

**NUOVA LINEA TORINO LIONE - NOUVELLE LIGNE LYON TURIN  
PARTE COMUNE ITALO-FRANCESE - PARTIE COMMUNE FRANCO-ITALIENNE**

**LOTTO COSTRUTTIVO 1 / LOT DE CONSTRUCTION 1  
CANTIERE OPERATIVO 02C / CHANTIER DE CONSTRUCTION 02C  
RILOCALIZZAZIONE DELL'AUTOPORTO DI SUSA  
DEPLACEMENT DE L'AUTOPORTO DE SUSE  
PROGETTO ESECUTIVO - ETUDES D'EXECUTION  
CUP C11J05000030001 - CIG 682325367F**

**FABBRICATI  
PCC - POSTO CONTROLLO CENTRALIZZATO  
RELAZIONE DI CALCOLO - EDIFICI - ALLEGATI**

Indice	Date / Data	Modifications / Modifiche	Etabli par / Concepito da	Vérifié par / Controllato da	Autorisé par / Autorizzato da
0	30/04/2017	Prima emissione Première diffusion	C. PROCOPIO (-)	L.BARBERIS (MUSINET ENG.)	F.D'AMBRA (MUSINET ENG.)
A	31/08/2017	Revisone a seguito commenti TELT Révision suite aux commentaires TELT	C. PROCOPIO (-)	L.BARBERIS (MUSINET ENG.)	F.D'AMBRA (MUSINET ENG.)
B	30/04/2018	Recepimento istruttoria validazione RINA Check	P. LESCE (MUSINET ENG.)	P. D'ALOISIO (MUSINET ENG.)	L. BARBERIS (MUSINET ENG.)

1	0	2	C	C	1	6	1	6	7	F	A	A	2	O	G	
Lot. Cos. Lot Con.	Cantiere operativo/ chantier de construction		Contratto/Contrat				Opera/Oeuvre		Tratto Tronçon	Parte Partie						

E	S	T	R	E	1	6	5	1	B
Fase Phase	Tipo documento Type de document		Oggetto Object		Numero documento Numéro de document			Indice Index	

INTEGRAZIONE PRESTAZIONI SPECIALISTICHE/  
/INTÉGRATION SPÉCIALISTE



Dott. Ing. Piero D'ALOISIO  
Albo di Torino  
N° 5193 S

**SCALA / ÉCHELLE**

-

IL PROGETTISTA/LE DESIGNER



Dott. Arch. Corrado GIOVANNETTI  
Albo di Torino  
N° 2736

L'APPALTATORE/L'ENTREPRENEUR

IL DIRETTORE DEI LAVORI/LE MAÎTRE D'ŒUVRE

## **SOMMAIRE / INDICE**

1. TABULATI DI VERIFICA STRUTTURA DI SOSTEGNO COPERTURA VETRATA .. 3

# 1. TABULATI DI VERIFICA STRUTTURA DI SOSTEGNO COPERTURA VETRATA

VERIFICA ELEMENTI IN ACCIAIO  
lavoro : PCCVE5

Unità di misura:  
Lunghezze: cm  
Prop.Sez.: cm  
Forze: daN  
Momenti: daNcm  
Tensioni: daN/cm2

## MATERIALI

S355 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;  
fyk = 3550.0(3350.0 per sp>40 mm); fyd = 3381.0(3190.5 per sp>40 mm).

## CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	1
4	SLU VENTOX 1	2