-741 Max	1.22	51	-741 Min.	0.42	88	-740 Max	1.19	35	-740 Min.	0.43	88
-739 Max	1.16	35	-739 Min.	0.44	88	-738 Max	1.15	35	-738 Min.	0.44	16	-737 Max	1.13	35
-737 Min.	0.42	16	-736 Max	1.10	35	-736 Min.	0.40	16	-735 Max	1.07	35	-735 Min.	0.38	16
-734 Max	1.05	35	-734 Min.	0.37	16	-733 Max	1.02	35	-733 Min.	0.35	16	-732 Max	1.00	35
-732 Min.	0.34	16	-731 Max	0.98	35	-731 Min.	0.32	16	-730 Max	0.82	35	-730 Min.	0.23	16
-729 Max	0.86	35	-729 Min.	0.25	16	-728 Max	0.91	35	-728 Min.	0.28	16	-727 Max	0.95	35
-727 Min.	0.30	16	-723 Max	0.95	35	-723 Min.	0.30	16	-722 Max	0.92	35	-722 Min.	0.28	16
-721 Max	0.89	35	-721 Min.	0.26	16	-720 Max	0.86	35	-720 Min.	0.23	16	-695 Max	0.88	81
-695 Min.	0.08	6	-694 Max	0.83	81	-694 Min.	0.11	6	-693 Max	0.79	81	-693 Min.	0.13	6
-692 Max	0.76	84	-692 Min.	0.15	7	-688 Max	0.79	81	-688 Min.	0.08	6	-687 Max	0.79	81
-687 Min.	0.11	6	-686 Max	0.78	81	-686 Min.	0.13	6	-685 Max	0.76	84	-685 Min.	0.15	7
-684 Max	0.74	52	-684 Min.	0.17	7	-683 Max	0.78	52	-683 Min.	0.19	7	-682 Max	0.82	52
-682 Min.	0.20	7	-681 Max	0.87	52	-681 Min.	0.22	7	-680 Max	0.91	52	-680 Min.	0.24	7
-679 Max	0.97	52	-679 Min.	0.26	7	-678 Max	1.02	52	-678 Min.	0.28	7	-677 Max	1.06	52
-677 Min.	0.29	7	-676 Max	1.09	50	-676 Min.	0.30	5	-675 Max	1.15	50	-675 Min.	0.32	5
-674 Max	1.18	50	-674 Min.	0.33	5	-673 Max	1.23	50	-673 Min.	0.34	5	-672 Max	1.36	50
-672 Min.	0.39	5	-671 Max	1.29	50	-671 Min.	0.36	5	-653 Max	0.79	52	-653 Min.	-0.03	3
-651 Max	0.78	52	-651 Min.	0.15	7	-650 Max	0.79	49	-650 Min.	0.34	14	-649 Max	0.80	51
-649 Min.	0.34	16	-647 Max	0.94	35	-647 Min.	0.34	16	-646 Max	1.45	35	-646 Min.	0.33	16
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-385 Min.	0.24	6	-384 Max	0.82	81	-384 Min.	0.26	6	-383 Max	0.78	81	-383 Min.	0.28	6
-382 Max	0.75	81	-382 Min.	0.31	6	-380 Max	0.88	81	-380 Min.	0.04	2	-379 Max	0.83	81
-379 Min.	0.07	2	-378 Max	0.80	84	-378 Min.	0.09	7	-377 Max	0.77	84	-377 Min.	0.11	7
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-368 Min.	-0.09	3	-367 Max	0.78	84	-367 Min.	-0.07	3	-365 Max	0.90	84	-365 Min.	-0.38	3
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-214 Max	1.52	35	-214 Min.	0.37	16	-213 Max	1.55	35	-213 Min.	0.39	16	-212 Max	1.58	35
-212 Min.	0.41	16	-211 Max	1.60	35	-211 Min.	0.43	88	-210 Max	1.61	35	-210 Min.	0.42	88
-209 Max	1.64	35	-209 Min.	0.41	88	-208 Max	1.66	35	-208 Min.	0.40	88	-207 Max	1.68	35
-207 Min.	0.39	88	-206 Max	1.71	35	-206 Min.	0.37	88	-205 Max	1.74	35	-205 Min.	0.36	88
-204 Max	1.13	35	-204 Min.	0.23	16	-203 Max	1.17	35	-203 Min.	0.25	16	-202 Max	1.22	35
-202 Min.	0.27	16	-201 Max	1.26	35	-201 Min.	0.29	16	-200 Max	1.29	35	-200 Min.	0.31	16
-199 Max	1.33	35	-199 Min.	0.34	16	-198 Max	1.36	35	-198 Min.	0.36	16	-197 Max	1.38	35
-197 Min.	0.38	16	-196 Max	1.41	35	-196 Min.	0.40	16	-195 Max	1.44	35	-195 Min.	0.42	16
-194 Max	1.46	35	-194 Min.	0.43	16	-193 Max	1.48	35	-193 Min.	0.43	88	-192 Max	1.51	35
-192 Min.	0.41	88	-191 Max	1.52	35	-191 Min.	0.41	88	-190 Max	1.55	35	-190 Min.	0.40	88
-189 Max	1.57	35	-189 Min.	0.38	88	-188 Max	1.61	35	-188 Min.	0.36	88	-187 Max	1.00	35
-187 Min.	0.23	16	-186 Max	1.04	35	-186 Min.	0.25	16	-185 Max	1.09	35	-185 Min.	0.27	16
-184 Max	1.13	35	-184 Min.	0.29	16	-183 Max	1.16	35	-183 Min.	0.31	16	-182 Max	1.20	35
-182 Min.	0.34	16	-181 Max	1.23	35	-181 Min.	0.36	16	-180 Max	1.25	35	-180 Min.	0.38	16
-179 Max	1.28	35	-179 Min.	0.40	16	-178 Max	1.31	35	-178 Min.	0.42	16	-177 Max	1.33	35
-177 Min.	0.43	16	-176 Max	1.34	35	-176 Min.	0.43	88	-175 Max	1.37	35	-175 Min.	0.42	88
-174 Max	1.39	35	-174 Min.	0.41	88	-173 Max	1.41	35	-173 Min.	0.40	88	-172 Max	1.44	35
-172 Min.	0.39	88	-171 Max	1.47	35	-171 Min.	0.37	88	-170 Max	0.77	83	-170 Min.	0.23	16
-169 Max	0.81	35	-169 Min.	0.25	16	-168 Max	0.85	35	-168 Min.	0.28	16	-167 Max	0.89	35
-167 Min.	0.30	16	-166 Max	0.92	35	-166 Min.	0.32	16	-165 Max	0.96	35	-165 Min.	0.35	16
-164 Max	0.99	35	-164 Min.	0.37	16	-163 Max	1.01	35	-163 Min.	0.38	16	-162 Max	1.04	35
-162 Min.	0.40	16	-161 Max	1.07	35	-161 Min.	0.42	16	-160 Max	1.10	51	-160 Min.	0.44	16
-159 Max	1.13	51	-159 Min.	0.45	88	-158 Max	1.18	51	-158 Min.	0.43	88	-157 Max	1.21	51
-157 Min.	0.43	88	-156 Max	1.25	51	-156 Min.	0.42	88	-155 Max	1.31	51	-155 Min.	0.40	88
-154 Max	1.38	50	-154 Min.	0.38	85	-136 Max	0.78	81	-136 Min.	0.23	14	-135 Max	0.77	81
-135 Min.	0.26	14	-134 Max	0.76	83	-134 Min.	0.28	16	-133 Max	0.74	83	-133 Min.	0.30	16
-132 Max	0.76	51	-132 Min.	0.32	16	-131 Max	0.84	51	-131 Min.	0.35	16	-130 Max	0.89	51
-130 Min.	0.37	16	-129 Max	0.93	51	-129 Min.	0.39	16	-128 Max	0.98	51	-128 Min.	0.41	16
-127 Max	1.04	51	-127 Min.	0.43	16	-126 Max	1.08	51	-126 Min.	0.44	16	-125 Max	1.11	51
-125 Min.	0.45	16	-124 Max	1.17	50	-124 Min.	0.44	85	-123 Max	1.20	50	-123 Min.	0.43	85
-122 Max	1.24	50	-122 Min.	0.42	85	-121 Max	1.30	50	-121 Min.	0.41	85	-120 Max	1.37	50
-120 Min.	0.39	85	-119 Max	0.79	81	-119 Min.	0.23	6	-118 Max	0.78	81	-118 Min.	0.25	6
-117 Max	0.77	81	-117 Min.	0.28	6	-116 Max	0.75	81	-116 Min.	0.30	6	-115 Max	0.74	49
-115 Min.	0.33	14	-114 Max	0.82	49	-114 Min.	0.36	14	-113 Max	0.87	49	-113 Min.	0.38	14
-112 Max	0.91	50	-112 Min.	0.39	13	-111 Max	0.97	50	-111 Min.	0.41	13	-110 Max	1.02	50

-110	Min.	0.43	13	-109	Max	1.07	50	-109	Min.	0.44	13	-108	Max	1.10	50	-108	Min.	0.45	13
-107	Max	1.16	50	-107	Min.	0.45	85	-106	Max	1.19	50	-106	Min.	0.44	85	-105	Max	1.23	50
-105	Min.	0.43	85	-104	Max	1.29	50	-104	Min.	0.42	85	-103	Max	1.36	50	-103	Min.	0.40	85
-102	Max	0.80	81	-102	Min.	0.04	2	-101	Max	0.79	81	-101	Min.	0.06	2	-100	Max	0.78	84
-100	Min.	0.09	3	-99	Max	0.76	84	-99	Min.	0.11	7	-98	Max	0.74	84	-98	Min.	0.13	7
-97	Max	0.82	52	-97	Min.	0.16	7	-96	Max	0.87	52	-96	Min.	0.18	7	-95	Max	0.91	52
-95	Min.	0.19	7	-94	Max	0.97	52	-94	Min.	0.21	7	-93	Max	1.02	52	-93	Min.	0.23	7
-92	Max	1.06	52	-92	Min.	0.25	7	-91	Max	1.09	52	-91	Min.	0.26	7	-90	Max	1.15	50
-90	Min.	0.28	5	-89	Max	1.18	50	-89	Min.	0.29	5	-88	Max	1.22	50	-88	Min.	0.30	5
-87	Max	1.28	50	-87	Min.	0.32	5	-86	Max	1.35	50	-86	Min.	0.34	5	-68	Max	0.81	84
-68	Min.	-0.13	3	-67	Max	0.80	84	-67	Min.	-0.11	3	-66	Max	0.79	84	-66	Min.	-0.09	3
-65	Max	0.78	84	-65	Min.	-0.07	3	-64	Max	0.75	84	-64	Min.	-0.05	3	-63	Max	0.82	52
-63	Min.	-0.01	3	-62	Max	0.87	52	-62	Min.	0.01	3	-61	Max	0.91	52	-61	Min.	0.03	3
-60	Max	0.97	52	-60	Min.	0.05	3	-59	Max	1.02	52	-59	Min.	0.07	3	-58	Max	1.07	52
-58	Min.	0.09	3	-57	Max	1.09	52	-57	Min.	0.10	3	-56	Max	1.15	52	-56	Min.	0.12	3
-55	Max	1.18	52	-55	Min.	0.13	3	-54	Max	1.22	52	-54	Min.	0.14	3	-53	Max	1.28	52
-53	Min.	0.17	3	-52	Max	1.35	50	-52	Min.	0.19	1	-51	Max	0.82	84	-51	Min.	-0.36	3
-50	Max	0.82	84	-50	Min.	-0.34	3	-49	Max	0.81	84	-49	Min.	-0.33	3	-48	Max	0.79	84
-48	Min.	-0.31	3	-47	Max	0.77	84	-47	Min.	-0.29	3	-46	Max	0.82	52	-46	Min.	-0.25	3
-45	Max	0.88	52	-45	Min.	-0.23	3	-44	Max	0.92	52	-44	Min.	-0.22	3	-43	Max	0.97	52
-43	Min.	-0.19	3	-42	Max	1.03	52	-42	Min.	-0.17	3	-41	Max	1.07	52	-41	Min.	-0.16	3
-40	Max	1.10	52	-40	Min.	-0.15	3	-39	Max	1.15	52	-39	Min.	-0.12	3	-38	Max	1.18	52
-38	Min.	-0.11	3	-37	Max	1.22	52	-37	Min.	-0.10	3	-36	Max	1.28	52	-36	Min.	-0.08	3
-35	Max	1.35	52	-35	Min.	-0.05	3	-34	Max	0.83	84	-34	Min.	-0.49	3	-33	Max	0.83	84
-33	Min.	-0.47	3	-32	Max	0.82	84	-32	Min.	-0.46	3	-31	Max	0.80	84	-31	Min.	-0.44	3
-30	Max	0.78	84	-30	Min.	-0.42	3	-29	Max	0.82	52	-29	Min.	-0.39	3	-28	Max	0.88	52
-28	Min.	-0.37	3	-27	Max	0.92	52	-27	Min.	-0.35	3	-26	Max	0.97	52	-26	Min.	-0.33	3
-25	Max	1.03	52	-25	Min.	-0.31	3	-24	Max	1.07	52	-24	Min.	-0.29	3	-23	Max	1.10	52
-23	Min.	-0.28	3	-22	Max	1.15	52	-22	Min.	-0.26	3	-21	Max	1.18	52	-21	Min.	-0.25	3
-20	Max	1.22	52	-20	Min.	-0.23	3	-19	Max	1.28	52	-19	Min.	-0.21	3	-18	Max	1.34	52
-18	Min.	-0.18	3	-17	Max	0.84	84	-17	Min.	-0.62	3	-16	Max	0.84	84	-16	Min.	-0.61	3
-15	Max	0.83	84	-15	Min.	-0.59	3	-14	Max	0.81	84	-14	Min.	-0.58	3	-13	Max	0.79	84
-13	Min.	-0.56	3	-12	Max	0.82	52	-12	Min.	-0.53	3	-11	Max	0.88	52	-11	Min.	-0.51	3
-10	Max	0.92	52	-10	Min.	-0.49	3	-9	Max	0.98	52	-9	Min.	-0.47	3	-8	Max	1.03	52
-8	Min.	-0.45	3	-7	Max	1.07	52	-7	Min.	-0.43	3	-6	Max	1.10	52	-6	Min.	-0.42	3
-5	Max	1.15	52	-5	Min.	-0.40	3	-4	Max	1.18	52	-4	Min.	-0.39	3	-3	Max	1.22	52
-3	Min.	-0.37	3	-2	Max	1.28	52	-2	Min.	-0.35	3	-1	Max	1.34	52	-1	Min.	-0.32	3

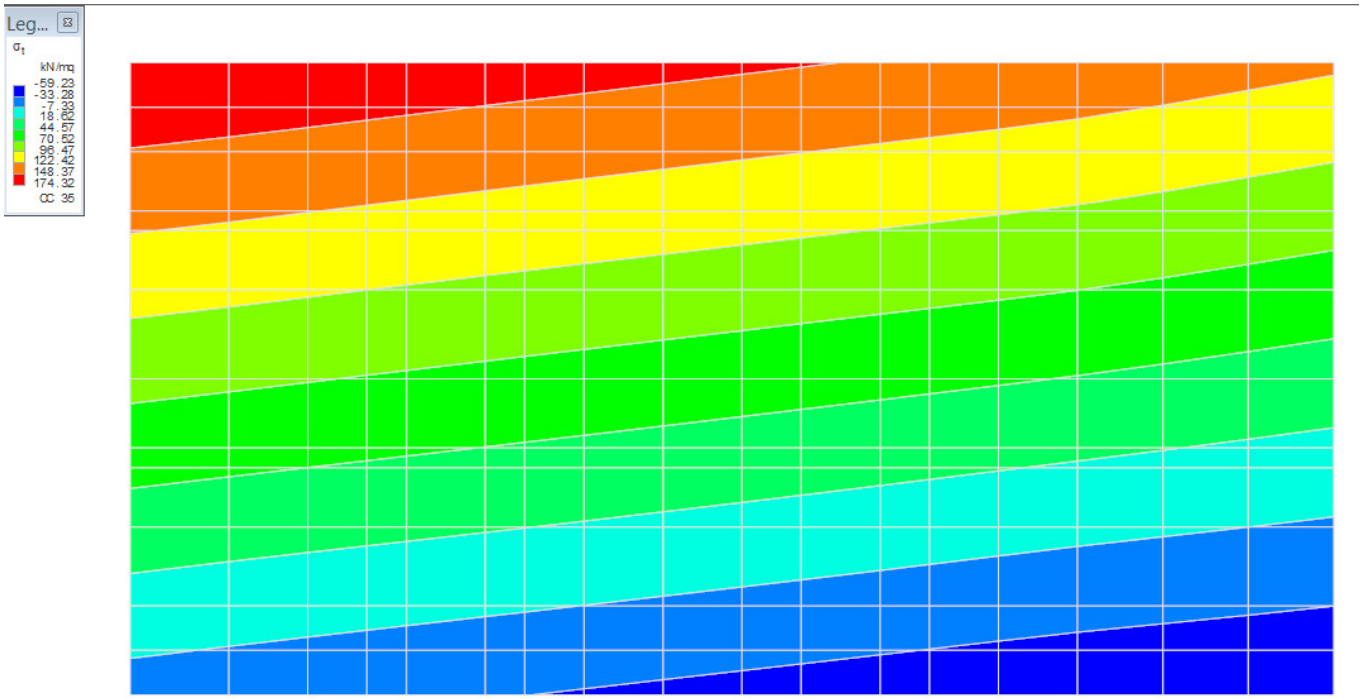


Diagramma Tensioni sul terreno

Criteri di progetto utilizzati

Sezioni Generiche

Generali

Stampe

Tipo di relazione Sintetica

3

Specifici

Materiali

Calcestruzzo	
-Tipo di calcestruzzo	C25/30
-Rck calcestruzzo <kg/cmq>	300.00
-Modulo elastico <kg/cmq>	314472.00
-Resistenza caratteristica cilindrica (Fck) <kg/cmq>	249.00
-Resistenza caratteristica a trazione (Fctk) <kg/cmq>	17.91
-Riduci Fcd per tutte le verifiche secondo il D.M. 08	Si
-γ_c per stati limite ultimi	
-Automatico	x
-Pari a	
-σ amm. calcestruzzo <kg/cmq>	97.50
-τc0 <kg/cmq>	6.00
-τc1 <kg/cmq>	18.30
Acciaio	
-D.M. 92/96	
-Tipo di acciaio (Fe B 22÷44 k)	44
-Modulo elastico <kg/cmq>	2.06E+006
-Tensione caratteristica di snervamento (Fyk) <kg/cmq>	4300.00
-Sigma amm. acciaio <kg/cmq>	2600.00
-Sigma amm. reti e tralicci <kg/cmq>	2600.00
-D.M. 08	
-Tipo di acciaio (B450A÷B450C)	B450C
-Modulo elastico <kg/cmq>	2.06E+006
-Tensione caratteristica di snervamento (Fyk) <kg/cmq>	4500.00
-γ_s per stati limite ultimi	
-Automatico	x
-Pari a	
Coeff. di omogeneizzazione	15.00

Posizione barre e normativa

Copriferro reale al bordo staffa <cm>	3.00
Diametro staffa teorica <mm>	10.00
Distanza fra ferri su più strati <cm>	1.00
Verifica con barre in posizione teorica	Si
-Copriferro <cm>	3.50
Normativa di riferimento	Si
-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	Si
-Considera My	Si
-Considera Mz	Si
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

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 x
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

Solette/Platee

Generali

Parametri di progetto

Controllo resistenza a taglio allo S.L.U. Si
Calcolo armature con metodo di Wood No
Accoppia pilastri per calcolo punzonamento Si
-Massima distanza come un moltiplicatore dello spessore 1.50

Parametri di disegno

Disposizione disegno 3A
Particolari nel disegno principale
-Eliminare le quotature No
-Eliminare le campiture No
-Eliminare la numerazione dei pilastri No
-Eliminare la numerazione delle travi e dei muri No
Particolari nei disegni secondari
-Eliminare le quotature Si
-Eliminare le campiture Si
-Eliminare la numerazione dei pilastri Si
-Eliminare la numerazione delle travi e dei muri Si
Disegno armatura diffusa No
Posizione particolari punzonamento In automatico
Copriferro per calcolo lunghezza ferri <cm> 3.50
Risvoltare al bordo i ferri
-Inferiori Si
-Superiori Si
Lunghezza risvolti ferri al bordo Pari all'altezza meno due volte il copriferro
Disegno particolare ferri al bordo Si
Scala disegno particolare ferri al bordo 20.00
Calcolo lunghezza ferri semplificato No

Stampe

Tipo di relazione Sintetica

1

Specifici

Materiali

Calcestruzzo
-Tipo di calcestruzzo C25/30
-Rck calcestruzzo <kg/cmq> 300.00
-Modulo elastico <kg/cmq> 314472.00
-Resistenza caratteristica cilindrica (Fck) <kg/cmq> 249.00
-Resistenza caratteristica a trazione (Fctk) <kg/cmq> 17.91
-Riduci Fcd per tutte le verifiche secondo il D.M. 08 Si
-γ_c per stati limite ultimi
-Automatico x
-Pari a
-σ amm. calcestruzzo <kg/cmq> 97.50
-τc0 <kg/cmq> 6.00
-τc1 <kg/cmq> 18.30
Acciaio
-D.M. 92/96
-Tipo di acciaio (Fe B 22÷44 k) 44
-Modulo elastico <kg/cmq> 2.06E+006
-Tensione caratteristica di snervamento (Fyk) <kg/cmq> 4300.00
-Sigma amm. acciaio <kg/cmq> 2600.00
-Sigma amm. reti e tralicci <kg/cmq> 2600.00
-D.M. 08

-Tipo di acciaio (B450A÷B450C)	B450C
-Modulo elastico <kg/cmq>	2.06E+006
-Tensione caratteristica di snervamento (Fyk) <kg/cmq>	4500.00
-γ_s per stati limite ultimi	
-Automatico	x
-Pari a	
Coeff. di omogeneizzazione	15.00

Armatura a flessione

Angolo d'armatura <grad>	0.00
Copriferro teorico superiore <cm>	3.00
Copriferro teorico inferiore <cm>	3.00
Tipo di progetto in doppia armatura	
-Tensione pari ai valori amm.	
-Tens. pari ai val. amm. con AfComp/AfTesa min. o pari	1.00
-Tens. pari ai val. amm. con AfComp/AfTesa pari a	
Min. percentuale di regolamento	
-Platee di fondazione su suolo elastico	Si
-Solette di elevazione	No
Controlla min. armatura di ripartizione	No
Elenco diametri utilizzabili 1 <mm>	10
Elenco diametri utilizzabili 2 <mm>	12
Elenco diametri utilizzabili 3 <mm>	14
Elenco diametri utilizzabili 4 <mm>	16
Elenco diametri utilizzabili 5 <mm>	
Elenco diametri utilizzabili 6 <mm>	
Elenco diametri utilizzabili 7 <mm>	
Passi utilizzabili	
-Minimo <cm>	15.00
-Massimo <cm>	30.00
-Incremento <cm>	5.00
Uniformizzazione interassi armatura	No
-Sempre	
-Nella stessa direzione	
-Nella stessa posizione	
Uniformizzazione diametri armatura	No
-Sempre	
-Nella stessa direzione	
-Nella stessa posizione	
Tipo di ottimizzazione armatura a flessione	
-Minimizza il numero dei ferri	
-Minimizza il peso complessivo dei ferri	x

Ancoraggi

Fattore di riduzione per ancoraggio ferri	1.00
Lunghezza ancoraggi armature	
-Calcolata in funzione della Sigmaf	x
-Imposta come multiplo del diametro	
Lunghezza ancoraggi ferri punzonamento	
-Calcolata in funzione della Sigmaf	x
-Imposta come multiplo del diametro	

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	
Incremento <%>	30.00
-Tutte le barre in trazione	

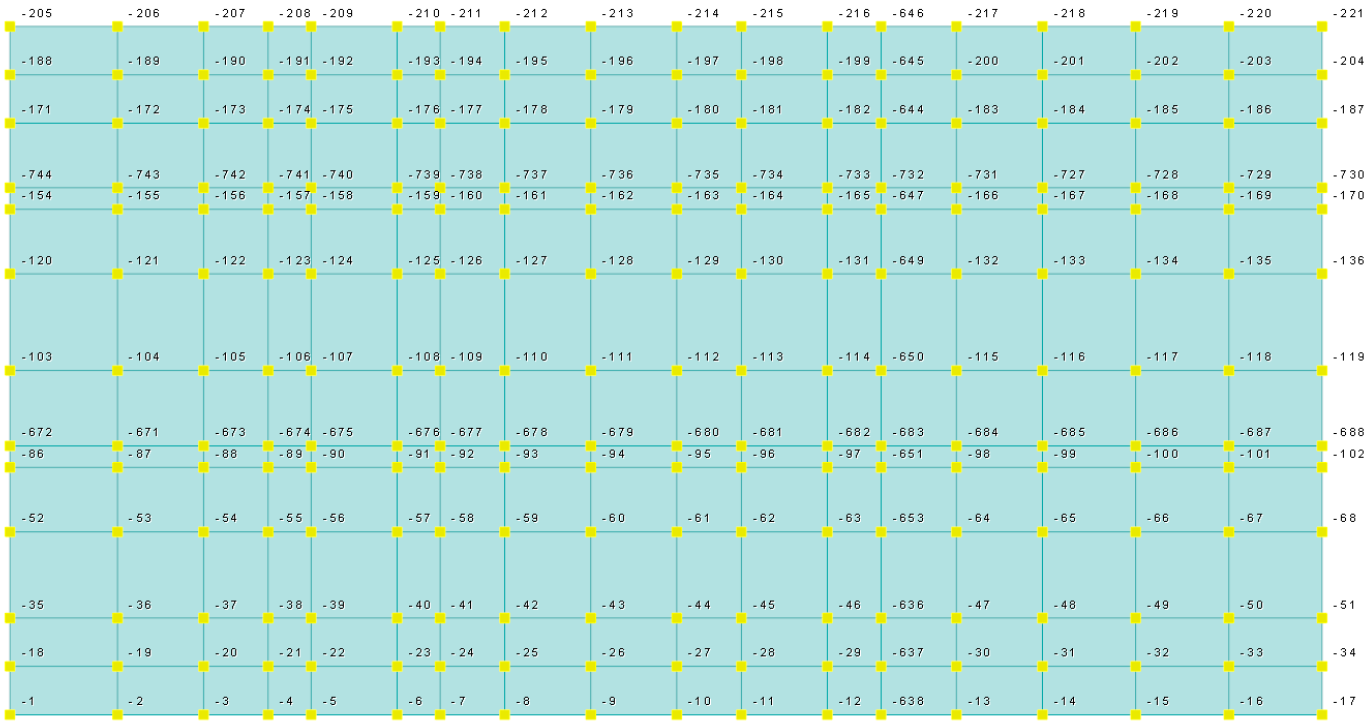
Verifiche e armature solette/platee

Simbologia

Nodo = Numero del nodo
X = Coordinata X del nodo
Y = Coordinata Y del nodo
DV = Direzione di verifica
XX = Verifica per momento Mxx
YY = Verifica per momento Myy
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

c = Ricoprimento dell'armatura
s = Distanza minima tra le barre
K3 = Coefficiente di forma del diagramma delle tensioni prima della fessurazione
s_{rm} = Distanza media tra le fessure
Φ = Diametro della barra
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
$A_{c\ eff}$ = Area di calcestruzzo efficace
σ_s = Tensione nell'acciaio nella sezione fessurata
σ_{sr} = Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
Wk = Apertura delle fessure
AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
Mom = Momento flettente
Mu = Momento ultimo
Sic. = Sicurezza a rottura
Vsdu = Taglio agente nella direzione del momento ultimo
Vrdu = Taglio ultimo assorbibile dal solo calcestruzzo
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro



n° nodi platea

Armatura platea a quota 0.00

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <kgm>	Mu <kgm>	Sic.
-116	4.80	1.60	XX	81	SLU	5.65	5.65	3138.47	5822.53	1.855
-48	4.80	0.45	XX	84	SLU	5.65	5.65	2727.01	5822.53	2.135
-60	2.70	0.85	YY	35	SLU	5.65	5.65	1918.09	5822.53	3.036
-110	2.30	1.60	YY	18	SLU	5.65	5.65	-2111.27	-5822.53	2.758

Stato Limite Ultimo - Verifica a taglio del calcestruzzo

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Vsdu <kg>	Vrdu <kg>
-14	4.80	0.00	XX	1	SLU	5.65	5.65	8562.10	11968.30
-688	6.10	1.25	YY	1	SLU	5.65	5.65	8789.90	11968.30

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <kgm>	σ_c <kg/cmq>	σ_f <kg/cmq>
-116	4.80	1.60	XX	85	SLE R	5.65	5.65	2339.87	29.13	1656.26
-48	4.80	0.45	XX	88	SLE R	5.65	5.65	1909.94	23.78	1351.94
-116	4.80	1.60	XX	45	SLE Q	5.65	5.65	717.92	8.94	
-108	1.80	1.60	XX	14	SLE Q	5.65	5.65	-352.81	4.39	
-60	2.70	0.85	YY	39	SLE R	5.65	5.65	1391.55	17.33	985.00
-110	2.30	1.60	YY	22	SLE R	5.65	5.65	-1711.61	21.31	1211.55
-737	2.30	2.45	YY	16	SLE Q	5.65	5.65	380.28	4.73	
-110	2.30	1.60	YY	14	SLE Q	5.65	5.65	-827.73	10.31	

Verifiche stato limite di formazione delle fessure

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
-116	4.80	1.60	XX	45	SLE Q	24.00	168.00	0.16	185.48	12.00	1.13	157.67	508.18	3613.21	0.10	0.03
-108	1.80	1.60	XX	14	SLE Q	24.00	168.00	0.16	185.48	12.00	1.13	157.67	249.73	3613.21	0.05	0.02
-116	4.80	1.60	XX	89	SLE F	24.00	168.00	0.16	185.48	12.00	1.13	157.67	1361.43	3613.21	0.26	0.08
-48	4.80	0.45	XX	92	SLE F	24.00	168.00	0.16	185.48	12.00	1.13	157.67	1044.43	3613.21	0.20	0.06
-737	2.30	2.45	YY	16	SLE Q	24.00	168.00	0.16	185.48	12.00	1.13	157.67	269.18	3613.21	0.05	0.02
-60	2.70	0.85	YY	43	SLE F	24.00	168.00	0.16	185.48	12.00	1.13	157.67	764.22	3613.21	0.15	0.05
-110	2.30	1.60	YY	14	SLE Q	24.00	168.00	0.16	185.48	12.00	1.13	157.67	585.90	3613.21	0.11	0.04
-110	2.30	1.60	YY	26	SLE F	24.00	168.00	0.16	185.48	12.00	1.13	157.67	1055.14	3613.21	0.20	0.06

Armatura platea a quota 1.55

Stato Limite Ultimo - Ferri longitudinali - Verifiche armatura

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <kgm>	Mu <kgm>	Sic.
-362	4.80	0.45	XX	82	SLU	3.93	3.93	-1966.01	-4124.66	2.098
-385	6.10	1.60	XX	82	SLU	3.93	3.93	641.58	4124.66	6.429
-378	5.18	1.15	YY	84	SLU	3.93	3.93	-504.83	-4124.66	8.170
-390	6.10	2.05	YY	82	SLU	3.93	3.93	435.34	4124.66	9.475

Stato Limite Ultimo - Verifica a taglio del calcestruzzo

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Vsdu <kg>	Vrdu <kg>
-362	4.80	0.45	XX	1	SLU	3.93	3.93	1537.54	11968.30
-413	4.80	2.75	YY	1	SLU	3.93	3.93	1476.39	11968.30

Stato Limite Esercizio - Ferri longitudinali - Verifiche armatura

Nodo	X <m>	Y <m>	DV	CC	TCC	AfE S <cmq>	AfE I <cmq>	Mom <kgm>	σ_c <kg/cmq>	σ_f <kg/cmq>
-362	4.80	0.45	XX	86	SLE R	3.93	3.93	-1444.94	21.44	1456.91
-384	5.55	1.60	XX	45	SLE Q	3.93	3.93	-124.80	1.85	
-385	6.10	1.60	XX	86	SLE R	3.93	3.93	467.85	6.94	471.73
-382	4.80	1.60	XX	45	SLE Q	3.93	3.93	84.50	1.25	
-378	5.18	1.15	YY	88	SLE R	3.93	3.93	-378.02	5.61	381.15
-390	6.10	2.05	YY	86	SLE R	3.93	3.93	318.72	4.73	321.36
-415	5.55	2.75	YY	45	SLE Q	3.93	3.93	37.36	0.55	
-398	5.18	2.35	YY	100	SLE Q	3.93	3.93	-87.64	1.30	

Verifiche stato limite di formazione delle fessure

Nodo	X <m>	Y <m>	DV	CC	TCC	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
-384	5.55	1.60	XX	45	SLE Q	25.00	140.00	0.17	176.46	10.00	0.79	115.85	125.84	4992.78	0.02	0.01
-362	4.80	0.45	XX	90	SLE F	25.00	140.00	0.17	176.46	10.00	0.79	115.85	1112.80	4992.78	0.22	0.06
-382	4.80	1.60	XX	45	SLE Q	25.00	140.00	0.17	176.46	10.00	0.79	115.85	85.20	4992.79	0.02	0.00
-385	6.10	1.60	XX	90	SLE F	25.00	140.00	0.17	176.46	10.00	0.79	115.85	351.86	4992.78	0.07	0.02
-415	5.55	2.75	YY	45	SLE Q	25.00	140.00	0.17	176.46	10.00	0.79	115.85	37.67	4992.78	0.01	0.00
-378	5.18	1.15	YY	92	SLE F	25.00	140.00	0.17	176.46	10.00	0.79	115.85	305.35	4992.78	0.06	0.02
-390	6.10	2.05	YY	90	SLE F	25.00	140.00	0.17	176.46	10.00	0.79	115.85	238.22	4992.79	0.05	0.01
-398	5.18	2.35	YY	100	SLE Q	25.00	140.00	0.17	176.46	10.00	0.79	115.85	88.37	4992.78	0.02	0.01

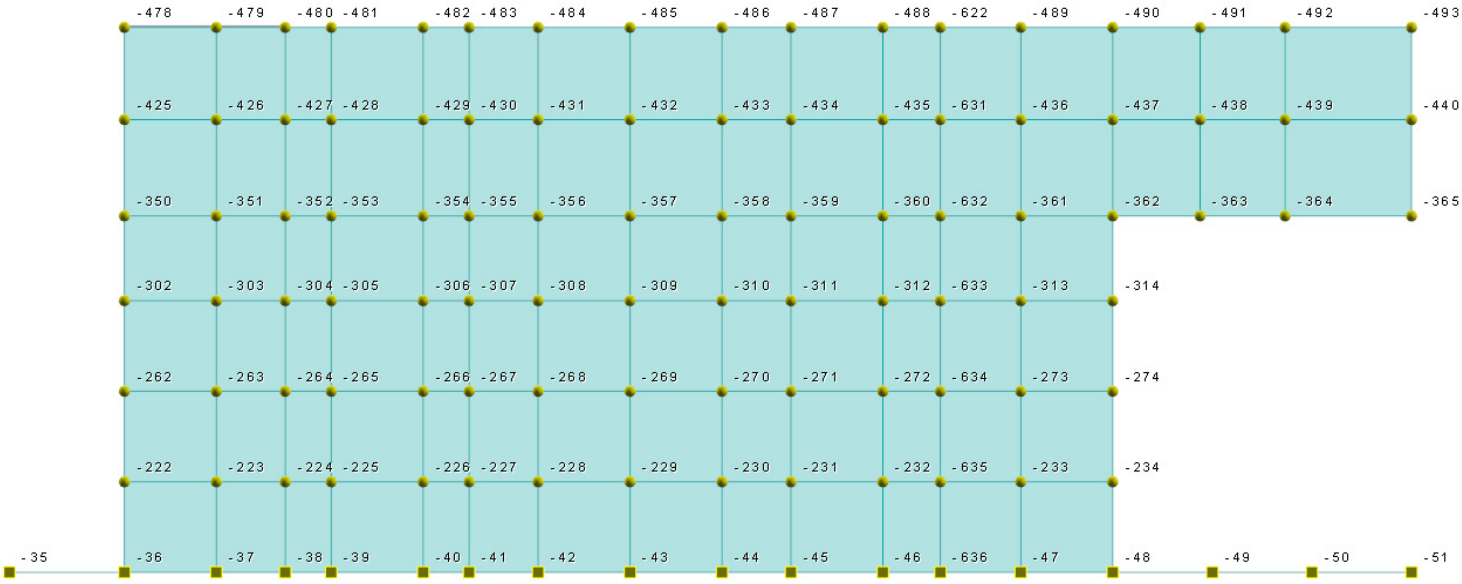
Verifiche sezioni

Simbologia

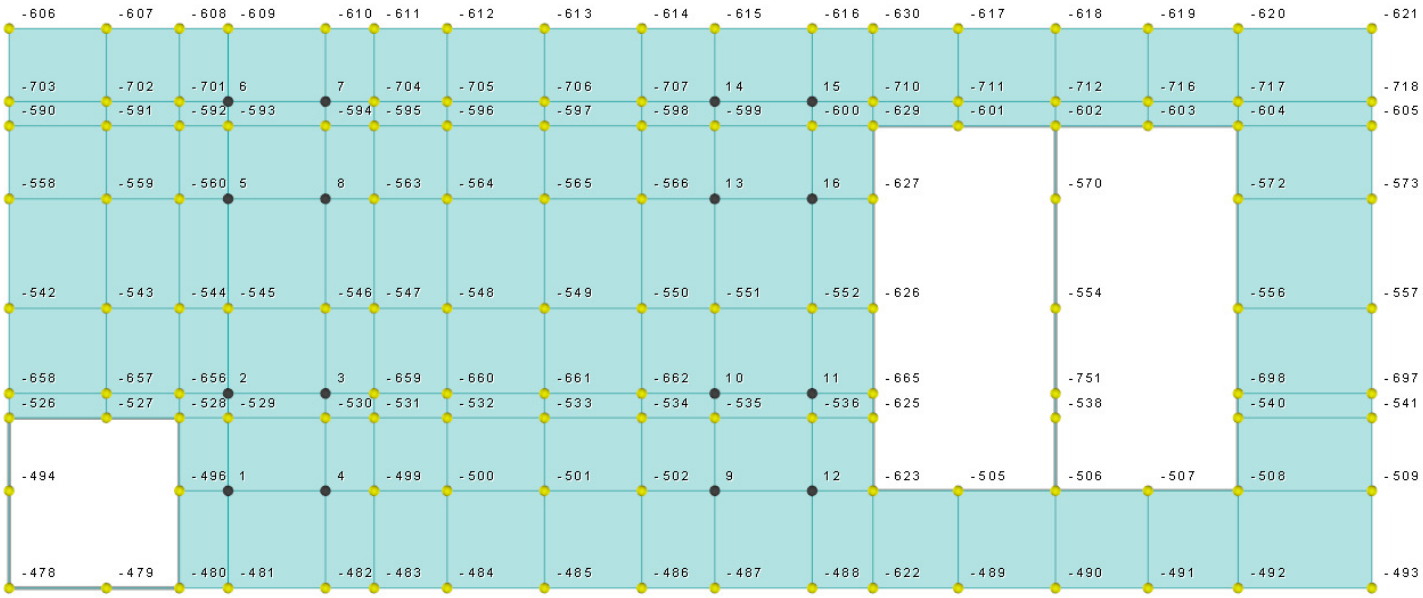
Caso = Caso di verifica
CC = Numero della combinazione delle condizioni di carico elementari
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLU S = Stato limite ultimo (azione sismica)

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

N = Sforzo normale
My = Momento flettente intorno all'asse Y
Mz = Momento flettente intorno all'asse Z
Nu = Sforzo normale ultimo
Myu = Momento ultimo intorno all'asse Y
Mzu = Momento ultimo intorno all'asse Z
Rott. = Tipo di rottura
1-2 = Rott. acciaio: $\varepsilon_Y=\varepsilon_{Yd}$, $\varepsilon_C<\varepsilon_{Cu}$
2-3 = Rott. cls: $\varepsilon_Y<\varepsilon_{Yd}$, $\varepsilon_C=\varepsilon_{Cu}$
3-4 = Rott. cls: $\varepsilon_{C0}<\varepsilon_C<\varepsilon_{Cu}$
α = Angolo asse neutro a rottura
ε_C = Deformazione nel calcestruzzo (*1000)
TS = Modalità di calcolo sicurezza
N/e = N costante ed eccentricità costante
My/e = My costante ed eccentricità costante
My/N = My e N costante
Mz/e = Mz costante ed eccentricità costante
Mz/N = Mz e N costante
Sic. = Sicurezza a rottura
AfT = Area di ferro tesa
AfC = Area di ferro compressa
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
c = Ricoprimento dell'armatura
s = Distanza minima tra le barre
K3 = Coefficiente di forma del diagramma delle tensioni prima della fessurazione
s_{rm} = Distanza media tra le fessure
Φ = Diametro della barra
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
$A_{c\ eff}$ = Area di calcestruzzo efficace
σ_s = Tensione nell'acciaio nella sezione fessurata
σ_{sr} = Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
Wk = Apertura delle fessure
Ty = Taglio in dir. Y
Tz = Taglio in dir. Z
bw = Larghezza membratura resistente al taglio
Af tesa = Area di ferro tesa
Vsdu = Taglio agente nella direzione del momento ultimo
Vrdu = Taglio ultimo assorbibile dal solo calcestruzzo
Tipo = Tipo di verifica effettuata



n° nodi parete verificata



n° nodi soletta

Elementi bidimensionali (nome del file: ORIZZ_CENTRALE_TOT) "PARETE VERTICALE"

Sezione degli elementi bidimensionali n. 6
in corrispondenza dei nodi -303 -304 -308 -309 -305 -306 -307 -302 -310 -311 -313 -314 -312

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Rott.	α <grad>	ε_c	TS	Sic.
1		SLU	-3976.78	8442.87	0.00	-3978.38	32508.40	-0.00	1-2	180.00	-3.05	N/e	3.850
2		SLU	-3976.78	0.00	-135.02	-3976.85	-0.00	-484357.00	1-2	270.00	-3.23	N/e	>100
3		SLU	-4173.28	8441.73	0.00	-4175.17	32531.40	-0.00	1-2	180.00	-3.05	N/e	3.854
4		SLU	-4173.28	0.00	-452.00	-4173.34	-0.00	-484687.00	1-2	270.00	-3.23	N/e	>100
5		SLU	-3767.56	8436.61	0.00	-3769.27	32484.00	-0.00	1-2	180.00	-3.05	N/e	3.850
6		SLU	-3767.56	0.00	-356.27	-3767.80	-0.00	-484006.00	1-2	270.00	-3.23	N/e	>100
7		SLU	-4382.49	8447.98	0.00	-4384.50	32555.90	-0.00	1-2	180.00	-3.05	N/e	3.854
8		SLU	-4382.49	0.00	-230.75	-4382.60	-0.00	-485037.00	1-2	270.00	-3.24	N/e	>100
9		SLU	-36151.60	-1929.73	0.00	-36151.50	-36247.70	-0.00	1-2	0.00	-3.34	N/e	18.784
10		SLU	-36151.60	0.00	36.22	-36151.60	-0.00	536797.00	2-3	90.00	-3.50	N/e	>100
11		SLU	-36348.10	-1930.87	0.00	-36348.30	-36270.40	-0.00	1-2	0.00	-3.34	N/e	18.785
12		SLU	-36348.10	0.00	-280.76	-36348.10	-0.00	-537104.00	2-3	270.00	-3.50	N/e	>100
13		SLU	-35942.40	-1935.98	0.00	-35942.40	-36223.50	-0.00	1-2	0.00	-3.33	N/e	18.711
14		SLU	-35942.40	0.00	-185.03	-35942.40	-0.00	-536470.00	2-3	270.00	-3.50	N/e	>100
15		SLU	-36557.30	-1924.62	0.00	-36557.30	-36294.60	-0.00	1-2	0.00	-3.34	N/e	18.858
16		SLU	-36557.30	0.00	-59.51	-36557.40	-0.00	-537431.00	2-3	270.00	-3.50	N/e	>100
17		SLU	-3476.33	8545.67	0.00	-3477.53	32449.90	-0.00	1-2	180.00	-3.05	N/e	3.797
18		SLU	-3476.33	0.00	-960.29	-3476.59	-0.00	-483518.00	1-2	270.00	-3.22	N/e	>100
19		SLU	-3672.83	8544.52	0.00	-3673.89	32472.80	-0.00	1-2	180.00	-3.05	N/e	3.800
20		SLU	-3672.83	0.00	-1277.26	-3672.99	-0.00	-483847.00	1-2	270.00	-3.23	N/e	>100
21		SLU	-3267.11	8539.41	0.00	-3267.97	32425.40	0.00	1-2	180.00	-3.04	N/e	3.797
22		SLU	-3267.11	0.00	-1181.53	-3267.27	-0.00	-483166.00	1-2	270.00	-3.22	N/e	>100
23		SLU	-3882.04	8550.78	0.00	-3883.75	32497.30	-0.00	1-2	180.00	-3.05	N/e	3.801
24		SLU	-3882.04	0.00	-1056.02	-3882.19	0.00	-484198.00	1-2	270.00	-3.23	N/e	>100
25		SLU	-35651.10	-1826.93	0.00	-35651.10	-36189.80	-0.00	1-2	0.00	-3.33	N/e	19.809
26		SLU	-35651.10	0.00	-789.05	-35651.10	-0.00	-536015.00	2-3	270.00	-3.50	N/e	>100
27		SLU	-35847.60	-1828.08	0.00	-35847.70	-36212.60	-0.00	1-2	0.00	-3.33	N/e	19.809
28		SLU	-35847.60	0.00	-1106.03	-35847.60	0.00	-536322.00	2-3	270.00	-3.50	N/e	>100
29		SLU	-35441.90	-1833.19	0.00	-35441.90	-36165.70	-0.00	1-2	0.00	-3.33	N/e	19.728
30		SLU	-35441.90	0.00	-1010.29	-35442.00	0.00	-535688.00	2-3	270.00	-3.50	N/e	>100
31		SLU	-36056.90	-1821.82	0.00	-36056.80	-36236.80	-0.00	1-2	0.00	-3.33	N/e	19.890
32		SLU	-36056.90	0.00	-884.78	-36057.00	0.00	-536649.00	2-3	270.00	-3.50	N/e	>100
33		SLU	-20356.60	5457.02	0.00	-20359.20	34417.10	-0.00	1-2	180.00	-3.19	N/e	6.307
34		SLU	-20356.60	0.00	-1192.63	-20356.60	0.00	-511619.00	1-2	270.00	-3.43	N/e	>100
35		SLU	-20553.10	5455.87	0.00	-20555.30	34439.90	-0.00	1-2	180.00	-3.19	N/e	6.312
36		SLU	-20553.10	0.00	-1509.61	-20553.20	-0.00	-511944.00	1-2	270.00	-3.43	N/e	>100
37		SLU	-20147.40	5450.76	0.00	-20150.90	34392.90	-0.00	1-2	180.00	-3.19	N/e	6.310
38		SLU	-20147.40	0.00	-1413.88	-20147.40	-0.00	-511274.00	1-2	270.00	-3.43	N/e	>100
39		SLU	-20762.30	5462.13	0.00	-20763.90	34464.20	-0.00	1-2	180.00	-3.19	N/e	6.310

40	SLU	-20762.30	0.00	-1288.37	-20762.30	-0.00	-512289.00	1-2	270.00	-3.43	N/e	>100
41	SLU	-15478.80	505.89	0.00	-15479.60	33849.60	-0.00	1-2	180.00	-3.15	N/e	66.911
42	SLU	-15478.80	0.00	18947.70	-15478.90	-0.00	503544.00	1-2	90.00	-3.37	N/e	26.576
43	SLU	-15675.30	504.75	0.00	-15675.90	33872.50	-0.00	1-2	180.00	-3.15	N/e	67.108
44	SLU	-15675.30	0.00	18630.70	-15675.40	-0.00	503869.00	1-2	90.00	-3.37	N/e	27.045
45	SLU	-15269.60	499.64	0.00	-15270.30	33825.30	-0.00	1-2	180.00	-3.15	N/e	67.700
46	SLU	-15269.60	0.00	18726.40	-15269.70	-0.00	503197.00	1-2	90.00	-3.37	N/e	26.871
47	SLU	-15884.50	511.01	0.00	-15885.20	33896.80	-0.00	1-2	180.00	-3.15	N/e	66.334
48	SLU	-15884.50	0.00	18852.00	-15884.60	-0.00	504216.00	1-2	90.00	-3.37	N/e	26.746
49	SLU	-8592.09	1639.08	0.00	-8594.70	33047.50	-0.00	1-2	180.00	-3.09	N/e	20.162
50	SLU	-8592.09	0.00	308.20	-8597.39	-0.00	492089.00	1-2	90.00	-3.29	N/e	>100

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	bw <m>	Af tesa <cmq>	Vsdu <kg>	Vrdu <kg>
1	0.00	2354.74	4.30	32.33	2354.74	50731.10
2	-4183.53	0.00	0.30	40.02	4183.53	37022.20
3	0.00	2360.30	4.30	32.33	2360.30	50756.70
4	-5455.25	0.00	0.30	40.02	5455.25	37050.70
5	0.00	2406.62	4.30	32.33	2406.62	50703.90
6	-4737.04	0.00	0.30	40.02	4737.04	36991.90
7	0.00	2308.41	4.30	32.33	2308.41	50783.90
8	-4901.73	0.00	0.30	40.02	4901.73	37081.00
9	0.00	-5320.45	4.30	32.33	5320.45	54913.90
10	-92.95	0.00	0.30	40.02	92.95	41680.10
11	0.00	-5314.89	4.30	32.33	5314.89	54939.40
12	-1364.67	0.00	0.30	40.02	1364.67	41708.50
13	0.00	-5268.56	4.30	32.33	5268.56	54886.70
14	-646.47	0.00	0.30	40.02	646.47	41649.80
15	0.00	-5366.78	4.30	32.33	5366.78	54966.60
16	-811.15	0.00	0.30	40.02	811.15	41738.80
17	0.00	2118.48	4.30	32.33	2118.48	50666.10
18	-4328.53	0.00	0.30	40.02	4328.53	36949.80
19	0.00	2124.04	4.30	32.33	2124.04	50691.60
20	-5600.26	0.00	0.30	40.02	5600.26	36978.20
21	0.00	2170.37	4.30	32.33	2170.37	50638.90
22	-4882.05	0.00	0.30	40.02	4882.05	36919.50
23	0.00	2072.15	4.30	32.33	2072.15	50718.80
24	-5046.74	0.00	0.30	40.02	5046.74	37008.50
25	0.00	-5556.71	4.30	32.33	5556.71	54848.80
26	-237.96	0.00	0.30	40.02	237.96	41607.60
27	0.00	-5551.15	4.30	32.33	5551.15	54874.30
28	-1509.68	0.00	0.30	40.02	1509.68	41636.10
29	0.00	-5504.82	4.30	32.33	5504.82	54821.60
30	-791.48	0.00	0.30	40.02	791.48	41577.40
31	0.00	-5603.04	4.30	32.33	5603.04	54901.50
32	-956.16	0.00	0.30	40.02	956.16	41666.40
33	0.00	-1274.22	4.30	32.33	1274.22	52860.50
34	-3965.80	0.00	0.30	40.02	3965.80	39393.50
35	0.00	-1268.67	4.30	32.33	1268.67	52886.10
36	-5237.52	0.00	0.30	40.02	5237.52	39421.90
37	0.00	-1222.34	4.30	32.33	1222.34	52833.30
38	-4519.32	0.00	0.30	40.02	4519.32	39363.20
39	0.00	-1320.55	4.30	32.33	1320.55	52913.30
40	-4684.00	0.00	0.30	40.02	4684.00	39452.20
41	0.00	-1466.08	4.30	32.33	1466.08	52226.40
42	1380.41	0.00	0.30	40.02	1380.41	38687.40
43	0.00	-1460.53	4.30	32.33	1460.53	52251.90
44	108.69	0.00	0.30	40.02	108.69	38715.80
45	0.00	-1414.20	4.30	32.33	1414.20	52199.20
46	826.89	0.00	0.30	40.02	826.89	38657.10
47	0.00	-1512.41	4.30	32.33	1512.41	52279.10
48	662.21	0.00	0.30	40.02	662.21	38746.10
49	0.00	-1268.13	4.30	32.33	1268.13	51331.10
50	-836.06	0.00	0.30	40.02	836.06	37690.40

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
51	-2872.54	0.00	6248.44	32.33	32.33	17.38	771.67
52	-2872.54	-370.55	0.00	0.00	64.65	0.24	3.63
53	-3069.04	0.00	6247.30	32.33	32.33	17.38	768.51
54	-3069.04	-687.53	0.00	0.00	64.65	0.29	4.29
55	-2663.32	0.00	6242.19	32.33	32.33	17.36	774.07
56	-2663.32	-591.80	0.00	0.00	64.65	0.25	3.71
57	-3278.26	0.00	6253.56	32.33	32.33	17.40	766.12
58	-3278.26	-466.28	0.00	0.00	64.65	0.28	4.20
59	-26705.70	0.00	-1434.96	0.00	64.65	3.91	50.71
60	-26705.70	-243.71	0.00	0.00	64.65	1.95	29.23
61	-26902.20	0.00	-1436.11	0.00	64.65	3.93	50.94

62	-26902.20	-560.69	0.00	0.00	64.65	2.00	29.88
63	-26496.50	0.00	-1441.22	0.00	64.65	3.90	50.59
64	-26496.50	-464.95	0.00	0.00	64.65	1.96	29.31
65	-27111.50	0.00	-1429.85	0.00	64.65	3.93	51.07
66	-27111.50	-339.44	0.00	0.00	64.65	1.99	29.80
67	-2538.91	0.00	6316.97	32.33	32.33	17.56	785.74
68	-2538.91	-920.73	0.00	0.00	64.65	0.28	4.04
69	-2735.41	0.00	6315.83	32.33	32.33	17.56	782.58
70	-2735.41	-1237.71	0.00	0.00	64.65	0.32	4.70
71	-2329.69	0.00	6310.72	32.33	32.33	17.54	788.14
72	-2329.69	-1141.97	0.00	0.00	64.65	0.28	4.13
73	-2944.63	0.00	6322.09	32.33	32.33	17.58	780.18
74	-2944.63	-1016.46	0.00	0.00	64.65	0.31	4.62
75	-26372.10	0.00	-1366.43	0.00	64.65	3.79	49.30
76	-26372.10	-793.89	0.00	0.00	64.65	1.98	29.64
77	-26568.60	0.00	-1367.58	0.00	64.65	3.81	49.53
78	-26568.60	-1110.86	0.00	0.00	64.65	2.03	30.30
79	-26162.90	0.00	-1372.69	0.00	64.65	3.78	49.17
80	-26162.90	-1015.13	0.00	0.00	64.65	1.99	29.72
81	-26777.80	0.00	-1361.32	0.00	64.65	3.81	49.66
82	-26777.80	-889.62	0.00	0.00	64.65	2.02	30.21
83	-15005.80	0.00	4036.70	32.33	32.33	11.11	306.38
84	-15005.80	-1153.97	0.00	0.00	64.65	1.20	17.85
85	-15202.30	0.00	4035.56	32.33	32.33	11.10	303.55
86	-15202.30	-1470.95	0.00	0.00	64.65	1.24	18.51
87	-14796.50	0.00	4030.45	32.33	32.33	11.10	308.44
88	-14796.50	-1375.21	0.00	0.00	64.65	1.21	17.94
89	-15411.50	0.00	4041.81	32.33	32.33	11.11	301.50
90	-15411.50	-1249.70	0.00	0.00	64.65	1.24	18.43
91	-11392.60	0.00	369.20	0.00	64.65	1.33	17.94
92	-11392.60	13764.80	0.00	21.55	43.10	2.44	34.72
93	-11589.10	0.00	368.06	0.00	64.65	1.34	18.13
94	-11589.10	13447.80	0.00	18.47	46.18	2.38	33.94
95	-11183.30	0.00	362.95	0.00	64.65	1.31	17.61
96	-11183.30	13543.50	0.00	21.55	43.10	2.40	34.16
97	-11798.30	0.00	374.31	0.00	64.65	1.37	18.45
98	-11798.30	13669.10	0.00	18.47	46.18	2.42	34.50
99	-6219.23	0.00	1410.12	32.33	32.33	3.84	93.97
100	-6219.23	-108.47	0.00	0.00	64.65	0.46	6.88
101	-6497.17	0.00	632.83	32.33	32.33	1.52	
102	-6497.17	146.98	0.00	0.00	64.65	0.48	
103	-6693.67	0.00	631.68	32.33	32.33	1.52	
104	-6693.67	-170.00	0.00	0.00	64.65	0.50	
105	-6287.95	0.00	626.57	32.33	32.33	1.51	
106	-6287.95	-74.27	0.00	0.00	64.65	0.46	
107	-6902.89	0.00	637.94	32.33	32.33	1.53	
108	-6902.89	51.25	0.00	0.00	64.65	0.50	
109	-6497.17	0.00	632.83	32.33	32.33	1.52	
110	-6497.17	146.98	0.00	0.00	64.65	0.48	
111	-6693.67	0.00	631.68	32.33	32.33	1.52	
112	-6693.67	-170.00	0.00	0.00	64.65	0.50	
113	-6287.95	0.00	626.57	32.33	32.33	1.51	
114	-6287.95	-74.27	0.00	0.00	64.65	0.46	
115	-6902.89	0.00	637.94	32.33	32.33	1.53	
116	-6902.89	51.25	0.00	0.00	64.65	0.50	
117	-6163.54	0.00	701.36	32.33	32.33	1.72	
118	-6163.54	-403.20	0.00	0.00	64.65	0.49	
119	-6360.04	0.00	700.21	32.33	32.33	1.71	
120	-6360.04	-720.18	0.00	0.00	64.65	0.53	
121	-5954.32	0.00	695.10	32.33	32.33	1.71	
122	-5954.32	-624.45	0.00	0.00	64.65	0.49	
123	-6569.26	0.00	706.47	32.33	32.33	1.72	
124	-6569.26	-498.93	0.00	0.00	64.65	0.52	
125	-6163.54	0.00	701.36	32.33	32.33	1.72	
126	-6163.54	-403.20	0.00	0.00	64.65	0.49	
127	-6360.04	0.00	700.21	32.33	32.33	1.71	
128	-6360.04	-720.18	0.00	0.00	64.65	0.53	
129	-5954.32	0.00	695.10	32.33	32.33	1.71	
130	-5954.32	-624.45	0.00	0.00	64.65	0.49	
131	-6569.26	0.00	706.47	32.33	32.33	1.72	
132	-6569.26	-498.93	0.00	0.00	64.65	0.52	
133	-6497.17	0.00	632.83	32.33	32.33	1.52	
134	-6497.17	146.98	0.00	0.00	64.65	0.48	
135	-6693.67	0.00	631.68	32.33	32.33	1.52	
136	-6693.67	-170.00	0.00	0.00	64.65	0.50	
137	-6287.95	0.00	626.57	32.33	32.33	1.51	
138	-6287.95	-74.27	0.00	0.00	64.65	0.46	
139	-6902.89	0.00	637.94	32.33	32.33	1.53	
140	-6902.89	51.25	0.00	0.00	64.65	0.50	
141	-6497.17	0.00	632.83	32.33	32.33	1.52	
142	-6497.17	146.98	0.00	0.00	64.65	0.48	
143	-6693.67	0.00	631.68	32.33	32.33	1.52	

144	-6693.67	-170.00	0.00	0.00	64.65	0.50
145	-6287.95	0.00	626.57	32.33	32.33	1.51
146	-6287.95	-74.27	0.00	0.00	64.65	0.46
147	-6902.89	0.00	637.94	32.33	32.33	1.53
148	-6902.89	51.25	0.00	0.00	64.65	0.50
149	-6219.23	0.00	1410.12	32.33	32.33	3.84
150	-6219.23	-108.47	0.00	0.00	64.65	0.46

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
101		SLE Q	-6497.17	632.83	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	8.56	645.97	0.00	0.00
103		SLE Q	-6693.67	631.68	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.60	596.83	0.00	0.00
105		SLE Q	-6287.95	626.57	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	9.17	681.95	0.00	0.00
107		SLE Q	-6902.89	637.94	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.07	564.74	0.00	0.00
109		SLE Q	-6497.17	632.83	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	8.56	645.97	0.00	0.00
111		SLE Q	-6693.67	631.68	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.60	596.83	0.00	0.00
113		SLE Q	-6287.95	626.57	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	9.17	681.95	0.00	0.00
115		SLE Q	-6902.89	637.94	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.07	564.74	0.00	0.00
117		SLE Q	-6163.54	701.36	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	15.41	900.19	0.00	0.00
119		SLE Q	-6360.04	700.21	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	14.02	844.70	0.00	0.00
121		SLE Q	-5954.32	695.10	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	16.35	943.55	0.00	0.00
123		SLE Q	-6569.26	706.47	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	13.21	805.67	0.00	0.00
125		SLE Q	-6163.54	701.36	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	15.41	900.19	0.00	0.00
127		SLE Q	-6360.04	700.21	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	14.02	844.70	0.00	0.00
129		SLE Q	-5954.32	695.10	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	16.35	943.55	0.00	0.00
131		SLE Q	-6569.26	706.47	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	13.21	805.67	0.00	0.00
133		SLE Q	-6497.17	632.83	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	8.56	645.97	0.00	0.00
135		SLE Q	-6693.67	631.68	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.60	596.83	0.00	0.00
137		SLE Q	-6287.95	626.57	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	9.17	681.95	0.00	0.00
139		SLE Q	-6902.89	637.94	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.07	564.74	0.00	0.00
141		SLE Q	-6497.17	632.83	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	8.56	645.97	0.00	0.00
143		SLE Q	-6693.67	631.68	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.60	596.83	0.00	0.00
145		SLE Q	-6287.95	626.57	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	9.17	681.95	0.00	0.00
147		SLE Q	-6902.89	637.94	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	7.07	564.74	0.00	0.00
149		SLE Q	-6219.23	1410.12	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	93.97	1921.42	0.02	0.01
151		SLE F	-3778.70	4844.54	0.00	33.00	196.00	0.13	211.26	14.00	1.54	223.55	574.58	2744.78	0.11	0.04
153		SLE F	-3975.20	4843.40	0.00	33.00	196.00	0.13	211.04	14.00	1.54	223.55	571.44	2736.48	0.11	0.04
155		SLE F	-3569.48	4838.28	0.00	33.00	196.00	0.13	211.48	14.00	1.54	223.55	576.95	2753.35	0.11	0.04
157		SLE F	-4184.42	4849.65	0.00	33.00	196.00	0.13	210.82	14.00	1.54	223.55	569.07	2727.89	0.11	0.04
167		SLE F	-3445.07	4913.07	0.00	33.00	196.00	0.13	211.67	14.00	1.54	223.55	588.61	2760.75	0.11	0.04
169		SLE F	-3641.57	4911.93	0.00	33.00	196.00	0.13	211.46	14.00	1.54	223.55	585.46	2752.62	0.11	0.04
171		SLE F	-3235.85	4906.81	0.00	33.00	196.00	0.13	211.89	14.00	1.54	223.55	590.98	2769.18	0.11	0.04
173		SLE F	-3850.78	4918.18	0.00	33.00	196.00	0.13	211.24	14.00	1.54	223.55	583.09	2744.17	0.11	0.04
183		SLE F	-12878.60	3185.73	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	227.79	2011.47	0.04	0.02
185		SLE F	-13075.10	3184.59	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	225.02	1996.08	0.04	0.02
187		SLE F	-12669.40	3179.48	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	229.81	2025.53	0.04	0.02
189		SLE F	-13284.30	3190.84	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	223.02	1982.04	0.04	0.02
192		SLE F	-10168.70	0.00	10360.30	33.00	196.00	0.21	274.94	14.00	1.54	223.55	5.91	632.72	0.00	0.00
194		SLE F	-10365.20	0.00	10043.40	33.00	196.00	0.20	269.85	14.00	1.54	223.55	4.51	574.24	0.00	0.00
196		SLE F	-9959.49	0.00	10139.10	33.00	196.00	0.21	274.87	14.00	1.54	223.55	5.76	631.77	0.00	0.00
198		SLE F	-10574.40	0.00	10264.60	33.00	196.00	0.20	270.06	14.00	1.54	223.55	4.66	576.32	0.00	0.00
199		SLE F	-6219.23	1410.12	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	93.97	1921.42	0.02	0.01

Verifiche principali

Caso	Tipo
1	SLU Taglio - min sic. c.a.
21	SLU N cost - min sic.
71	C.Rare - Sf max (max traz.)
73	C.Rare - Sc min (max compr.),C.Rare - Sf min (max compr.)
75	C.Rare - Sc max (min compr.)
122	C.Q.Per. - Sc max (min compr.)
149	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
171	C.Freq - Wk Max

Elementi bidimensionali (nome del file: ORIZZ_INF_TOT) "PARETE VERTICALE"

Sezione degli elementi bidimensionali n. 6
in corrispondenza dei nodi -41 -42 -43 -44 -37 -38 -39 -40 -36 -45 -47 -48 -46

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Rott.	α <grad>	ε_c	TS	Sic.
1		SLU	7133.36	-8928.11	0.00	7143.19	-31205.60	-0.00	1-2	0.00	-2.96	N/e	3.495
2		SLU	7133.36	0.00	-7473.64	7133.46	-0.00	-465631.00	1-2	270.00	-3.10	N/e	62.303
3		SLU	6714.80	-8961.98	0.00	6714.83	-31255.80	-0.00	1-2	0.00	-2.96	N/e	3.488
4		SLU	6714.80	0.00	-7999.84	6715.30	0.00	-466339.00	1-2	270.00	-3.10	N/e	58.294
5		SLU	7651.04	-9033.20	0.00	7657.50	-31145.20	-0.00	1-2	0.00	-2.96	N/e	3.448
6		SLU	7651.04	0.00	-7808.91	7650.99	-0.00	-464753.00	1-2	270.00	-3.09	N/e	59.516
7		SLU	6197.13	-8856.88	0.00	6197.13	-31316.60	-0.00	1-2	0.00	-2.97	N/e	3.536

8	SLU	6197.13	0.00	-7664.56	6197.52	-0.00	-467215.00	1-2	270.00	-3.11	N/e	60.958
9	SLU	-31725.40	-2978.08	0.00	-31725.50	-35735.60	-0.00	1-2	0.00	-3.29	N/e	12.000
10	SLU	-31725.40	0.00	-9316.77	-31725.50	0.00	-529875.00	2-3	270.00	-3.50	N/e	56.873
11	SLU	-32144.00	-3011.95	0.00	-32144.00	-35784.10	-0.00	1-2	0.00	-3.30	N/e	11.881
12	SLU	-32144.00	0.00	-9842.97	-32144.10	0.00	-530530.00	2-3	270.00	-3.50	N/e	53.899
13	SLU	-31207.70	-3083.17	0.00	-31207.80	-35675.70	-0.00	1-2	0.00	-3.29	N/e	11.571
14	SLU	-31207.70	0.00	-9652.05	-31207.80	0.00	-529064.00	2-3	270.00	-3.50	N/e	54.814
15	SLU	-32661.70	-2906.86	0.00	-32661.80	-35844.00	-0.00	1-2	0.00	-3.30	N/e	12.331
16	SLU	-32661.70	0.00	-9507.70	-32661.70	-0.00	-531340.00	2-3	270.00	-3.50	N/e	55.885
17	SLU	8562.74	-8175.94	0.00	8569.95	-31038.00	-0.00	1-2	0.00	-2.95	N/e	3.796
18	SLU	8562.74	0.00	-8741.07	8562.77	-0.00	-463207.00	1-2	270.00	-3.08	N/e	52.992
19	SLU	8144.18	-8209.81	0.00	8147.02	-31087.70	-0.00	1-2	0.00	-2.95	N/e	3.787
20	SLU	8144.18	0.00	-9267.27	8144.27	0.00	-463917.00	1-2	270.00	-3.09	N/e	50.060
21	SLU	9080.42	-8281.04	0.00	9080.50	-30978.10	-0.00	1-2	0.00	-2.94	N/e	3.741
22	SLU	9080.42	0.00	-9076.34	9080.91	0.00	-462329.00	1-2	270.00	-3.08	N/e	50.938
23	SLU	7626.51	-8104.72	0.00	7633.27	-31148.00	-0.00	1-2	0.00	-2.96	N/e	3.843
24	SLU	7626.51	0.00	-8932.00	7626.58	-0.00	-464795.00	1-2	270.00	-3.09	N/e	52.037
25	SLU	-30296.00	-2225.92	0.00	-30296.10	-35570.10	-0.00	1-2	0.00	-3.28	N/e	15.980
26	SLU	-30296.00	0.00	-10584.20	-30296.10	0.00	-527635.00	2-3	270.00	-3.50	N/e	49.851
27	SLU	-30714.60	-2259.79	0.00	-30714.70	-35618.60	-0.00	1-2	0.00	-3.28	N/e	15.762
28	SLU	-30714.60	0.00	-11110.40	-30714.60	0.00	-528291.00	2-3	270.00	-3.50	N/e	47.549
29	SLU	-29778.40	-2331.01	0.00	-29778.50	-35510.10	-0.00	1-2	0.00	-3.28	N/e	15.234
30	SLU	-29778.40	0.00	-10919.50	-29778.40	0.00	-526824.00	2-3	270.00	-3.50	N/e	48.246
31	SLU	-31232.30	-2154.69	0.00	-31232.40	-35678.50	-0.00	1-2	0.00	-3.29	N/e	16.558
32	SLU	-31232.30	0.00	-10775.10	-31232.40	0.00	-529102.00	2-3	270.00	-3.50	N/e	49.104
33	SLU	-9439.54	-7601.90	0.00	-9441.89	-33146.30	-0.00	1-2	0.00	-3.10	N/e	4.360
34	SLU	-9439.54	0.00	-9543.63	-9439.54	-0.00	-493495.00	1-2	270.00	-3.30	N/e	51.709
35	SLU	-9858.10	-7635.77	0.00	-9860.17	-33195.10	-0.00	1-2	0.00	-3.10	N/e	4.347
36	SLU	-9858.10	0.00	-10069.80	-9859.45	0.00	-494195.00	1-2	270.00	-3.30	N/e	49.077
37	SLU	-8921.87	-7706.99	0.00	-8924.42	-33085.90	-0.00	1-2	0.00	-3.09	N/e	4.293
38	SLU	-8921.87	0.00	-9878.91	-8924.42	0.00	-492635.00	1-2	270.00	-3.29	N/e	49.867
39	SLU	-10375.80	-7530.68	0.00	-10377.80	-33255.40	-0.00	1-2	0.00	-3.10	N/e	4.416
40	SLU	-10375.80	0.00	-9734.56	-10377.70	-0.00	-495059.00	1-2	270.00	-3.31	N/e	50.856
41	SLU	-15055.50	-2339.89	0.00	-15056.10	-33800.30	-0.00	1-2	0.00	-3.14	N/e	14.445
42	SLU	-15055.50	0.00	325.52	-15055.50	0.00	502841.00	1-2	90.00	-3.36	N/e	>100
43	SLU	-15474.00	-2373.76	0.00	-15474.70	-33849.00	-0.00	1-2	0.00	-3.15	N/e	14.260
44	SLU	-15474.00	0.00	-200.68	-15474.20	-0.00	-503536.00	1-2	270.00	-3.37	N/e	>100
45	SLU	-14537.80	-2444.98	0.00	-14538.60	-33740.10	-0.00	1-2	0.00	-3.14	N/e	13.800
46	SLU	-14537.80	0.00	-9.76	-14537.90	-7.07	-501824.00	1-2	270.31	-3.37	N/e	>100
47	SLU	-15991.70	-2268.67	0.00	-15992.40	-33909.30	-0.00	1-2	0.00	-3.15	N/e	14.947
48	SLU	-15991.70	0.00	134.59	-15991.80	0.00	504394.00	1-2	90.00	-3.37	N/e	>100
49	SLU	-9894.84	-3222.41	0.00	-9896.94	-33199.40	-0.00	1-2	0.00	-3.10	N/e	10.303
50	SLU	-9894.84	0.00	-4918.39	-9896.84	0.00	-494258.00	1-2	270.00	-3.30	N/e	>100

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty	Tz	bw	Af tesa	Vsdu	Vrdu
	<kg>	<kg>	<m>	<cmq>	<kg>	<kg>
1	0.00	30140.80	4.30	32.33	30140.80	50214.10
2	-3374.47	0.00	0.30	40.02	3374.47	36446.50
3	0.00	30191.90	4.30	32.33	30191.90	50214.10
4	-4417.73	0.00	0.30	40.02	4417.73	36446.50
5	0.00	30339.70	4.30	32.33	30339.70	50214.10
6	-3763.84	0.00	0.30	40.02	3763.84	36446.50
7	0.00	29992.90	4.30	32.33	29992.90	50214.10
8	-4028.36	0.00	0.30	40.02	4028.36	36446.50
9	0.00	8197.99	4.30	32.33	8197.99	54338.50
10	-2483.44	0.00	0.30	40.02	2483.44	41039.30
11	0.00	8249.13	4.30	32.33	8249.13	54392.90
12	-3526.70	0.00	0.30	40.02	3526.70	41099.90
13	0.00	8396.98	4.30	32.33	8396.98	54271.20
14	-2872.80	0.00	0.30	40.02	2872.80	40964.40
15	0.00	8050.14	4.30	32.33	8050.14	54460.20
16	-3137.33	0.00	0.30	40.02	3137.33	41174.90
17	0.00	29084.50	4.30	32.33	29084.50	50214.10
18	-3744.64	0.00	0.30	40.02	3744.64	36446.50
19	0.00	29135.60	4.30	32.33	29135.60	50214.10
20	-4787.90	0.00	0.30	40.02	4787.90	36446.50
21	0.00	29283.40	4.30	32.33	29283.40	50214.10
22	-4134.00	0.00	0.30	40.02	4134.00	36446.50
23	0.00	28936.60	4.30	32.33	28936.60	50214.10
24	-4398.53	0.00	0.30	40.02	4398.53	36446.50
25	0.00	7141.69	4.30	32.33	7141.69	54152.60
26	-2853.61	0.00	0.30	40.02	2853.61	40832.40
27	0.00	7192.84	4.30	32.33	7192.84	54207.10
28	-3896.86	0.00	0.30	40.02	3896.86	40893.00
29	0.00	7340.68	4.30	32.33	7340.68	54085.30
30	-3242.97	0.00	0.30	40.02	3242.97	40757.50
31	0.00	6993.84	4.30	32.33	6993.84	54274.30
32	-3507.50	0.00	0.30	40.02	3507.50	40967.90
33	0.00	25143.60	4.30	32.33	25143.60	51441.30
34	-3805.84	0.00	0.30	40.02	3805.84	37813.10

35	0.00	25194.80	4.30	32.33	25194.80	51495.70
36	-4849.10	0.00	0.30	40.02	4849.10	37873.70
37	0.00	25342.60	4.30	32.33	25342.60	51374.00
38	-4195.21	0.00	0.30	40.02	4195.21	37738.10
39	0.00	24995.80	4.30	32.33	24995.80	51563.00
40	-4459.74	0.00	0.30	40.02	4459.74	37948.60
41	0.00	7866.96	4.30	32.33	7866.96	52171.40
42	-5976.12	0.00	0.30	40.02	5976.12	38626.10
43	0.00	7918.11	4.30	32.33	7918.11	52225.80
44	-7019.38	0.00	0.30	40.02	7019.38	38686.70
45	0.00	8065.96	4.30	32.33	8065.96	52104.10
46	-6365.49	0.00	0.30	40.02	6365.39	38559.10
47	0.00	7719.12	4.30	32.33	7719.12	52293.10
48	-6630.01	0.00	0.30	40.02	6630.01	38761.60
49	0.00	12233.70	4.30	32.33	12233.70	51500.50
50	-1649.38	0.00	0.30	40.02	1649.38	37879.00

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
51	5272.37	0.00	-7083.81	32.33	32.33	19.41	1007.23
52	5272.37	-6171.26	0.00	58.50	6.16	1.22	193.86
53	4853.81	0.00	-7117.68	32.33	32.33	19.52	1005.09
54	4853.81	-6697.46	0.00	58.50	6.16	1.44	191.98
55	5790.05	0.00	-7188.91	32.33	32.33	19.68	1029.07
56	5790.05	-6506.54	0.00	61.58	3.08	1.25	209.28
57	4336.13	0.00	-7012.59	32.33	32.33	19.26	983.26
58	4336.13	-6362.19	0.00	58.50	6.16	1.40	176.52
59	-23511.90	0.00	-2676.38	32.33	32.33	6.57	74.37
60	-23511.90	-7536.55	0.00	0.00	64.65	2.46	36.04
61	-23930.50	0.00	-2710.26	32.33	32.33	6.65	75.37
62	-23930.50	-8062.75	0.00	0.00	64.65	2.54	37.24
63	-22994.20	0.00	-2781.48	32.33	32.33	6.91	76.64
64	-22994.20	-7871.82	0.00	0.00	64.65	2.45	35.96
65	-24448.10	0.00	-2605.16	32.33	32.33	6.33	73.08
66	-24448.10	-7727.48	0.00	0.00	64.65	2.54	37.32
67	6225.29	0.00	-6582.37	32.33	32.33	17.97	956.77
68	6225.29	-7016.22	0.00	61.58	3.08	1.35	225.29
69	5806.73	0.00	-6616.24	32.33	32.33	18.09	954.60
70	5806.73	-7542.42	0.00	58.50	6.16	1.58	223.43
71	6742.97	0.00	-6687.46	32.33	32.33	18.24	978.63
72	6742.97	-7351.49	0.00	61.58	3.08	1.38	240.70
73	5289.05	0.00	-6511.15	32.33	32.33	17.82	932.76
74	5289.05	-7207.15	0.00	58.50	6.16	1.54	207.99
75	-22559.00	0.00	-2174.94	32.33	32.33	5.23	62.00
76	-22559.00	-8381.50	0.00	0.00	64.65	2.47	36.20
77	-22977.60	0.00	-2208.81	32.33	32.33	5.31	63.00
78	-22977.60	-8907.70	0.00	0.00	64.65	2.56	37.40
79	-22041.30	0.00	-2280.04	32.33	32.33	5.52	64.25
80	-22041.30	-8716.78	0.00	0.00	64.65	2.47	36.12
81	-23495.20	0.00	-2103.72	32.33	32.33	5.04	60.86
82	-23495.20	-8572.43	0.00	0.00	64.65	2.56	37.48
83	-7003.86	0.00	-6101.44	32.33	32.33	17.03	689.61
84	-7003.86	-7704.59	0.00	15.39	49.26	1.37	19.52
85	-7422.42	0.00	-6135.31	32.33	32.33	17.13	687.72
86	-7422.42	-8230.79	0.00	15.39	49.26	1.46	20.84
87	-6486.18	0.00	-6206.53	32.33	32.33	17.32	711.14
88	-6486.18	-8039.87	0.00	21.55	43.10	1.43	20.29
89	-7940.09	0.00	-6030.21	32.33	32.33	16.84	666.23
90	-7940.09	-7895.52	0.00	12.32	52.34	1.42	20.34
91	-11163.80	0.00	-2203.65	32.33	32.33	5.92	128.48
92	-11163.80	-394.11	0.00	0.00	64.65	0.84	12.63
93	-11582.40	0.00	-2237.52	32.33	32.33	6.00	127.41
94	-11582.40	-920.31	0.00	0.00	64.65	0.93	13.82
95	-10646.10	0.00	-2308.75	32.33	32.33	6.26	147.85
96	-10646.10	-729.39	0.00	0.00	64.65	0.84	12.54
97	-12100.00	0.00	-2132.43	32.33	32.33	5.65	108.73
98	-12100.00	-585.04	0.00	0.00	64.65	0.93	13.91
99	-6961.92	0.00	-3018.41	32.33	32.33	8.42	289.26
100	-6961.92	-4430.89	0.00	0.00	64.65	0.95	13.77
101	-8424.50	0.00	-2397.26	32.33	32.33	6.61	
102	-8424.50	-3843.06	0.00	0.00	64.65	1.00	
103	-8843.07	0.00	-2431.13	32.33	32.33	6.70	
104	-8843.07	-4369.26	0.00	0.00	64.65	1.08	
105	-7906.83	0.00	-2502.35	32.33	32.33	6.93	
106	-7906.83	-4178.34	0.00	0.00	64.65	0.99	
107	-9360.74	0.00	-2326.04	32.33	32.33	6.37	
108	-9360.74	-4033.99	0.00	0.00	64.65	1.08	
109	-8424.50	0.00	-2397.26	32.33	32.33	6.61	
110	-8424.50	-3843.06	0.00	0.00	64.65	1.00	
111	-8843.07	0.00	-2431.13	32.33	32.33	6.70	

112	-8843.07	-4369.26	0.00	0.00	64.65	1.08
113	-7906.83	0.00	-2502.35	32.33	32.33	6.93
114	-7906.83	-4178.34	0.00	0.00	64.65	0.99
115	-9360.74	0.00	-2326.04	32.33	32.33	6.37
116	-9360.74	-4033.99	0.00	0.00	64.65	1.08
117	-7471.59	0.00	-1895.82	32.33	32.33	5.20
118	-7471.59	-4688.02	0.00	0.00	64.65	1.01
119	-7890.15	0.00	-1929.69	32.33	32.33	5.28
120	-7890.15	-5214.22	0.00	0.00	64.65	1.10
121	-6953.91	0.00	-2000.91	32.33	32.33	5.52
122	-6953.91	-5023.29	0.00	0.00	64.65	1.01
123	-8407.82	0.00	-1824.59	32.33	32.33	4.95
124	-8407.82	-4878.95	0.00	0.00	64.65	1.10
125	-7471.59	0.00	-1895.82	32.33	32.33	5.20
126	-7471.59	-4688.02	0.00	0.00	64.65	1.01
127	-7890.15	0.00	-1929.69	32.33	32.33	5.28
128	-7890.15	-5214.22	0.00	0.00	64.65	1.10
129	-6953.91	0.00	-2000.91	32.33	32.33	5.52
130	-6953.91	-5023.29	0.00	0.00	64.65	1.01
131	-8407.82	0.00	-1824.59	32.33	32.33	4.95
132	-8407.82	-4878.95	0.00	0.00	64.65	1.10
133	-8424.50	0.00	-2397.26	32.33	32.33	6.61
134	-8424.50	-3843.06	0.00	0.00	64.65	1.00
135	-8843.07	0.00	-2431.13	32.33	32.33	6.70
136	-8843.07	-4369.26	0.00	0.00	64.65	1.08
137	-7906.83	0.00	-2502.35	32.33	32.33	6.93
138	-7906.83	-4178.34	0.00	0.00	64.65	0.99
139	-9360.74	0.00	-2326.04	32.33	32.33	6.37
140	-9360.74	-4033.99	0.00	0.00	64.65	1.08
141	-8424.50	0.00	-2397.26	32.33	32.33	6.61
142	-8424.50	-3843.06	0.00	0.00	64.65	1.00
143	-8843.07	0.00	-2431.13	32.33	32.33	6.70
144	-8843.07	-4369.26	0.00	0.00	64.65	1.08
145	-7906.83	0.00	-2502.35	32.33	32.33	6.93
146	-7906.83	-4178.34	0.00	0.00	64.65	0.99
147	-9360.74	0.00	-2326.04	32.33	32.33	6.37
148	-9360.74	-4033.99	0.00	0.00	64.65	1.08
149	-6961.92	0.00	-3018.41	32.33	32.33	8.42
150	-6961.92	-4430.89	0.00	0.00	64.65	0.95

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
101		SLE Q	-8424.50	-2397.26	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	188.63	2138.83	0.04	0.01
103		SLE Q	-8843.07	-2431.13	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	187.17	2109.37	0.04	0.01
105		SLE Q	-7906.83	-2502.35	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	209.25	2222.69	0.04	0.01
107		SLE Q	-9360.74	-2326.04	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	166.89	2015.91	0.03	0.01
109		SLE Q	-8424.50	-2397.26	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	188.63	2138.83	0.04	0.01
111		SLE Q	-8843.07	-2431.13	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	187.17	2109.37	0.04	0.01
113		SLE Q	-7906.83	-2502.35	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	209.25	2222.69	0.04	0.01
115		SLE Q	-9360.74	-2326.04	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	166.89	2015.91	0.03	0.01
117		SLE Q	-7471.59	-1895.82	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	138.14	2036.13	0.03	0.01
119		SLE Q	-7890.15	-1929.69	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	136.79	2000.21	0.03	0.01
121		SLE Q	-6953.91	-2000.91	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	158.51	2148.08	0.03	0.01
123		SLE Q	-8407.82	-1824.59	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	116.92	1872.67	0.02	0.01
125		SLE Q	-7471.59	-1895.82	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	138.14	2036.13	0.03	0.01
127		SLE Q	-7890.15	-1929.69	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	136.79	2000.21	0.03	0.01
129		SLE Q	-6953.91	-2000.91	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	158.51	2148.08	0.03	0.01
131		SLE Q	-8407.82	-1824.59	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	116.92	1872.67	0.02	0.01
133		SLE Q	-8424.50	-2397.26	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	188.63	2138.83	0.04	0.01
135		SLE Q	-8843.07	-2431.13	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	187.17	2109.37	0.04	0.01
137		SLE Q	-7906.83	-2502.35	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	209.25	2222.69	0.04	0.01
139		SLE Q	-9360.74	-2326.04	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	166.89	2015.91	0.03	0.01
141		SLE Q	-8424.50	-2397.26	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	188.63	2138.83	0.04	0.01
143		SLE Q	-8843.07	-2431.13	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	187.17	2109.37	0.04	0.01
145		SLE Q	-7906.83	-2502.35	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	209.25	2222.69	0.04	0.01
147		SLE Q	-9360.74	-2326.04	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	166.89	2015.91	0.03	0.01
149		SLE Q	-6961.92	-3018.41	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	289.26	2418.48	0.06	0.02
151		SLE F	1848.15	-5912.17	0.00	33.00	196.00	0.14	216.71	14.00	1.54	223.55	800.74	2958.71	0.16	0.06
152		SLE F	1848.15	0.00	-5589.21	33.00	196.00	0.24	300.92	14.00	1.54	223.55	113.28	5085.28	0.02	0.01
153		SLE F	1429.59	-5946.05	0.00	33.00	196.00	0.14	216.37	14.00	1.54	223.55	798.65	2945.08	0.16	0.06
154		SLE F	1429.59	0.00	-6115.42	33.00	196.00	0.24	300.46	14.00	1.54	223.55	111.35	4845.46	0.02	0.01
155		SLE F	2365.83	-6017.27	0.00	33.00	196.00	0.14	217.09	14.00	1.54	223.55	822.53	2973.85	0.16	0.06
156		SLE F	2365.83	0.00	-5924.49	33.00	196.00	0.24	301.21	14.00	1.54	223.55	128.74	5240.19	0.02	0.01
157		SLE F	911.91	-5840.95	0.00	33.00	196.00	0.14	215.97	14.00	1.54	223.55	776.88	2929.07	0.15	0.06
158		SLE F	911.91	0.00	-5780.14	33.00	196.00	0.24	300.06	14.00	1.54	223.55	95.96	4637.97	0.02	0.01
159		SLE F	-19740.10	-2606.60	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	81.96	1153.67	0.02	0.01
161		SLE F	-20158.60	-2640.48	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	81.61	1139.98	0.02	0.01
163		SLE F	-19222.40	-2711.70	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	97.36	1264.51	0.02	0.01
165		SLE F	-20676.30	-2535.38	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	67.44	1027.44	0.01	0.00
167		SLE F	2801.07	-5410.73	0.00	33.00	196.00	0.14	217.67	14.00	1.54	223.55	750.14	2997.07	0.15	0.05

168	SLE F	2801.07	0.00	-6434.17	33.00	196.00	0.24	301.36	14.00	1.54	223.55	144.75	5316.88	0.03	0.01
169	SLE F	2382.51	-5444.60	0.00	33.00	196.00	0.14	217.30	14.00	1.54	223.55	748.03	2982.16	0.15	0.05
170	SLE F	2382.51	0.00	-6960.37	33.00	196.00	0.24	300.97	14.00	1.54	223.55	142.79	5112.36	0.03	0.01
171	SLE F	3318.75	-5515.83	0.00	33.00	196.00	0.14	218.05	14.00	1.54	223.55	771.96	3012.62	0.15	0.06
172	SLE F	3318.75	0.00	-6769.44	33.00	196.00	0.24	301.57	14.00	1.54	223.55	160.22	5428.19	0.03	0.02
173	SLE F	1864.83	-5339.51	0.00	33.00	196.00	0.14	216.88	14.00	1.54	223.55	726.23	2965.61	0.14	0.05
174	SLE F	1864.83	0.00	-6625.10	33.00	196.00	0.24	300.69	14.00	1.54	223.55	127.34	4966.82	0.02	0.01
175	SLE F	-18787.10	-2105.16	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	44.32	874.24	0.01	0.00
177	SLE F	-19205.70	-2139.03	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	44.27	864.04	0.01	0.00
179	SLE F	-18269.50	-2210.26	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	56.90	1004.40	0.01	0.00
181	SLE F	-19723.40	-2033.94	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	33.38	736.98	0.01	0.00
183	SLE F	-7359.02	-5175.39	0.00	33.00	196.00	0.13	207.74	14.00	1.54	223.55	563.62	2611.45	0.11	0.04
184	SLE F	-7359.02	0.00	-6739.21	33.00	196.00	0.19	261.52	14.00	1.54	223.55	2.20	507.44	0.00	0.00
185	SLE F	-7777.58	-5209.26	0.00	33.00	196.00	0.13	207.34	14.00	1.54	223.55	561.77	2596.33	0.11	0.04
186	SLE F	-7777.58	0.00	-7265.41	33.00	196.00	0.20	264.93	14.00	1.54	223.55	2.68	530.69	0.00	0.00
187	SLE F	-6841.34	-5280.49	0.00	33.00	196.00	0.13	208.46	14.00	1.54	223.55	585.08	2638.14	0.11	0.04
188	SLE F	-6841.34	0.00	-7074.48	33.00	196.00	0.21	276.23	14.00	1.54	223.55	4.31	649.14	0.00	0.00
189	SLE F	-8295.25	-5104.17	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	540.37	2568.04	0.10	0.04
190	SLE F	-8295.25	0.00	-6930.14	33.00	196.00	0.16	232.36	14.00	1.54	223.55	1.04	378.97	0.00	0.00
191	SLE F	-10479.00	-2252.05	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	143.01	1861.54	0.03	0.01
193	SLE F	-10897.50	-2285.93	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	141.84	1833.27	0.03	0.01
195	SLE F	-9961.30	-2357.15	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	162.79	1966.69	0.03	0.01
197	SLE F	-11415.20	-2180.83	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	122.64	1717.15	0.02	0.01
199	SLE F	-6961.92	-3018.41	0.00	33.00	196.00	0.13	206.85	14.00	1.54	223.55	289.26	2418.48	0.06	0.02

Verifiche principali

Caso	Tipo
1	SLU Taglio - min sic. c.a.
5	SLU N cost - min sic.
55	C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.)
85	C.Rare - Sf min (max compr.)
100	C.Rare - Sc max (min compr.)
120	C.Q.Per. - Sc max (min compr.)
149	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
155	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SOL_1-1) "SOLETTA"

Sezione degli elementi bidimensionali n. 4
in corrispondenza dei nodi -551 -552 -548 -549 -545 -546 -626 -544 -542 -543 -547 -550

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	-21555.50	132.63	0.00	-21555.70	27545.70	0.00	>100
15		SLU	-10989.10	-6939.49	0.00	-10989.10	-26682.90	0.00	3.845

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	860.36	860.36	41772.40
15	0.00	1735.91	1735.91	40491.70

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
65	-8074.45	0.00	-5134.15	34.18	34.18	24.12	717.23
79	-8447.94	0.00	-5082.56	34.18	34.18	23.87	703.31
100	-4107.23	-1023.41	0.00	0.00	68.36	0.59	8.61
107	-2540.25	0.00	-599.70	34.18	34.18	2.77	
120	-2773.93	-838.80	0.00	0.00	68.36	0.42	
149	-4107.23	0.00	-501.91	34.18	34.18	2.20	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
107		SLE Q	-2540.25	-599.70	0.00	40.00	200.00	0.13	232.68	16.00	34.18	4814.31	60.92	1589.39	0.01	0.00
149		SLE Q	-4107.23	-501.91	0.00	40.00	200.00	0.13	232.68	16.00	34.18	4814.31	26.44	1034.23	0.01	0.00
165		SLE F	-6690.90	-4000.54	0.00	40.00	200.00	0.13	232.68	16.00	34.18	4814.31	552.97	1910.48	0.11	0.04

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
15	SLU N cost - min sic.
65	C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.)
79	C.Rare - Sf min (max compr.)
100	C.Rare - Sc max (min compr.)
107	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Wk Max

120 C.Q.Per. - Sc max (min compr.)
149 C.Q.Per. - Sf min (max compr.)
165 C.Freq - Wk Max

Elementi bidimensionali (nome del file: SOL_2-2) "SOLETTA"

Sezione degli elementi bidimensionali n. 4
in corrispondenza dei nodi -501 -485 -533 -565 -549 -597 -706 -661 -613

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	-1355.60	243.37	0.00	-1355.59	16798.60	-0.01	69.026
6		SLU	-1407.98	0.00	-8830.99	-1407.99	0.00	-165726.00	18.766

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	-86.42	86.42	25524.70
6	-3639.03	0.00	3639.03	20009.30

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
56	-1058.52	-6586.42	0.00	32.17	12.06	5.69	213.83
72	-1462.23	-6580.71	0.00	32.17	12.06	5.66	202.10
117	-1227.91	0.00	-40.82	0.00	44.23	0.34	
150	-854.91	-738.44	0.00	20.11	24.13	0.55	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
150		SLE Q	-854.91	0.00	-738.44	40.00	154.00	0.13	209.36	16.00	20.11	2477.08	6.24	1197.43	0.00	0.00
156		SLE F	-1013.04	0.00	-4984.50	40.00	154.00	0.13	209.04	16.00	28.15	3456.54	155.77	2625.17	0.03	0.01

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
6	SLU N cost - min sic.
56	C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.)
72	C.Rare - Sf min (max compr.)
117	C.Q.Per. - Sc max (min compr.)
150	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
156	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SOL_3-3) "SOLETTA"

Sezione degli elementi bidimensionali n. 4
in corrispondenza dei nodi -552 11 -616 15 12 -488 -536 16 -600

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	738.04	63.98	0.00	738.52	16627.30	0.00	>100
11		SLU	-4606.16	-1508.21	0.00	-4606.18	-17064.20	0.00	11.314

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	15.69	15.69	25360.40
11	0.00	7754.79	7754.79	25918.60

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
61	-3510.24	0.00	-1118.61	22.12	22.12	8.06	202.16
75	-4099.93	0.00	-1119.33	22.12	22.12	8.03	189.46
96	10429.10	1126.18	0.00	44.23	0.00	0.00	299.42
106	-283.80	76.57	0.00	0.00	44.23	0.08	
150	-204.39	405.23	0.00	28.15	16.09	0.34	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
150		SLE Q	-204.39	0.00	405.23	40.00	154.00	0.13	209.04	16.00	28.15	3456.54	9.29	2213.49	0.00	0.00
194		SLE F	7833.97	0.00	791.12	40.00	154.00	0.20	266.63	16.00	44.23	5415.45	221.82	3696.12	0.04	0.02

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
11	SLU N cost - min sic.
61	C.Rare - Sc min (max compr.)
75	C.Rare - Sf min (max compr.)
96	C.Rare - Sf max (max traz.)
106	C.Q.Per. - Sc max (min compr.)
150	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
194	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SOL_4-4) "SOLETTA"

Sezione degli elementi bidimensionali n. 4
in corrispondenza dei nodi -592 -560 -656 -528 -701 -544 -608

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	1493.17	5.48	0.00	1493.19	10661.30	0.00	>100
9		SLU	-5968.57	-1849.90	0.00	-5968.57	-11275.50	-0.00	6.095

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	355.73	355.73	17125.80
9	0.00	-7515.49	7515.49	17849.20

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
59	-4411.52	0.00	-1367.78	14.07	14.07	14.67	380.83
65	-4488.22	0.00	-1368.56	14.07	14.07	14.67	378.47
77	-4620.46	0.00	-1363.53	14.07	14.07	14.61	371.95
101	-722.63	0.00	-84.37	14.07	14.07	0.83	
122	-854.87	-193.58	0.00	0.00	28.15	0.36	
123	-873.95	0.00	-82.59	14.07	14.07	0.79	
149	-533.58	0.00	-72.07	14.07	14.07	0.73	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
101		SLE Q	-722.63	-84.37	0.00	40.00	200.00	0.13	233.16	16.00	14.07	1990.73	9.72	1033.97	0.00	0.00
149		SLE Q	-533.58	-72.07	0.00	40.00	200.00	0.13	233.16	16.00	14.07	1990.73	10.51	1215.63	0.00	0.00
123		SLE Q	-873.95	-82.59	0.00	40.00	200.00	0.13	233.16	16.00	14.07	1990.73	5.87	736.35	0.00	0.00
159		SLE F	-3489.30	-1046.93	0.00	40.00	200.00	0.13	233.16	16.00	14.07	1990.73	287.60	1832.13	0.06	0.02

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
9	SLU N cost - min sic.
59	C.Rare - Sf max (max traz.)
65	C.Rare - Sc min (max compr.)
77	C.Rare - Sf min (max compr.)
101	C.Q.Per. - Sc min (max compr.)
122	C.Q.Per. - Sc max (min compr.)
123	C.Q.Per. - Sf min (max compr.)
149	C.Q.Per. - Sf max (max traz.),C.Q.Per. - Wk Max
159	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SOL_5-5) "SOLETTA"

Sezione degli elementi bidimensionali n. 4
in corrispondenza dei nodi -542 -658 -558 -703 -590 -606 -526

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	-18.22	-174.23	0.00	-19.79	-10786.10	-0.00	61.908
27		SLU	-5411.69	2176.98	0.00	-5411.71	11229.70	0.00	5.158

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	130.58	130.58	17128.10
27	0.00	-7781.93	7781.93	17781.70

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
56	-65.44	13.43	0.00	0.00	28.15	0.03	0.35
77	-4033.23	0.00	1612.67	14.07	14.07	17.39	489.90
81	-3998.69	0.00	1610.02	14.07	14.07	17.37	490.07
119	-843.63	0.00	206.66	14.07	14.07	2.20	
123	-809.09	0.00	204.00	14.07	14.07	2.17	
124	-809.09	-209.06	0.00	0.00	28.15	0.36	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
119		SLE Q	-843.63	206.66	0.00	40.00	200.00	0.13	233.16	16.00	14.07	1990.73	51.49	1725.05	0.01	0.00
123		SLE Q	-809.09	204.00	0.00	40.00	200.00	0.13	233.16	16.00	14.07	1990.73	51.62	1741.89	0.01	0.00
181		SLE F	-3201.29	1258.51	0.00	40.00	200.00	0.13	233.16	16.00	14.07	1990.73	380.41	1940.72	0.07	0.03

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
27	SLU N cost - min sic.
56	C.Rare - Sc max (min compr.)
77	C.Rare - Sc min (max compr.),C.Rare - Sf min (max compr.)
81	C.Rare - Sf max (max traz.)
119	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf min (max compr.)
123	C.Q.Per. - Sf max (max traz.),C.Q.Per. - Wk Max
124	C.Q.Per. - Sc max (min compr.)
181	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SOL_6-6) "SOLETTA"

Sezione degli elementi bidimensionali n. 4
in corrispondenza dei nodi -610 -609 -612 -611 -608 -607

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	-2716.64	791.76	0.00	-2717.23	9501.77	0.00	12.001
29		SLU	-4087.21	2026.20	0.00	-4087.36	9614.62	0.00	4.745

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	-2065.46	2065.46	15211.70
29	0.00	-15224.50	15224.50	15377.80

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
79	-3015.25	0.00	1490.93	12.06	12.06	18.59	557.02
100	-1128.25	126.19	0.00	0.00	24.13	0.44	5.95
124	-1031.26	154.04	0.00	0.00	24.13	0.44	
149	-1128.25	0.00	316.61	12.06	12.06	3.90	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
149		SLE Q	-1128.25	316.61	0.00	40.00	200.00	0.13	234.14	16.00	12.06	1721.18	98.32	1828.84	0.02	0.01
179		SLE F	-2535.22	1196.51	0.00	40.00	200.00	0.13	234.14	16.00	12.06	1721.18	442.21	2030.92	0.09	0.03

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
29	SLU N cost - min sic.
79	C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.),C.Rare - Sf min (max compr.)
100	C.Rare - Sc max (min compr.)
124	C.Q.Per. - Sc max (min compr.)
149	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
179	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SOL_7-7) "SOLETTA"

Sezione degli elementi bidimensionali n. 4
in corrispondenza dei nodi 4 -499 -500 -501 -502 -496 1 9 12 -623

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	-29389.40	1076.32	0.00	-29389.50	22288.00	0.00	20.708
13		SLU	-9002.68	-4656.94	0.00	-9002.68	-20620.90	0.00	4.428

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	-3267.19	3267.19	34494.60
13	0.00	-19939.50	19939.50	32023.80

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
63	-6598.46	0.00	-3460.69	26.14	26.14	20.65	607.52
73	-21939.00	0.00	850.70	0.00	52.28	5.32	65.14
75	-6854.79	0.00	-3402.88	26.14	26.14	20.30	590.33
105	-2392.04	0.00	-206.54	26.14	26.14	1.08	
106	-2392.04	403.95	0.00	0.00	52.28	0.41	
150	-4566.42	920.80	0.00	0.00	52.28	0.83	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
105		SLE Q	-2392.04	-206.54	0.00	40.00	200.00	0.13	232.78	16.00	26.14	3684.88	6.09	592.30	0.00	0.00
163		SLE F	-5546.85	-2647.15	0.00	40.00	200.00	0.13	232.78	16.00	26.14	3684.88	455.11	1934.30	0.09	0.03

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
13	SLU N cost - min sic.
63	C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.)
73	C.Rare - Sc max (min compr.)
75	C.Rare - Sf min (max compr.)
105	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Wk Max
106	C.Q.Per. - Sc max (min compr.)
150	C.Q.Per. - Sf min (max compr.)
163	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SBALZO) "PARETE VERTICALE SBALZO"

Sezione degli elementi bidimensionali n. 6
in corrispondenza dei nodi -490 -437 -362

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Sic.
1		SLU	4961.38	1414.57	0.00	4968.69	9853.89	-0.00	6.966
45		SLU	2275.42	6511.60	0.00	2277.25	10846.30	-0.00	1.666

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	Vsdu <kg>	Vrdu <kg>
1	0.00	-3387.77	3387.77	7592.02
45	0.00	-6373.86	6373.86	7592.02

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
93	1461.83	0.00	4773.74	6.28	1.57	34.86	2541.69
95	1684.32	0.00	4789.61	6.28	1.57	34.97	2584.40
102	-261.50	9.66	0.00	0.00	7.85	0.17	
149	160.44	0.00	374.53	6.28	1.57	2.73	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
149		SLE Q	160.44	374.53	0.00	30.00	140.00	0.22	195.99	10.00	0.79	96.45	206.62	5706.65	0.04	0.01
195		SLE F	1219.13	3673.31	0.00	30.00	140.00	0.22	195.80	10.00	0.79	96.45	1970.63	5620.23	0.38	0.13

Verifiche effettuate

Caso	Tipo
1	SLU Taglio - min sic. c.a.
45	SLU N cost - min sic.

93 C.Rare - Sf min (max compr.)
95 C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.)
102 C.Q.Per. - Sc max (min compr.)
149 C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
195 C.Freq - Wk Max

Elementi bidimensionali (nome del file: VERT_CENTRALE_TOT) "PARETE VERTCALE"

Sezione degli elementi bidimensionali n. 6
in corrispondenza dei nodi -269 -309 -357 -432 -485 -229 -43

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Rott.	α <grad>	ε_c	TS	Sic.
1		SLU	-14185.70	-7372.29	0.00	-14194.90	-88322.00	0.00	1-2	0.00	-2.43	N/e	11.980
2		SLU	-14185.70	0.00	1431.84	-14187.30	-0.00	10936.40	1-2	90.00	-2.32	N/e	7.638
3		SLU	-14191.30	-7367.30	0.00	-14200.30	-88327.30	0.00	1-2	0.00	-2.43	N/e	11.989
4		SLU	-14191.30	0.00	1428.58	-14192.90	-0.00	10937.10	1-2	90.00	-2.32	N/e	7.656
5		SLU	-14404.70	-7523.89	0.00	-14406.70	-88533.90	-0.00	1-2	0.00	-2.44	N/e	11.767
6		SLU	-14404.70	0.00	1436.84	-14406.40	-0.00	10963.90	1-2	90.00	-2.32	N/e	7.631
7		SLU	-13972.30	-7215.70	0.00	-13972.70	-88099.50	0.00	1-2	0.00	-2.43	N/e	12.209
8		SLU	-13972.30	0.00	1423.58	-13973.70	-0.00	10909.60	1-2	90.00	-2.31	N/e	7.663
9		SLU	-3181.30	-1618.48	0.00	-3181.32	-77195.20	0.00	1-2	0.00	-2.18	N/e	47.696
10		SLU	-3181.30	0.00	-702.59	-3181.45	-0.00	-9546.62	1-2	270.00	-2.09	N/e	13.588
11		SLU	-3186.87	-1613.49	0.00	-3186.94	-77201.00	0.00	1-2	0.00	-2.18	N/e	47.847
12		SLU	-3186.87	0.00	-705.85	-3186.94	-0.00	-9547.32	1-2	270.00	-2.09	N/e	13.526
13		SLU	-3400.29	-1770.08	0.00	-3400.32	-77418.60	0.00	1-2	0.00	-2.19	N/e	43.737
14		SLU	-3400.29	0.00	-697.59	-3400.48	-0.00	-9574.46	1-2	270.00	-2.10	N/e	13.725
15		SLU	-2967.87	-1461.89	0.00	-2967.97	-76977.50	0.00	1-2	0.00	-2.18	N/e	52.656
16		SLU	-2967.87	0.00	-710.85	-2967.98	0.00	-9519.48	1-2	270.00	-2.09	N/e	13.392
17		SLU	-14981.90	-7634.16	0.00	-14983.40	-89110.00	0.00	1-2	0.00	-2.45	N/e	11.672
18		SLU	-14981.90	0.00	1493.61	-14989.90	-0.00	11037.00	1-2	90.00	-2.34	N/e	7.389
19		SLU	-14987.50	-7629.17	0.00	-14989.20	-89115.70	0.00	1-2	0.00	-2.45	N/e	11.681
20		SLU	-14987.50	0.00	1490.36	-14995.20	-0.00	11037.70	1-2	90.00	-2.34	N/e	7.406
21		SLU	-15200.90	-7785.76	0.00	-15204.70	-89330.70	-0.00	1-2	0.00	-2.45	N/e	11.474
22		SLU	-15200.90	0.00	1498.62	-15200.90	-0.00	11063.50	1-2	90.00	-2.34	N/e	7.382
23		SLU	-14768.50	-7477.57	0.00	-14768.60	-88895.50	-0.00	1-2	0.00	-2.44	N/e	11.888
24		SLU	-14768.50	0.00	1485.36	-14770.30	-0.00	11009.50	1-2	90.00	-2.33	N/e	7.412
25		SLU	-3977.55	-1880.35	0.00	-3980.12	-78009.90	-0.00	1-2	0.00	-2.20	N/e	41.487
26		SLU	-3977.55	0.00	-640.82	-3977.89	-0.00	-9647.83	1-2	270.00	-2.11	N/e	15.056
27		SLU	-3983.11	-1875.36	0.00	-3985.75	-78015.60	0.00	1-2	0.00	-2.20	N/e	41.600
28		SLU	-3983.11	0.00	-644.07	-3983.54	-0.00	-9648.54	1-2	270.00	-2.11	N/e	14.980
29		SLU	-4196.54	-2031.95	0.00	-4196.55	-78230.50	0.00	1-2	0.00	-2.20	N/e	38.500
30		SLU	-4196.54	0.00	-635.81	-4197.00	0.00	-9675.66	1-2	270.00	-2.11	N/e	15.218
31		SLU	-3764.12	-1723.75	0.00	-3764.41	-77789.90	-0.00	1-2	0.00	-2.19	N/e	45.128
32		SLU	-3764.12	0.00	-649.07	-3764.52	-0.00	-9620.72	1-2	270.00	-2.10	N/e	14.822
33		SLU	-13173.70	-7375.04	0.00	-13183.20	-87308.70	-0.00	1-2	0.00	-2.41	N/e	11.838
34		SLU	-13173.70	0.00	1129.21	-13175.00	-0.00	10809.30	1-2	90.00	-2.29	N/e	9.572
35		SLU	-13179.20	-7370.05	0.00	-13188.80	-87314.30	0.00	1-2	0.00	-2.41	N/e	11.847
36		SLU	-13179.20	0.00	1125.95	-13180.50	-0.00	10810.00	1-2	90.00	-2.30	N/e	9.601
37		SLU	-13392.70	-7526.64	0.00	-13392.80	-87518.70	-0.00	1-2	0.00	-2.41	N/e	11.628
38		SLU	-13392.70	0.00	1134.21	-13394.00	-0.00	10836.80	1-2	90.00	-2.30	N/e	9.554
39		SLU	-12960.20	-7218.44	0.00	-12967.60	-87092.70	0.00	1-2	0.00	-2.40	N/e	12.065
40		SLU	-12960.20	0.00	1120.95	-12970.20	-0.00	10783.50	1-2	90.00	-2.29	N/e	9.620
41		SLU	-2045.62	1630.24	0.00	-2045.65	76035.90	0.00	1-2	180.00	-2.16	N/e	46.641
42		SLU	-2045.62	0.00	-84.55	-2049.62	-0.00	-9402.63	1-2	270.00	-2.07	N/e	>100
43		SLU	-2051.19	1635.23	0.00	-2051.21	76041.60	0.00	1-2	180.00	-2.16	N/e	46.502
44		SLU	-2051.19	0.00	-87.81	-2055.15	-0.00	-9403.33	1-2	270.00	-2.07	N/e	>100
45		SLU	-2264.61	1478.64	0.00	-2264.65	76259.60	0.00	1-2	180.00	-2.16	N/e	51.574
46		SLU	-2264.61	0.00	-79.55	-2271.23	-0.00	-9430.84	1-2	270.00	-2.07	N/e	>100
47		SLU	-1832.19	1786.84	0.00	-1832.16	75817.50	0.00	1-2	180.00	-2.15	N/e	42.431
48		SLU	-1832.19	0.00	-92.81	-1833.52	0.00	-9375.12	1-2	270.00	-2.07	N/e	>100
49		SLU	-2792.18	-997.34	0.00	-2792.21	-76798.20	0.00	1-2	0.00	-2.17	N/e	77.003
50		SLU	-2792.18	0.00	130.04	-2792.20	-0.00	9497.12	1-2	90.00	-2.08	N/e	73.034

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	bw <m>	Af tesa <cmq>	Vsdu <kg>	Vrdu <kg>
1	0.00	2449.21	0.30	11.00	2449.21	18980.60
2	286.98	0.00	2.37	8.64	286.98	29672.70
3	0.00	3148.98	0.30	11.00	3148.98	18981.30
4	284.42	0.00	2.37	8.64	284.42	29673.40
5	0.00	2752.75	0.30	11.00	2752.75	19010.90
6	289.58	0.00	2.37	8.64	289.58	29701.40
7	0.00	2845.44	0.30	11.00	2845.44	18951.10
8	281.82	0.00	2.37	8.64	281.82	29644.70
9	0.00	2614.67	0.30	11.00	2614.67	17458.80
10	-16.73	0.00	2.37	8.64	16.73	28231.10
11	0.00	3314.44	0.30	11.00	3314.44	17459.50
12	-19.29	0.00	2.37	8.64	19.29	28231.80
13	0.00	2918.21	0.30	11.00	2918.21	17489.00

14	-14.13	0.00	2.37	8.64	14.13	28259.80
15	0.00	3010.90	0.30	11.00	3010.90	17429.20
16	-21.89	0.00	2.37	8.64	21.89	28203.10
17	0.00	2816.94	0.30	11.00	2816.94	19090.70
18	307.86	0.00	2.37	8.64	307.86	29777.00
19	0.00	3516.71	0.30	11.00	3516.71	19091.50
20	305.30	0.00	2.37	8.64	305.30	29777.70
21	0.00	3120.48	0.30	11.00	3120.48	19121.00
22	310.46	0.00	2.37	8.64	310.46	29805.70
23	0.00	3213.17	0.30	11.00	3213.17	19061.20
24	302.70	0.00	2.37	8.64	302.70	29749.00
25	0.00	2982.39	0.30	11.00	2982.39	17568.90
26	4.14	0.00	2.37	8.64	4.14	28335.40
27	0.00	3682.17	0.30	11.00	3682.17	17569.60
28	1.59	0.00	2.37	8.64	1.59	28336.10
29	0.00	3285.94	0.30	11.00	3285.94	17599.20
30	6.75	0.00	2.37	8.64	6.75	28364.10
31	0.00	3378.62	0.30	11.00	3378.62	17539.40
32	-1.02	0.00	2.37	8.64	1.02	28307.40
33	0.00	3430.32	0.30	11.00	3430.32	18840.60
34	201.68	0.00	2.37	8.64	201.68	29540.10
35	0.00	4130.10	0.30	11.00	4130.10	18841.40
36	199.12	0.00	2.37	8.64	199.12	29540.80
37	0.00	3733.87	0.30	11.00	3733.87	18870.90
38	204.29	0.00	2.37	8.64	204.29	29568.80
39	0.00	3826.55	0.30	11.00	3826.55	18811.10
40	196.52	0.00	2.37	8.64	196.52	29512.10
41	0.00	-2724.04	0.30	11.00	2724.04	17301.70
42	-10.19	0.00	2.37	8.64	10.19	28082.30
43	0.00	-2024.27	0.30	11.00	2024.27	17302.50
44	-12.75	0.00	2.37	8.64	12.75	28083.00
45	0.00	-2420.50	0.30	11.00	2420.50	17332.00
46	-7.59	0.00	2.37	8.64	7.59	28111.00
47	0.00	-2327.81	0.30	11.00	2327.81	17272.20
48	-15.35	0.00	2.37	8.64	15.35	28054.40
49	0.00	1135.53	0.30	11.00	1135.53	17404.90
50	26.97	0.00	2.37	8.64	26.97	28180.10

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
51	-10291.70	0.00	-5449.93	3.14	14.14	3.37	45.85
52	-10291.70	1037.02	0.00	8.64	8.64	5.00	58.32
53	-10297.30	0.00	-5444.94	3.14	14.14	3.37	45.83
54	-10297.30	1033.76	0.00	8.64	8.64	4.98	58.14
55	-10510.70	0.00	-5601.54	3.14	14.14	3.46	47.04
56	-10510.70	1042.02	0.00	8.64	8.64	5.00	58.63
57	-10078.30	0.00	-5293.34	3.14	14.14	3.28	44.64
58	-10078.30	1028.76	0.00	8.64	8.64	4.98	57.83
59	-2140.33	0.00	-1187.85	3.14	14.14	0.73	9.87
60	-2140.33	-544.04	0.00	8.64	8.64	3.54	135.78
61	-2145.90	0.00	-1182.86	3.14	14.14	0.73	9.85
62	-2145.90	-547.30	0.00	8.64	8.64	3.56	136.97
63	-2359.33	0.00	-1339.45	3.14	14.14	0.82	11.08
64	-2359.33	-539.04	0.00	8.64	8.64	3.45	122.21
65	-1926.90	0.00	-1031.25	3.14	14.14	0.64	8.65
66	-1926.90	-552.30	0.00	8.64	8.64	3.65	150.89
67	-10822.60	0.00	-5624.51	1.57	15.71	3.50	47.58
68	-10822.60	1078.20	0.00	8.64	8.64	5.18	60.66
69	-10828.10	0.00	-5619.52	1.57	15.71	3.49	47.56
70	-10828.10	1074.94	0.00	8.64	8.64	5.16	60.48
71	-11041.60	0.00	-5776.11	3.14	14.14	3.59	48.77
72	-11041.60	1083.20	0.00	8.64	8.64	5.18	60.98
73	-10609.10	0.00	-5467.92	1.57	15.71	3.41	46.38
74	-10609.10	1069.94	0.00	8.64	8.64	5.16	60.17
75	-2671.16	0.00	-1362.43	1.57	15.71	0.85	11.59
76	-2671.16	-502.86	0.00	8.64	8.64	3.09	90.98
77	-2676.73	0.00	-1357.44	1.57	15.71	0.85	11.57
78	-2676.73	-506.12	0.00	8.64	8.64	3.11	92.12
79	-2890.16	0.00	-1514.03	3.14	14.14	0.94	12.78
80	-2890.16	-497.86	0.00	8.64	8.64	2.98	78.89
81	-2457.73	0.00	-1205.83	1.57	15.71	0.76	10.40
82	-2457.73	-511.12	0.00	8.64	8.64	3.21	104.83
83	-9542.08	0.00	-5451.97	3.14	14.14	3.34	45.04
84	-9542.08	812.85	0.00	8.64	8.64	3.79	46.41
85	-9547.65	0.00	-5446.98	3.14	14.14	3.33	45.01
86	-9547.65	809.59	0.00	8.64	8.64	3.78	46.26
87	-9761.08	0.00	-5603.57	3.14	14.14	3.43	46.25
88	-9761.08	817.85	0.00	8.64	8.64	3.81	46.82
89	-9328.66	0.00	-5295.37	3.14	14.14	3.24	43.80
90	-9328.66	804.59	0.00	8.64	8.64	3.76	45.85

91	-1299.09	0.00	1218.61	9.42	7.85	0.87	15.02
92	-1299.09	-86.24	0.00	8.64	8.64	0.41	5.28
93	-1304.65	0.00	1223.60	9.42	7.85	0.88	15.07
94	-1304.65	-89.49	0.00	8.64	8.64	0.43	5.41
95	-1518.08	0.00	1067.01	6.28	11.00	0.66	8.72
96	-1518.08	-81.23	0.00	0.00	17.28	0.42	5.50
97	-1085.66	0.00	1375.21	12.57	4.71	1.18	35.56
98	-1085.66	-94.49	0.00	8.64	8.64	0.44	5.38
99	-2141.94	0.00	-880.05	0.00	17.28	0.59	8.21
100	-2141.94	107.79	0.00	0.00	17.28	0.58	7.56
101	-1023.98	0.00	-292.58	0.00	17.28	0.24	
102	-1023.98	-27.47	0.00	0.00	17.28	0.21	
103	-1029.55	0.00	-287.59	0.00	17.28	0.24	
104	-1029.55	-30.73	0.00	0.00	17.28	0.22	
105	-1242.97	0.00	-444.19	0.00	17.28	0.32	
106	-1242.97	-22.47	0.00	0.00	17.28	0.23	
107	-810.55	0.00	-135.99	0.00	17.28	0.16	
108	-810.55	-35.73	0.00	0.00	17.28	0.20	
109	-1023.98	0.00	-292.58	0.00	17.28	0.24	
110	-1023.98	-27.47	0.00	0.00	17.28	0.21	
111	-1029.55	0.00	-287.59	0.00	17.28	0.24	
112	-1029.55	-30.73	0.00	0.00	17.28	0.22	
113	-1242.97	0.00	-444.19	0.00	17.28	0.32	
114	-1242.97	-22.47	0.00	0.00	17.28	0.23	
115	-810.55	0.00	-135.99	0.00	17.28	0.16	
116	-810.55	-35.73	0.00	0.00	17.28	0.20	
117	-1554.81	0.00	-467.16	0.00	17.28	0.37	
118	-1554.81	13.71	0.00	0.00	17.28	0.25	
119	-1560.38	0.00	-462.17	0.00	17.28	0.37	
120	-1560.38	10.45	0.00	0.00	17.28	0.24	
121	-1773.81	0.00	-618.76	0.00	17.28	0.45	
122	-1773.81	18.71	0.00	0.00	17.28	0.29	
123	-1341.38	0.00	-310.57	0.00	17.28	0.29	
124	-1341.38	5.45	0.00	0.00	17.28	0.20	
125	-1554.81	0.00	-467.16	0.00	17.28	0.37	
126	-1554.81	13.71	0.00	0.00	17.28	0.25	
127	-1560.38	0.00	-462.17	0.00	17.28	0.37	
128	-1560.38	10.45	0.00	0.00	17.28	0.24	
129	-1773.81	0.00	-618.76	0.00	17.28	0.45	
130	-1773.81	18.71	0.00	0.00	17.28	0.29	
131	-1341.38	0.00	-310.57	0.00	17.28	0.29	
132	-1341.38	5.45	0.00	0.00	17.28	0.20	
133	-1023.98	0.00	-292.58	0.00	17.28	0.24	
134	-1023.98	-27.47	0.00	0.00	17.28	0.21	
135	-1029.55	0.00	-287.59	0.00	17.28	0.24	
136	-1029.55	-30.73	0.00	0.00	17.28	0.22	
137	-1242.97	0.00	-444.19	0.00	17.28	0.32	
138	-1242.97	-22.47	0.00	0.00	17.28	0.23	
139	-810.55	0.00	-135.99	0.00	17.28	0.16	
140	-810.55	-35.73	0.00	0.00	17.28	0.20	
141	-1023.98	0.00	-292.58	0.00	17.28	0.24	
142	-1023.98	-27.47	0.00	0.00	17.28	0.21	
143	-1029.55	0.00	-287.59	0.00	17.28	0.24	
144	-1029.55	-30.73	0.00	0.00	17.28	0.22	
145	-1242.97	0.00	-444.19	0.00	17.28	0.32	
146	-1242.97	-22.47	0.00	0.00	17.28	0.23	
147	-810.55	0.00	-135.99	0.00	17.28	0.16	
148	-810.55	-35.73	0.00	0.00	17.28	0.20	
149	-2141.94	0.00	-880.05	0.00	17.28	0.59	
150	-2141.94	107.79	0.00	0.00	17.28	0.58	

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
151		SLE F	-7974.80	-4160.59	0.00	33.00	140.00	0.15	190.89	10.00	0.79	125.52	3.85	550.82	0.00	0.00
152		SLE F	-7974.80	0.00	770.89	33.00	140.00	0.13	173.91	10.00	0.79	125.52	25.24	805.63	0.00	0.00
153		SLE F	-7980.36	-4155.60	0.00	33.00	140.00	0.15	190.28	10.00	0.79	125.52	3.79	547.47	0.00	0.00
154		SLE F	-7980.36	0.00	767.64	33.00	140.00	0.13	173.91	10.00	0.79	125.52	24.64	794.43	0.00	0.00
155		SLE F	-8193.79	-4312.20	0.00	33.00	140.00	0.16	193.52	10.00	0.79	125.52	4.28	565.94	0.00	0.00
156		SLE F	-8193.79	0.00	775.90	33.00	140.00	0.13	173.91	10.00	0.79	125.52	23.39	759.46	0.00	0.00
157		SLE F	-7761.37	-4004.00	0.00	33.00	140.00	0.15	187.09	10.00	0.79	125.52	3.37	530.66	0.00	0.00
158		SLE F	-7761.37	0.00	762.64	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.62	843.54	0.01	0.00
159		SLE F	-1861.24	-964.03	0.00	33.00	140.00	0.15	188.49	10.00	0.79	125.52	0.84	537.91	0.00	0.00
160		SLE F	-1861.24	0.00	-414.90	33.00	140.00	0.13	179.79	10.00	0.79	125.52	91.77	3324.15	0.02	0.01
161		SLE F	-1866.81	-959.04	0.00	33.00	140.00	0.14	185.54	10.00	0.79	125.52	0.78	522.92	0.00	0.00
162		SLE F	-1866.81	0.00	-418.16	33.00	140.00	0.13	179.90	10.00	0.79	125.52	92.95	3335.78	0.02	0.01
163		SLE F	-2080.24	-1115.64	0.00	33.00	140.00	0.16	198.47	10.00	0.79	125.52	1.28	597.70	0.00	0.00
164		SLE F	-2080.24	0.00	-409.90	33.00	140.00	0.13	176.78	10.00	0.79	125.52	78.77	3005.56	0.02	0.00
165		SLE F	-1647.81	-807.44	0.00	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.38	420.37	0.00	0.00
166		SLE F	-1647.81	0.00	-423.16	33.00	140.00	0.14	182.60	10.00	0.79	125.52	106.50	3639.38	0.02	0.01
167		SLE F	-8505.63	-4335.17	0.00	33.00	140.00	0.14	182.39	10.00	0.79	125.52	3.26	507.88	0.00	0.00

168	SLE	F	-8505.63	0.00	812.08	33.00	140.00	0.13	173.91	10.00	0.79	125.52	25.30	777.66	0.00	0.00
169	SLE	F	-8511.20	-4330.18	0.00	33.00	140.00	0.14	181.63	10.00	0.79	125.52	3.20	504.37	0.00	0.00
170	SLE	F	-8511.20	0.00	808.82	33.00	140.00	0.13	173.91	10.00	0.79	125.52	24.73	767.29	0.00	0.00
171	SLE	F	-8724.63	-4486.78	0.00	33.00	140.00	0.14	185.93	10.00	0.79	125.52	3.67	524.85	0.00	0.00
172	SLE	F	-8724.63	0.00	817.08	33.00	140.00	0.13	173.91	10.00	0.79	125.52	23.54	735.43	0.00	0.00
173	SLE	F	-8292.20	-4178.58	0.00	33.00	140.00	0.13	177.26	10.00	0.79	125.52	2.80	485.12	0.00	0.00
174	SLE	F	-8292.20	0.00	803.82	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.61	812.02	0.01	0.00
175	SLE	F	-2392.07	-1138.61	0.00	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.32	328.37	0.00	0.00
176	SLE	F	-2392.07	0.00	-373.72	33.00	140.00	0.13	173.91	10.00	0.79	125.52	49.80	2294.51	0.01	0.00
177	SLE	F	-2397.64	-1133.62	0.00	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.27	300.43	0.00	0.00
178	SLE	F	-2397.64	0.00	-376.97	33.00	140.00	0.13	173.91	10.00	0.79	125.52	50.85	2315.64	0.01	0.00
179	SLE	F	-2611.07	-1290.22	0.00	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.69	441.44	0.00	0.00
180	SLE	F	-2611.07	0.00	-368.71	33.00	140.00	0.13	173.91	10.00	0.79	125.52	39.61	1951.15	0.01	0.00
182	SLE	F	-2178.65	0.00	-381.98	33.00	140.00	0.13	173.91	10.00	0.79	125.52	62.25	2664.88	0.01	0.00
183	SLE	F	-7412.56	-4162.12	0.00	33.00	140.00	0.18	207.44	10.00	0.79	125.52	6.39	672.55	0.00	0.00
184	SLE	F	-7412.56	0.00	602.77	33.00	140.00	0.13	173.91	10.00	0.79	125.52	8.94	463.42	0.00	0.00
185	SLE	F	-7418.13	-4157.13	0.00	33.00	140.00	0.18	207.12	10.00	0.79	125.52	6.31	669.38	0.00	0.00
186	SLE	F	-7418.13	0.00	599.51	33.00	140.00	0.13	173.91	10.00	0.79	125.52	8.59	452.56	0.00	0.00
187	SLE	F	-7631.56	-4313.72	0.00	33.00	140.00	0.18	208.48	10.00	0.79	125.52	6.88	683.41	0.00	0.00
188	SLE	F	-7631.56	0.00	607.77	33.00	140.00	0.13	173.91	10.00	0.79	125.52	8.01	426.87	0.00	0.00
189	SLE	F	-7199.13	-4005.53	0.00	33.00	140.00	0.18	205.92	10.00	0.79	125.52	5.82	657.70	0.00	0.00
190	SLE	F	-7199.13	0.00	594.51	33.00	140.00	0.13	173.91	10.00	0.79	125.52	9.58	490.78	0.00	0.00
191	SLE	F	-1230.31	840.81	0.00	33.00	140.00	0.21	225.11	10.00	0.79	125.52	3.27	1054.41	0.00	0.00
193	SLE	F	-1235.88	845.80	0.00	33.00	140.00	0.21	225.18	10.00	0.79	125.52	3.31	1057.86	0.00	0.00
195	SLE	F	-1449.31	689.21	0.00	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.19	324.65	0.00	0.00
197	SLE	F	-1016.88	997.41	0.00	33.00	140.00	0.22	235.08	10.00	0.79	125.52	14.08	2499.54	0.00	0.00
198	SLE	F	-1016.88	0.00	-79.80	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.96	401.34	0.00	0.00

Verifiche principali

Caso	Tipo
1	SLU Taglio - min sic. c.a.
22	SLU N cost - min sic.
66	C.Rare - Sf max (max traz.)
72	C.Rare - Sc min (max compr.),C.Rare - Sf min (max compr.)
100	C.Rare - Sc max (min compr.)
149	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.)
150	C.Q.Per. - Sc max (min compr.)
166	C.Freq - Wk Max

Elementi bidimensionali (nome del file: VERT_LAT_TOT) "PARETE VERTCALE"

Sezione degli elementi bidimensionali n. 6
in corrispondenza dei nodi -222 -36 -262 -302 -350 -425 -478

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	Nu <kg>	Myu <kgm>	Mzu <kgm>	Rott.	α <grad>	ε_c	TS	Sic.
1	SLU		-5681.35	-1690.46	0.00	-5681.36	-79740.30	0.00	1-2	0.00	-2.24	N/e	47.171
2	SLU		-5681.35	0.00	2015.28	-5682.80	-0.00	9864.16	1-2	90.00	-2.14	N/e	4.895
3	SLU		-5708.26	-1595.47	0.00	-5708.42	-79767.80	0.00	1-2	0.00	-2.24	N/e	49.996
4	SLU		-5708.26	0.00	2002.25	-5709.79	-0.00	9867.58	1-2	90.00	-2.14	N/e	4.928
5	SLU		-5713.69	-1706.74	0.00	-5713.92	-79773.40	0.00	1-2	0.00	-2.24	N/e	46.740
6	SLU		-5713.69	0.00	2021.30	-5715.14	-0.00	9868.26	1-2	90.00	-2.14	N/e	4.882
7	SLU		-5675.92	-1579.19	0.00	-5675.94	-79734.80	-0.00	1-2	0.00	-2.24	N/e	50.491
8	SLU		-5675.92	0.00	1996.23	-5677.45	-0.00	9863.48	1-2	90.00	-2.14	N/e	4.941
9	SLU		-1016.91	1221.57	0.00	-1016.96	74982.60	0.00	1-2	180.00	-2.13	N/e	61.382
10	SLU		-1016.91	0.00	-601.44	-1016.97	-0.00	-9271.10	1-2	270.00	-2.05	N/e	15.415
11	SLU		-1043.81	1316.56	0.00	-1043.82	75010.20	-0.00	1-2	180.00	-2.13	N/e	56.974
12	SLU		-1043.81	0.00	-614.47	-1043.85	-0.00	-9274.53	1-2	270.00	-2.05	N/e	15.094
13	SLU		-1049.24	1205.29	0.00	-1049.33	75015.80	-0.00	1-2	180.00	-2.13	N/e	62.239
14	SLU		-1049.24	0.00	-595.42	-1049.33	0.00	-9275.23	1-2	270.00	-2.05	N/e	15.578
15	SLU		-1011.48	1332.84	0.00	-1011.52	74977.10	-0.00	1-2	180.00	-2.13	N/e	56.254
16	SLU		-1011.48	0.00	-620.49	-1011.55	0.00	-9270.41	1-2	270.00	-2.05	N/e	14.940
17	SLU		-6439.11	-1160.52	0.00	-6447.84	-80518.50	-0.00	1-2	0.00	-2.25	N/e	69.381
18	SLU		-6439.11	0.00	2088.79	-6441.27	-0.00	9960.25	1-2	90.00	-2.15	N/e	4.768
19	SLU		-6466.01	-1065.53	0.00	-6473.99	-80545.00	0.00	1-2	0.00	-2.26	N/e	75.591
20	SLU		-6466.01	0.00	2075.76	-6468.22	-0.00	9963.66	1-2	90.00	-2.16	N/e	4.800
21	SLU		-6471.44	-1176.80	0.00	-6479.23	-80550.30	-0.00	1-2	0.00	-2.26	N/e	68.448
22	SLU		-6471.44	0.00	2094.81	-6473.70	-0.00	9964.35	1-2	90.00	-2.16	N/e	4.757
23	SLU		-6433.68	-1049.25	0.00	-6442.59	-80513.20	0.00	1-2	0.00	-2.25	N/e	76.734
24	SLU		-6433.68	0.00	2069.74	-6435.94	-0.00	9959.57	1-2	90.00	-2.15	N/e	4.812
25	SLU		-1774.66	1751.51	0.00	-1774.67	75758.60	-0.00	1-2	180.00	-2.15	N/e	43.253
26	SLU		-1774.66	0.00	-527.93	-1775.21	-0.00	-9367.69	1-2	270.00	-2.07	N/e	17.744
27	SLU		-1801.57	1846.50	0.00	-1801.60	75786.20	-0.00	1-2	180.00	-2.15	N/e	41.043
28	SLU		-1801.57	0.00	-540.96	-1802.43	-0.00	-9371.16	1-2	270.00	-2.07	N/e	17.323
29	SLU		-1807.00	1735.23	0.00	-1807.04	75791.80	0.00	1-2	180.00	-2.15	N/e	43.678
30	SLU		-1807.00	0.00	-521.91	-1807.86	0.00	-9371.85	1-2	270.00	-2.07	N/e	17.957
31	SLU		-1769.23	1862.78	0.00	-1769.24	75753.10	-0.00	1-2	180.00	-2.15	N/e	40.667
32	SLU		-1769.23	0.00	-546.98	-1769.73	0.00	-9367.00	1-2	270.00	-2.07	N/e	17.125
33	SLU		-4287.83	-465.54	0.00	-4287.87	-78323.60	0.00	1-2	0.00	-2.21	N/e	>100
34	SLU		-4287.83	0.00	1384.09	-4288.38	-0.00	9687.26	1-2	90.00	-2.11	N/e	6.999

35	SLU	-4314.73	-370.56	0.00	-4314.76	-78351.00	0.00	1-2	0.00	-2.21	N/e	>100
36	SLU	-4314.73	0.00	1371.05	-4315.24	-0.00	9690.67	1-2	90.00	-2.11	N/e	7.068
37	SLU	-4320.16	-481.83	0.00	-4320.18	-78356.50	0.00	1-2	0.00	-2.21	N/e	>100
38	SLU	-4320.16	0.00	1390.10	-4320.69	-0.00	9691.36	1-2	90.00	-2.11	N/e	6.972
39	SLU	-4282.40	-354.27	0.00	-4282.37	-78318.00	0.00	1-2	0.00	-2.21	N/e	>100
40	SLU	-4282.40	0.00	1365.03	-4282.92	-0.00	9686.57	1-2	90.00	-2.11	N/e	7.096
41	SLU	-1258.99	-474.58	0.00	-1259.03	-75230.60	0.00	1-2	0.00	-2.14	N/e	>100
42	SLU	-1258.99	0.00	214.28	-1258.99	-0.00	9301.94	1-2	90.00	-2.06	N/e	43.410
43	SLU	-1285.89	-379.60	0.00	-1285.96	-75258.20	0.00	1-2	0.00	-2.14	N/e	>100
44	SLU	-1285.89	0.00	201.25	-1285.94	-0.00	9305.38	1-2	90.00	-2.06	N/e	46.239
45	SLU	-1291.32	-490.87	0.00	-1291.36	-75263.70	0.00	1-2	0.00	-2.14	N/e	>100
46	SLU	-1291.32	0.00	220.30	-1291.34	0.00	9306.07	1-2	90.00	-2.06	N/e	42.242
47	SLU	-1253.56	-363.31	0.00	-1253.55	-75225.00	0.00	1-2	0.00	-2.14	N/e	>100
48	SLU	-1253.56	0.00	195.23	-1253.59	-0.00	9301.25	1-2	90.00	-2.06	N/e	47.643
49	SLU	-2478.82	-26.89	0.00	-2478.90	-76478.30	-0.00	1-2	0.00	-2.17	N/e	>100
50	SLU	-2478.82	0.00	451.49	-2488.06	-0.00	9458.43	1-2	90.00	-2.08	N/e	20.949

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kg>	Tz <kg>	bw <m>	Af tesa <cmq>	Vsdu <kg>	Vrdu <kg>
1	0.00	-10279.30	0.30	11.00	10279.30	17804.50
2	9429.59	0.00	2.37	8.64	9429.59	28558.60
3	0.00	-10594.20	0.30	11.00	10594.20	17808.20
4	9385.59	0.00	2.37	8.64	9385.59	28562.10
5	0.00	-10697.50	0.30	11.00	10697.50	17809.00
6	9441.24	0.00	2.37	8.64	9441.24	28562.80
7	0.00	-10176.00	0.30	11.00	10176.00	17803.70
8	9373.95	0.00	2.37	8.64	9373.95	28557.90
9	0.00	-3885.46	0.30	11.00	3885.46	17159.40
10	-1244.67	0.00	2.37	8.64	1244.67	27947.60
11	0.00	-4200.36	0.30	11.00	4200.36	17163.20
12	-1288.67	0.00	2.37	8.64	1288.67	27951.10
13	0.00	-4303.67	0.30	11.00	4303.67	17163.90
14	-1233.02	0.00	2.37	8.64	1233.02	27951.80
15	0.00	-3782.15	0.30	11.00	3782.15	17158.70
16	-1300.32	0.00	2.37	8.64	1300.32	27946.80
17	0.00	-10954.20	0.30	11.00	10954.20	17909.30
18	9735.37	0.00	2.37	8.64	9735.37	28657.90
19	0.00	-11269.10	0.30	11.00	11269.10	17913.00
20	9691.37	0.00	2.37	8.64	9691.37	28661.40
21	0.00	-11372.40	0.30	11.00	11372.40	17913.80
22	9747.01	0.00	2.37	8.64	9747.01	28662.10
23	0.00	-10850.90	0.30	11.00	10850.90	17908.50
24	9679.72	0.00	2.37	8.64	9679.72	28657.20
25	0.00	-4560.34	0.30	11.00	4560.34	17264.20
26	-938.90	0.00	2.37	8.64	938.90	28046.80
27	0.00	-4875.25	0.30	11.00	4875.25	17268.00
28	-982.90	0.00	2.37	8.64	982.90	28050.30
29	0.00	-4978.55	0.30	11.00	4978.55	17268.70
30	-927.25	0.00	2.37	8.64	927.25	28051.10
31	0.00	-4457.04	0.30	11.00	4457.04	17263.50
32	-994.54	0.00	2.37	8.64	994.54	28046.10
33	0.00	-9893.60	0.30	11.00	9893.60	17611.80
34	4715.96	0.00	2.37	8.64	4715.96	28376.00
35	0.00	-10208.50	0.30	11.00	10208.50	17615.50
36	4671.96	0.00	2.37	8.64	4671.96	28379.60
37	0.00	-10311.80	0.30	11.00	10311.80	17616.30
38	4727.61	0.00	2.37	8.64	4727.61	28380.30
39	0.00	-9790.30	0.30	11.00	9790.30	17611.00
40	4660.31	0.00	2.37	8.64	4660.31	28375.30
41	0.00	2682.43	0.30	11.00	2682.43	17192.90
42	1219.84	0.00	2.37	8.64	1219.84	27979.30
43	0.00	2367.52	0.30	11.00	2367.52	17196.60
44	1175.84	0.00	2.37	8.64	1175.84	27982.80
45	0.00	2264.22	0.30	11.00	2264.22	17197.40
46	1231.49	0.00	2.37	8.64	1231.49	27983.50
47	0.00	2785.74	0.30	11.00	2785.74	17192.20
48	1164.20	0.00	2.37	8.64	1164.20	27978.60
49	0.00	-1004.66	0.30	11.00	1004.66	17361.60
50	2363.97	0.00	2.37	8.64	2363.97	28139.10

Verifiche stato limite d'esercizio

Caso	N <kg>	Mz <kgm>	My <kgm>	AfT <cmq>	AfC <cmq>	σ_c <kg/cmq>	σ_f <kg/cmq>
51	-3929.48	0.00	-1499.59	0.00	17.28	1.05	14.55
52	-3929.48	1469.56	0.00	8.64	8.64	9.92	466.96
53	-3956.39	0.00	-1404.60	0.00	17.28	1.02	14.19
54	-3956.39	1456.53	0.00	8.64	8.64	9.83	459.38
55	-3961.82	0.00	-1515.87	0.00	17.28	1.06	14.69
56	-3961.82	1475.58	0.00	8.64	8.64	9.96	467.97

57	-3924.06	0.00	-1388.32	0.00	17.28	1.01	14.06
58	-3924.06	1450.51	0.00	8.64	8.64	9.79	458.37
59	-474.34	0.00	657.47	12.57	4.71	0.59	19.77
60	-474.34	-468.75	0.00	8.64	8.64	3.25	193.36
61	-501.25	0.00	752.46	12.57	4.71	0.69	25.34
62	-501.25	-481.78	0.00	8.64	8.64	3.34	197.94
63	-506.68	0.00	641.19	12.57	4.71	0.55	16.55
64	-506.68	-462.73	0.00	8.64	8.64	3.20	188.64
65	-468.91	0.00	768.74	12.57	4.71	0.73	28.81
66	-468.91	-487.80	0.00	8.64	8.64	3.38	202.66
67	-4434.65	0.00	-1146.29	0.00	17.28	1.00	14.04
68	-4434.65	1518.57	0.00	8.64	8.64	10.20	461.83
69	-4461.56	0.00	-1051.31	0.00	17.28	0.97	13.68
70	-4461.56	1505.54	0.00	8.64	8.64	10.10	454.29
71	-4466.99	0.00	-1162.58	0.00	17.28	1.01	14.17
72	-4466.99	1524.59	0.00	8.64	8.64	10.23	462.85
73	-4429.23	0.00	-1035.02	0.00	17.28	0.96	13.54
74	-4429.23	1499.52	0.00	8.64	8.64	10.06	453.27
75	-979.51	0.00	1010.77	11.00	6.28	0.77	16.47
76	-979.51	-419.74	0.00	8.64	8.64	2.86	141.36
77	-1006.42	0.00	1105.75	11.00	6.28	0.88	21.16
78	-1006.42	-432.77	0.00	8.64	8.64	2.94	145.95
79	-1011.85	0.00	994.48	11.00	6.28	0.74	14.12
80	-1011.85	-413.72	0.00	8.64	8.64	2.81	136.73
81	-974.08	0.00	1122.04	11.00	6.28	0.91	23.96
82	-974.08	-438.80	0.00	8.64	8.64	2.99	150.59
83	-2897.24	0.00	-592.24	0.00	17.28	0.60	8.49
84	-2897.24	1002.01	0.00	8.64	8.64	6.73	306.33
85	-2924.15	0.00	-497.26	0.00	17.28	0.57	8.13
86	-2924.15	988.98	0.00	8.64	8.64	6.63	298.78
87	-2929.58	0.00	-608.53	0.00	17.28	0.61	8.62
88	-2929.58	1008.03	0.00	8.64	8.64	6.77	307.34
89	-2891.82	0.00	-480.97	0.00	17.28	0.56	7.99
90	-2891.82	982.96	0.00	8.64	8.64	6.60	297.77
91	-653.66	0.00	-598.94	9.42	7.85	0.42	6.85
92	-653.66	135.49	0.00	8.64	8.64	0.85	27.68
93	-680.57	0.00	-503.95	6.28	11.00	0.32	4.15
94	-680.57	122.46	0.00	8.64	8.64	0.74	20.76
95	-685.99	0.00	-615.22	9.42	7.85	0.43	6.56
96	-685.99	141.51	0.00	8.64	8.64	0.89	28.75
97	-648.23	0.00	-487.67	7.85	9.42	0.31	4.02
98	-648.23	116.44	0.00	8.64	8.64	0.71	19.69
99	-1655.86	0.00	-286.76	0.00	17.28	0.32	4.62
100	-1655.86	350.01	0.00	8.64	8.64	2.21	73.13
101	-1275.47	0.00	-211.73	0.00	17.28	0.25	
102	-1275.47	200.32	0.00	8.64	8.64	1.16	
103	-1302.37	0.00	-116.75	0.00	17.28	0.22	
104	-1302.37	187.29	0.00	8.64	8.64	1.05	
105	-1307.80	0.00	-228.02	0.00	17.28	0.26	
106	-1307.80	206.34	0.00	8.64	8.64	1.20	
107	-1270.04	0.00	-100.46	0.00	17.28	0.21	
108	-1270.04	181.27	0.00	8.64	8.64	1.01	
109	-1275.47	0.00	-211.73	0.00	17.28	0.25	
110	-1275.47	200.32	0.00	8.64	8.64	1.16	
111	-1302.37	0.00	-116.75	0.00	17.28	0.22	
112	-1302.37	187.29	0.00	8.64	8.64	1.05	
113	-1307.80	0.00	-228.02	0.00	17.28	0.26	
114	-1307.80	206.34	0.00	8.64	8.64	1.20	
115	-1270.04	0.00	-100.46	0.00	17.28	0.21	
116	-1270.04	181.27	0.00	8.64	8.64	1.01	
117	-1780.64	0.00	141.56	0.00	17.28	0.29	
118	-1780.64	249.33	0.00	8.64	8.64	1.38	
119	-1807.54	0.00	236.55	0.00	17.28	0.33	
120	-1807.54	236.29	0.00	8.64	8.64	1.27	
121	-1812.97	0.00	125.28	0.00	17.28	0.29	
122	-1812.97	255.35	0.00	8.64	8.64	1.42	
123	-1775.21	0.00	252.83	0.00	17.28	0.33	
124	-1775.21	230.28	0.00	8.64	8.64	1.23	
125	-1780.64	0.00	141.56	0.00	17.28	0.29	
126	-1780.64	249.33	0.00	8.64	8.64	1.38	
127	-1807.54	0.00	236.55	0.00	17.28	0.33	
128	-1807.54	236.29	0.00	8.64	8.64	1.27	
129	-1812.97	0.00	125.28	0.00	17.28	0.29	
130	-1812.97	255.35	0.00	8.64	8.64	1.42	
131	-1775.21	0.00	252.83	0.00	17.28	0.33	
132	-1775.21	230.28	0.00	8.64	8.64	1.23	
133	-1275.47	0.00	-211.73	0.00	17.28	0.25	
134	-1275.47	200.32	0.00	8.64	8.64	1.16	
135	-1302.37	0.00	-116.75	0.00	17.28	0.22	
136	-1302.37	187.29	0.00	8.64	8.64	1.05	
137	-1307.80	0.00	-228.02	0.00	17.28	0.26	
138	-1307.80	206.34	0.00	8.64	8.64	1.20	

139	-1270.04	0.00	-100.46	0.00	17.28	0.21
140	-1270.04	181.27	0.00	8.64	8.64	1.01
141	-1275.47	0.00	-211.73	0.00	17.28	0.25
142	-1275.47	200.32	0.00	8.64	8.64	1.16
143	-1302.37	0.00	-116.75	0.00	17.28	0.22
144	-1302.37	187.29	0.00	8.64	8.64	1.05
145	-1307.80	0.00	-228.02	0.00	17.28	0.26
146	-1307.80	206.34	0.00	8.64	8.64	1.20
147	-1270.04	0.00	-100.46	0.00	17.28	0.21
148	-1270.04	181.27	0.00	8.64	8.64	1.01
149	-1655.86	0.00	-286.76	0.00	17.28	0.32
150	-1655.86	350.01	0.00	8.64	8.64	2.21

Verifiche stato limite di formazione delle fessure

Caso	CC	TCC	N <kg>	My <kgm>	Mz <kgm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <kg/cmq>	σ_{sr} <kg/cmq>	ε_{sm}	Wk <mm>
102		SLE Q	-1275.47	0.00	200.32	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.97	2312.09	0.01	0.00
104		SLE Q	-1302.37	0.00	187.29	33.00	140.00	0.13	173.91	10.00	0.79	125.52	20.98	2013.63	0.00	0.00
106		SLE Q	-1307.80	0.00	206.34	33.00	140.00	0.13	173.91	10.00	0.79	125.52	28.02	2327.26	0.01	0.00
108		SLE Q	-1270.04	0.00	181.27	33.00	140.00	0.13	173.91	10.00	0.79	125.52	19.96	1987.80	0.00	0.00
110		SLE Q	-1275.47	0.00	200.32	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.97	2312.09	0.01	0.00
112		SLE Q	-1302.37	0.00	187.29	33.00	140.00	0.13	173.91	10.00	0.79	125.52	20.98	2013.63	0.00	0.00
114		SLE Q	-1307.80	0.00	206.34	33.00	140.00	0.13	173.91	10.00	0.79	125.52	28.02	2327.26	0.01	0.00
116		SLE Q	-1270.04	0.00	181.27	33.00	140.00	0.13	173.91	10.00	0.79	125.52	19.96	1987.80	0.00	0.00
118		SLE Q	-1780.64	0.00	249.33	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.26	1922.06	0.01	0.00
120		SLE Q	-1807.54	0.00	236.29	33.00	140.00	0.13	173.91	10.00	0.79	125.52	20.95	1686.76	0.00	0.00
122		SLE Q	-1812.97	0.00	255.35	33.00	140.00	0.13	173.91	10.00	0.79	125.52	27.27	1942.20	0.01	0.00
124		SLE Q	-1775.21	0.00	230.28	33.00	140.00	0.13	173.91	10.00	0.79	125.52	19.99	1660.47	0.00	0.00
126		SLE Q	-1780.64	0.00	249.33	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.26	1922.06	0.01	0.00
128		SLE Q	-1807.54	0.00	236.29	33.00	140.00	0.13	173.91	10.00	0.79	125.52	20.95	1686.76	0.00	0.00
130		SLE Q	-1812.97	0.00	255.35	33.00	140.00	0.13	173.91	10.00	0.79	125.52	27.27	1942.20	0.01	0.00
132		SLE Q	-1775.21	0.00	230.28	33.00	140.00	0.13	173.91	10.00	0.79	125.52	19.99	1660.47	0.00	0.00
134		SLE Q	-1275.47	0.00	200.32	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.97	2312.09	0.01	0.00
136		SLE Q	-1302.37	0.00	187.29	33.00	140.00	0.13	173.91	10.00	0.79	125.52	20.98	2013.63	0.00	0.00
138		SLE Q	-1307.80	0.00	206.34	33.00	140.00	0.13	173.91	10.00	0.79	125.52	28.02	2327.26	0.01	0.00
140		SLE Q	-1270.04	0.00	181.27	33.00	140.00	0.13	173.91	10.00	0.79	125.52	19.96	1987.80	0.00	0.00
142		SLE Q	-1275.47	0.00	200.32	33.00	140.00	0.13	173.91	10.00	0.79	125.52	26.97	2312.09	0.01	0.00
144		SLE Q	-1302.37	0.00	187.29	33.00	140.00	0.13	173.91	10.00	0.79	125.52	20.98	2013.63	0.00	0.00
146		SLE Q	-1307.80	0.00	206.34	33.00	140.00	0.13	173.91	10.00	0.79	125.52	28.02	2327.26	0.01	0.00
148		SLE Q	-1270.04	0.00	181.27	33.00	140.00	0.13	173.91	10.00	0.79	125.52	19.96	1987.80	0.00	0.00
150		SLE Q	-1655.86	0.00	350.01	33.00	140.00	0.13	177.90	10.00	0.79	125.52	73.13	3192.09	0.01	0.00
152		SLE F	-3265.98	0.00	1152.25	33.00	140.00	0.14	186.52	10.00	0.79	125.52	355.88	4182.84	0.07	0.02
154		SLE F	-3292.89	0.00	1139.22	33.00	140.00	0.14	186.29	10.00	0.79	125.52	348.33	4154.90	0.07	0.02
156		SLE F	-3298.31	0.00	1158.27	33.00	140.00	0.14	186.47	10.00	0.79	125.52	356.90	4176.28	0.07	0.02
158		SLE F	-3260.55	0.00	1133.20	33.00	140.00	0.14	186.35	10.00	0.79	125.52	347.31	4161.48	0.07	0.02
159		SLE F	-674.62	440.17	0.00	33.00	140.00	0.20	222.50	10.00	0.79	125.52	1.41	947.75	0.00	0.00
160		SLE F	-674.62	0.00	-301.48	33.00	140.00	0.15	189.41	10.00	0.79	125.52	103.16	4474.33	0.02	0.01
161		SLE F	-701.53	535.16	0.00	33.00	140.00	0.21	229.54	10.00	0.79	125.52	3.20	1371.90	0.00	0.00
162		SLE F	-701.53	0.00	-314.51	33.00	140.00	0.15	189.44	10.00	0.79	125.52	107.75	4477.77	0.02	0.01
163		SLE F	-706.96	423.88	0.00	33.00	140.00	0.19	215.78	10.00	0.79	125.52	0.92	783.18	0.00	0.00
164		SLE F	-706.96	0.00	-295.46	33.00	140.00	0.15	188.83	10.00	0.79	125.52	98.52	4399.68	0.02	0.01
165		SLE F	-669.19	551.44	0.00	33.00	140.00	0.22	231.72	10.00	0.79	125.52	4.38	1659.78	0.00	0.00
166		SLE F	-669.19	0.00	-320.53	33.00	140.00	0.15	189.97	10.00	0.79	125.52	112.40	4545.80	0.02	0.01
168		SLE F	-3771.15	0.00	1201.26	33.00	140.00	0.14	185.27	10.00	0.79	125.52	350.91	4029.68	0.07	0.02
170		SLE F	-3798.06	0.00	1188.22	33.00	140.00	0.14	185.03	10.00	0.79	125.52	343.40	4000.70	0.07	0.02
172		SLE F	-3803.49	0.00	1207.28	33.00	140.00	0.14	185.22	10.00	0.79	125.52	351.93	4024.03	0.07	0.02
174		SLE F	-3765.72	0.00	1182.21	33.00	140.00	0.14	185.07	10.00	0.79	125.52	342.38	4006.33	0.07	0.02
175		SLE F	-1179.79	793.47	0.00	33.00	140.00	0.20	224.27	10.00	0.79	125.52	2.89	1015.93	0.00	0.00
176		SLE F	-1179.79	0.00	-252.47	33.00	140.00	0.13	178.86	10.00	0.79	125.52	53.48	3223.40	0.01	0.00
177		SLE F	-1206.70	888.45	0.00	33.00	140.00	0.21	228.32	10.00	0.79	125.52	4.64	1258.37	0.00	0.00
178		SLE F	-1206.70	0.00	-265.51	33.00	140.00	0.13	179.50	10.00	0.79	125.52	57.94	3292.48	0.01	0.00
179		SLE F	-1212.13	777.18	0.00	33.00	140.00	0.20	221.35	10.00	0.79	125.52	2.31	910.90	0.00	0.00
180		SLE F	-1212.13	0.00	-246.45	33.00	140.00	0.13	177.60	10.00	0.79	125.52	49.23	3090.61	0.01	0.00
181		SLE F	-1174.36	904.74	0.00	33.00	140.00	0.21	229.85	10.00	0.79	125.52	5.62	1405.53	0.00	0.00
182		SLE F	-1174.36	0.00	-271.53	33.00	140.00	0.14	180.58	10.00	0.79	125.52	62.28	3410.51	0.01	0.00
184		SLE F	-2491.80	0.00	801.59	33.00	140.00	0.14	185.40	10.00	0.79	125.52	235.50	4045.25	0.05	0.01
186		SLE F	-2518.71	0.00	788.55	33.00	140.00	0.14	185.04	10.00	0.79	125.52	228.00	4001.88	0.04	0.01
188		SLE F	-2524.13	0.00	807.61	33.00	140.00	0.14	185.32	10.00	0.79	125.52	236.53	4036.71	0.05	0.01
190		SLE F	-2486.37	0.00	782.53	33.00	140.00	0.14	185.11	10.00	0.79	125.52	226.97	4010.39	0.04	0.01
191		SLE F	-809.11	-502.14	0.00	33.00	140.00	0.20	218.91	10.00	0.79	125.52	1.29	846.35	0.00	0.00
192		SLE F	-809.11	0.00	151.70	33.00	140.00	0.13	174.68	10.00	0.79	125.52	27.29	2865.13	0.01	0.00
193		SLE F	-836.02	-407.15	0.00	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.18	403.74	0.00	0.00
194		SLE F	-836.02	0.00	138.66	33.00	140.00	0.13	173.91	10.00	0.79	125.52	20.62	2490.36	0.00	0.00
195		SLE F	-841.45	-518.42	0.00	33.00	140.00	0.19	218.30	10.00	0.79	125.52	1.29	832.62	0.00	0.00
196		SLE F	-841.45	0.00	157.72	33.00	140.00	0.13	174.67	10.00	0.79	125.52	28.36	2864.34	0.01	0.00
197		SLE F	-803.68	-390.87	0.00	33.00	140.00	0.13	173.91	10.00	0.79	125.52	0.17	399.86	0.00	0.00
198		SLE F	-803.68	0.00	132.64	33.00	140.00	0.13	173.91	10.00	0.79	125.52	19.56	2474.49	0.00	0.00
200		SLE F	-1655.86	0.00	350.01	33.00	140.00	0.13	177.90	10.00	0.79	125.52	73.13	3192.09	0.01	0.00

Verifiche principali

Caso	Tipo
1	SLU Taglio - min sic. c.a.
22	SLU N cost - min sic.
55	C.Rare - Sc max (min compr.)
56	C.Rare - Sf max (max traz.)
72	C.Rare - Sc min (max compr.),C.Rare - Sf min (max compr.)
105	C.Q.Per. - Sc max (min compr.)
150	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
156	C.Freq - Wk Max

Criteri di analisi geotecnica e progetto delle fondazioni

Fondazioni superficiali

Generali

Generali

Condizioni di calcolo per terreni coesivi sottofalda	Sia drenate che 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	Vesic (1973)	
-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	No	

Capacità portante in condizioni sismiche

Calcolo della capacità portante per rottura generale	No	
Riduzione dell'angolo d'attrito per terreni incoerenti ben addensati	No	
Calcolo della capacità portante per scorrimento	No	
-Percentuale di carico orizzontale assorbito dai cordoli <%>		0.00
-Percentuale di spinta passiva mobilitata <%>		0.00

Geotecnica

Elenco colonne stratigrafiche

Colonna stratigrafica numero 1

Falda non presente

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

St.	z <m>	Unità geotecnica	Class.
1	0.00	1 Falda 1	Coes.

Elenco unità geotecniche

1 Falda 1:

Classificazione: Coesivo

Pesi:
- Peso specifico del terreno naturale: γ = 1900.00 kg/mc
- Peso specifico del terreno saturo: γ_{sat} = 1950.00 kg/mc

Parametri plastici:
- Angolo di attrito efficace: ϕ' = 22.00 grad
- Coesione efficace: c' = 0.00
- Coesione non drenata: c_u = 9500.00 kg/mq

Caratteristiche litostatiche:

- Coeff. di spinta a riposo: κ_0 = 0.62

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 <kg/mc>	γ_{sat} <kg/mc>	D_r	I_p	ϕ' <grad>	c' <kg/mq>	c_u <kg/mq>	κ_0	Crit.
1	0.00	1 Falda 1	Coes.	1900.00	1950.00			22.00	0.00	9500.00	0.6	1

Simbologia

St.	= Strato
z	= Profondità della superficie superiore dello strato
E	= Modulo elastico normale
G	= Modulo elastico tangenziale
k_j	= Esponente del parametro tensionale
ν	= Coeff. di Poisson
E_{ed}	= Modulo edometrico
E_u	= Modulo elastico non drenato
Crit.	= Criterio di progetto

St.	z <m>	E <kg/mq>	G <kg/mq>	k_j	ν	E_{ed} <kg/mq>	E_u <kg/mq>	Crit.
1	0.00							1

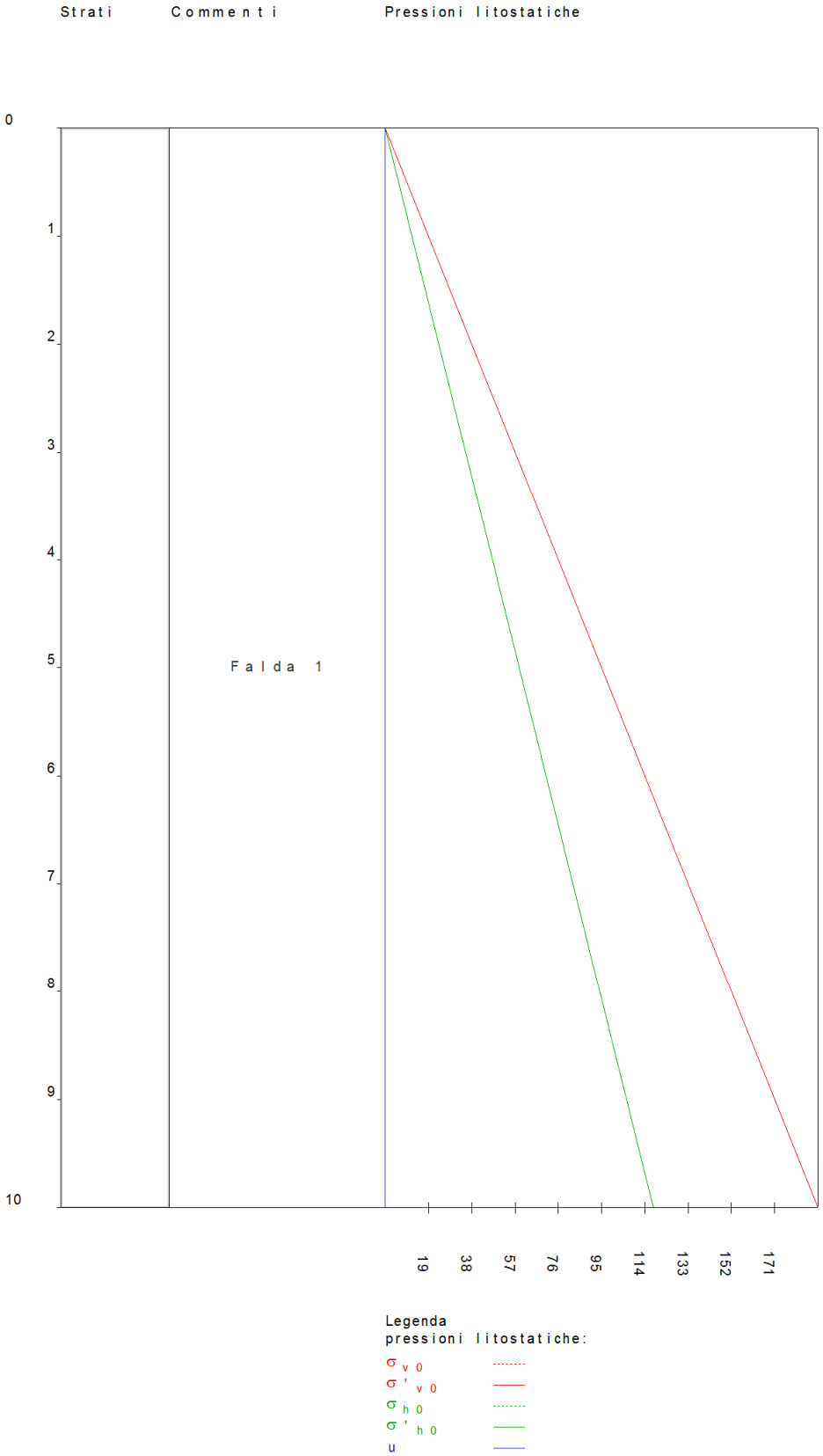


Figura numero 1: Colonna stratigrafica numero 1 Falda 1

Le verifiche degli elementi di fondazione sono eseguite utilizzando l'Approccio 2.

Coefficienti parziali per le azioni, per verifiche in condizioni statiche:

Permanenti strutturali, sicurezza a favore γ_A = 1.00;
Permanenti strutturali, sicurezza a sfavore γ_A = 1.30;
Permanenti non strutturali, sicurezza a favore γ_A = 0.00;
Permanenti non strutturali, sicurezza a sfavore γ_A = 1.50;
Variabili, sicurezza a favore γ_A = 0.00;
Variabili, sicurezza a sfavore γ_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 γ_M = 1.00;
Coesione efficace γ_M = 1.00;
Coesione non drenata γ_M = 1.00;

Coefficienti parziali per la resistenza delle fondazioni superficiali:
Capacità portante γ_R = 2.30;
Scorrimento γ_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
c_{ur} = Coesione non drenata rappresentativa del terreno di fondazione
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: Vesic

Platea n. 1

B=1.30 <m>; L=2.30 <m>; D=1.17 <m>; β=0.00 <grad>; η=0.00 <grad>; γ_r=1900.00 <kg/mc>
$\sigma_{v0,f}$=2223.00 <kg/mq>

Verifiche in condizioni drenate

φ'_r=22.00 <grad>; c'_r=0.00 <kg/mq>;
N_q=7.82 ; N_c=16.88 ; N_g=7.13 ; 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 <kg>	Tx <kg>	Ty <kg>	Mx <kgm>	My <kgm>	B' <m>	L' <m>	s_q	s_c	s_g	d_q	d_c	i_q	i_c	i_g	q_{lim} <kg/mq>	R_d <kg>	Sic.
1	10607.80	0.00	0.00	-184.15	7523.15	0.88	1.27	1.28	1.32	0.72	1.47	1.37	1.00	1.00	1.00	37002.50	17945.40	1.69
2	10089.60	0.00	0.00	-214.78	7523.17	0.81	1.26	1.26	1.30	0.74	1.49	1.39	1.00	1.00	1.00	36664.60	16210.80	1.61
3	10348.70	0.00	0.00	-199.46	7746.99	0.80	1.26	1.26	1.29	0.75	1.49	1.39	1.00	1.00	1.00	36616.90	16122.80	1.56
4	10348.70	0.00	0.00	-199.47	7299.33	0.89	1.26	1.28	1.33	0.72	1.47	1.37	1.00	1.00	1.00	37058.00	18075.20	1.75
17	16724.90	0.00	0.00	-435.94	276.78	1.25	2.27	1.22	1.26	0.78	1.47	1.38	1.00	1.00	1.00	37912.70	46629.30	2.79
18	16206.70	0.00	0.00	-466.56	276.80	1.24	2.27	1.22	1.25	0.78	1.48	1.38	1.00	1.00	1.00	37913.10	46404.50	2.86
19	16465.80	0.00	0.00	-451.24	500.62	1.25	2.24	1.22	1.26	0.78	1.47	1.38	1.00	1.00	1.00	37959.50	46017.10	2.79
20	16465.80	0.00	0.00	-451.26	52.97	1.25	2.29	1.22	1.25	0.78	1.47	1.38	1.00	1.00	1.00	37867.30	47020.10	2.86
33	11935.10	0.00	0.00	-246.45	7523.11	1.04	1.26	1.33	1.38	0.67	1.43	1.34	1.00	1.00	1.00	37795.00	21497.30	1.80
34	11416.90	0.00	0.00	-277.07	7523.14	0.98	1.25	1.32	1.36	0.69	1.44	1.35	1.00	1.00	1.00	37558.20	20070.20	1.76
35	11676.00	0.00	0.00	-261.75	7746.95	0.97	1.26	1.31	1.36	0.69	1.44	1.35	1.00	1.00	1.00	37497.20	19911.00	1.71
36	11676.00	0.00	0.00	-261.77	7299.30	1.05	1.26	1.34	1.39	0.67	1.42	1.34	1.00	1.00	1.00	37860.10	21687.70	1.86
49	18052.20	0.00	0.00	-498.23	276.75	1.24	2.27	1.22	1.25	0.78	1.47	1.38	1.00	1.00	1.00	37907.70	46558.50	2.58
50	17534.00	0.00	0.00	-528.85	276.77	1.24	2.27	1.22	1.25	0.78	1.48	1.38	1.00	1.00	1.00	37908.10	46348.70	2.64
51	17793.10	0.00	0.00	-513.53	500.59	1.24	2.24	1.22	1.26	0.78	1.48	1.38	1.00	1.00	1.00	37950.90	45992.10	2.58
52	17793.00	0.00	0.00	-513.55	52.93	1.24	2.29	1.22	1.25	0.78	1.48	1.38	1.00	1.00	1.00	37865.80	46918.10	2.64
65	12973.40	0.00	0.00	-317.25	5170.60	1.25	1.50	1.34	1.39	0.67	1.47	1.37	1.00	1.00	1.00	39865.10	32589.80	2.51
66	12455.20	0.00	0.00	-347.87	5170.62	1.24	1.47	1.34	1.39	0.66	1.48	1.38	1.00	1.00	1.00	39993.40	31795.40	2.55
67	12714.30	0.00	0.00	-332.56	5394.43	1.25	1.45	1.35	1.40	0.66	1.47	1.38	1.00	1.00	1.00	40069.20	31549.10	2.48
68	12714.20	0.00	0.00	-332.57	4946.78	1.25	1.52	1.33	1.38	0.67	1.47	1.38	1.00	1.00	1.00	39791.80	32850.60	2.58
81	24188.00	0.00	0.00	317.49	-317.07	1.27	2.27	1.23	1.26	0.78	1.46	1.37	1.00	1.00	1.00	37911.20	47738.80	1.97
82	23669.80	0.00	0.00	286.87	-317.04	1.28	2.27	1.23	1.26	0.78	1.46	1.37	1.00	1.00	1.00	37913.10	47804.70	2.02
83	23928.90	0.00	0.00	302.19	-93.23	1.27	2.29	1.22	1.26	0.78	1.46	1.37	1.00	1.00	1.00	37880.90	48124.80	2.01
84	23928.90	0.00	0.00	302.17	-540.88	1.27	2.25	1.23	1.26	0.77	1.46	1.37	1.00	1.00	1.00	37943.90	47418.10	1.98
97	10356.10	0.00	0.00	-199.38	782.20	1.26	2.15	1.24	1.27	0.77	1.47	1.37	1.00	1.00	1.00	38128.10	44939.40	4.34

Verifiche in condizioni non drenate

c_{ur}=9500.01 <kg/mq>;
N_q=1.00 ; N_c=5.14 ; g_c=0.00 ; b_c=0.00

CC	N <kg>	Tx <kg>	Ty <kg>	Mx <kgm>	My <kgm>	B' <m>	L' <m>	s_c	d_c	i_q	i_c	q_{lim} <kg/mq>	R_d <kg>	Sic.
1	10607.80	0.00	0.00	-184.15	7523.15	0.88	1.27	0.11	0.37	0.00	0.00	74663.80	36210.30	3.41
2	10089.60	0.00	0.00	-214.78	7523.17	0.81	1.26	0.11	0.39	0.00	0.00	75463.30	33365.10	3.31
3	10348.70	0.00	0.00	-199.46	7746.99	0.80	1.26	0.11	0.39	0.00	0.00	75530.30	33256.80	3.21
4	10348.70	0.00	0.00	-199.47	7299.33	0.89	1.26	0.11	0.37	0.00	0.00	74581.60	36377.40	3.52
17	16724.90	0.00	0.00	-435.94	276.78	1.25	2.27	0.11	0.38	0.00	0.00	74908.60	92131.00	5.51
18	16206.70	0.00	0.00	-466.56	276.80	1.24	2.27	0.11	0.38	0.00	0.00	74988.90	91784.30	5.66
19	16465.80	0.00	0.00	-451.24	500.62	1.25	2.24	0.11	0.38	0.00	0.00	74948.00	90857.30	5.52
20	16465.80	0.00	0.00	-451.26	52.97	1.25	2.29	0.11	0.38	0.00	0.00	74948.10	93063.40	5.65
33	11935.10	0.00	0.00	-246.45	7523.11	1.04	1.26	0.11	0.34	0.00	0.00	73089.20	41572.10	3.48
34	11416.90	0.00	0.00	-277.07	7523.14	0.98	1.25	0.11	0.35	0.00	0.00	73636.50	39349.70	3.45
35	11676.00	0.00	0.00	-261.75	7746.95	0.97	1.26	0.11	0.35	0.00	0.00	73725.80	39148.30	3.35
36	11676.00	0.00	0.00	-261.77	7299.30	1.05	1.26	0.11	0.34	0.00	0.00	72992.90	41813.10	3.58
49	18052.20	0.00	0.00	-498.23	276.75	1.24	2.27	0.11	0.38	0.00	0.00	74953.80	92058.80	5.10
50	17534.00	0.00	0.00	-528.85	276.77	1.24	2.27	0.11	0.38	0.00	0.00	75029.70	91735.90	5.23
51	17793.10	0.00	0.00	-513.53	500.59	1.24	2.24	0.11	0.38	0.00	0.00	74991.10	90880.70	5.11
52	17793.00	0.00	0.00	-513.55	52.93	1.24	2.29	0.11	0.38	0.00	0.00	74991.10	92918.60	5.22
65	12973.40	0.00	0.00	-317.25	5170.60	1.25	1.50	0.11	0.37	0.00	0.00	74861.50	61199.40	4.72
66	12455.20	0.00	0.00	-347.87	5170.62	1.24	1.47	0.11	0.38	0.00	0.00	74963.60	59597.30	4.78
67	12714.30	0.00	0.00	-332.56	5394.43	1.25	1.45	0.11	0.38	0.00	0.00	74911.30	58982.60	4.64
68	12714.20	0.00	0.00	-332.57	4946.78	1.25	1.52	0.11	0.38	0.00	0.00	74911.40	61843.90	4.86
81	24188.00	0.00	0.00	317.49	-317.07	1.27	2.27	0.11	0.37	0.00	0.00	74536.50	93858.50	3.88
82	23669.80	0.00	0.00	286.87	-317.04	1.28	2.27	0.11	0.37	0.00	0.00	74508.10	93947.40	3.97
83	23928.90	0.00	0.00	302.19	-93.23	1.27	2.29	0.11	0.37	0.00	0.00	74522.50	94675.10	3.96
84	23928.90	0.00	0.00	302.17	-540.88	1.27	2.25	0.11	0.37	0.00	0.00	74522.40	93129.80	3.89
97	10356.10	0.00	0.00	-199.38	782.20	1.26	2.15	0.11	0.37	0.00	0.00	74710.80	88057.30	8.50

Verifiche di capacità portante per rottura generale in condizioni statiche

Metodo utilizzato: Vesic

Platea n. 3

B=3.20 <m>; L=6.10 <m>; D=2.72 <m>; β=0.00 <grad>; η=0.00 <grad>; γ_r=1900.00 <kg/mc>
$\sigma_{v0,f}$=5168.00 <kg/mq>

Verifiche in condizioni drenate

φ'_r=22.00 <grad>; c'_r=0.00 <kg/mq>;
N_q=7.82 ; N_c=16.88 ; N_g=7.13 ; 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 <kg>	Tx <kg>	Ty <kg>	Mx <kgm>	My <kgm>	B' <m>	L' <m>	s_q	s_c	s_g	d_q	d_c	i_q	i_c	i_g	q_{lim} <kg/mq>	R_d <kg>	Sic.
1	92810.60	-1406.77	-67781.40	95916.00	31195.00	1.13	5.43	1.08	1.10	0.92	1.59	1.47	1.00	1.00	1.00	76909.20	205652.00	2.22
2	93328.80	1406.77	-67781.40	95916.00	36102.50	1.14	5.33	1.09	1.10	0.91	1.59	1.47	1.00	1.00	1.00	77041.30	204203.00	2.19
3	93069.70	-0.00	-69188.10	98760.90	33648.90	1.08	5.38	1.08	1.09	0.92	1.60	1.48	1.00	1.00	1.00	76758.90	193389.00	2.08
4	93069.80	-0.00	-66374.60	93071.10	33648.70	1.20	5.38	1.09	1.10	0.91	1.58	1.46	1.00	1.00	1.00	77190.20	216540.00	2.33
17	163648.00	-1406.77	-0.00	3534.30	72088.10	3.16	5.22	1.24	1.28	0.76	1.44	1.34	1.00	1.00	1.00	88402.20	633241.00	3.87
18	164167.00	1406.77	0.00	3534.28	76995.60	3.16	5.16	1.25	1.28	0.76	1.44	1.34	1.00	1.00	1.00	88501.80	627057.00	3.82
19	163907.00	0.00	-1406.77	6379.23	74542.00	3.12	5.19	1.24	1.28	0.76	1.44	1.35	1.00	1.00	1.00	88416.90	622969.00	3.80
20	163908.00	0.00	1406.77	689.34	74541.80	3.19	5.19	1.25	1.28	0.75	1.43	1.34	1.00	1.00	1.00	88489.60	637346.00	3.89
33	109285.00	-1406.77	-67781.40	95915.90	41388.60	1.44	5.34	1.11	1.13	0.89	1.55	1.43	1.00	1.00	1.00	78087.80	262043.00	2.40
34	109804.00	1406.77	-67781.40	95915.90	46296.10	1.45	5.26	1.11	1.13	0.89	1.55	1.43	1.00	1.00	1.00	78211.70	259724.00	2.37
35	109544.00	-0.00	-69188.10	98760.90	43842.40	1.40	5.30	1.11	1.12	0.89	1.55	1.44	1.00	1.00	1.00	77964.60	250939.00	2.29
36	109544.00	-0.00	-66374.60	93071.00	43842.20	1.50	5.30	1.11	1.13	0.89	1.54	1.43	1.00	1.00	1.00	78334.40	270880.00	2.47
49	180123.00	-1406.77	-0.00	3534.21	82281.70	3.16	5.19	1.25	1.28	0.76	1.43	1.34	1.00	1.00	1.00	88463.00	630506.00	3.50
50	180641.00	1406.77	-0.00	3534.19	87189.20	3.16	5.13	1.25	1.29	0.75	1.43	1.34	1.00	1.00	1.00	88554.40	624887.00	3.46
51	180382.00	0.00	-1406.77	6379.15	84735.50	3.13	5.16	1.25	1.28	0.76	1.44	1.35	1.00	1.00	1.00	88476.40	621203.00	3.44
52	180382.00	0.00	1406.77	689.25	84735.30	3.19	5.16	1.25	1.29	0.75	1.43	1.34	1.00	1.00	1.00	88543.00	634204.00	3.52
65	124608.00	-1406.77	-49496.20	65916.00	52587.40	2.14	5.26	1.16	1.19	0.84	1.46	1.36	1.00	1.00	1.00	80713.70	395089.00	3.17
66	125126.00	1406.77	-49496.20	65916.00	57494.90	2.15	5.18	1.17	1.19	0.83	1.46	1.36	1.00	1.00	1.00	80836.00	390843.00	3.12
67	124867.00	-0.00	-50903.00	68761.00	55041.20	2.10	5.22	1.16	1.19	0.84	1.46	1.37	1.00	1.00	1.00	80606.00	383810.00	3.07
68	124867.00	-0.00	-48089.50	63071.10	55041.00	2.19	5.22	1.17	1.19	0.83	1.45	1.36	1.00	1.00	1.00	80943.50	402155.00	3.22
81	123785.00	-1406.77	-0.00	-3883.58	-36691.60	3.14	5.51	1.23	1.26	0.77	1.44	1.35	1.00	1.00	1.00	87910.70	660377.00	5.33
82	124304.00	1406.77	-0.00	-3883.60	-31784.10	3.14	5.59	1.23	1.26	0.78	1.44	1.35	1.00	1.00	1.00	87786.50	669251.00	5.38
83	124044.00	-0.00	-1406.77	-1038.65	-34237.70	3.18	5.55	1.23	1.27	0.77	1.43	1.34	1.00	1.00	1.00	87896.90	674919.00	5.44
84	124044.00	-0.00	1406.77	-6728.54	-34237.90	3.09	5.55	1.23	1.26	0.78	1.44	1.35	1.00	1.00	1.00	87804.60	654780.00	5.28
97	93062.30	-0.00	-8662.35	9976.45	33666.50	2.99	5.38	1.22	1.26	0.78	1.46	1.36	1.00	1.00	1.00	87998.00	614149.00	6.60

Verifiche in condizioni non drenate

c_{ur}=9499.99 <kg/mq>;
N_q=1.00 ; N_c=5.14 ; g_c=0.00 ; b_c=0.00

CC	N <kg>	Tx <kg>	Ty <kg>	Mx <kgm>	My <kgm>	B' <m>	L' <m>	s_c	d_c	i_q	i_c	q_{lim} <kg/mq>	R_d <kg>	Sic.
1	92810.60	-1406.77	-67781.40	95916.00	31195.00	1.13	5.43	0.10	0.47	0.00	0.00	82116.20	219575.00	2.37
2	93328.80	1406.77	-67781.40	95916.00	36102.50	1.14	5.33	0.10	0.47	0.00	0.00	82046.00	217468.00	2.33
3	93069.70	-0.00	-69188.10	98760.90	33648.90	1.08	5.38	0.10	0.48	0.00	0.00	82457.60	207746.00	2.23
4	93069.80	-0.00	-66374.60	93071.10	33648.70	1.20	5.38	0.10	0.46	0.00	0.00	81710.30	229220.00	2.46
17	163648.00	-1406.77	-0.00	3534.30	72088.10	3.16	5.22	0.10	0.34	0.00	0.00	75972.40	544204.00	3.33
18	164167.00	1406.77	0.00	3534.28	76995.60	3.16	5.16	0.10	0.34	0.00	0.00	75971.60	538278.00	3.28
19	163907.00	0.00	-1406.77	6379.23	74542.00	3.12	5.19	0.10	0.35	0.00	0.00	76159.20	536603.00	3.27
20	163908.00	0.00	1406.77	689.34	74541.80	3.19	5.19	0.10	0.34	0.00	0.00	75788.90	545869.00	3.33
33	109285.00	-1406.77	-67781.40	95915.90	41388.60	1.44	5.34	0.10	0.43	0.00	0.00	80288.80	269430.00	2.47
34	109804.00	1406.77	-67781.40	95915.90	46296.10	1.45	5.26	0.10	0.43	0.00	0.00	80242.50	266468.00	2.43
35	109544.00	-0.00	-69188.10	98760.90	43842.40	1.40	5.30	0.10	0.44	0.00	0.00	80558.50	259288.00	2.37
36	109544.00	-0.00	-66374.60	93071.00	43842.20	1.50	5.30	0.10	0.43	0.00	0.00	79977.30	276561.00	2.52
49	180123.00	-1406.77	-0.00	3534.21	82281.70	3.16	5.19	0.10	0.34	0.00	0.00	75951.30	541331.00	3.01
50	180641.00	1406.77	-0.00	3534.19	87189.20	3.16	5.13	0.10	0.34	0.00	0.00	75950.70	535949.00	2.97
51	180382.00	0.00	-1406.77	6379.15	84735.50	3.13	5.16	0.10	0.35	0.00	0.00	76120.50	534451.00	2.96
52	180382.00	0.00	1406.77	689.25	84735.30	3.19	5.16	0.10	0.34	0.00	0.00	75784.90	542822.00	3.01
65	124608.00	-1406.77	-49496.20	65916.00	52587.40	2.14	5.26	0.10	0.36	0.00	0.00	76794.70	375905.00	3.02
66	125126.00	1406.77	-49496.20	65916.00	57494.90	2.15	5.18	0.10	0.36	0.00	0.00	76775.30	371210.00	2.97
67	124867.00	-0.00	-50903.00	68761.00	55041.20	2.10	5.22	0.10	0.37	0.00	0.00	76988.50	366585.00	2.94
68	124867.00	-0.00	-48089.50	63071.10	55041.00	2.19	5.22	0.10	0.36	0.00	0.00	76584.70	380499.00	3.05
81	123785.00	-1406.77	-0.00	-3883.58	-36691.60	3.14	5.51	0.10	0.35	0.00	0.00	76077.30	571486.00	4.62
82	124304.00	1406.77	-0.00	-3883.60	-31784.10	3.14	5.59	0.10	0.35	0.00	0.00	76075.90	579973.00	4.67
83	124044.00	-0.00	-1406.77	-1038.65	-34237.70	3.18	5.55	0.10	0.34	0.00	0.00	75832.50	582282.00	4.69
84	124044.00	-0.00	1406.77	-6728.54	-34237.90	3.09	5.55	0.10	0.35	0.00	0.00	76327.90	569195.00	4.59
97	93062.30	-0.00	-8662.35	9976.45	33666.50	2.99	5.38	0.10	0.36	0.00	0.00	76937.80	536958.00	5.77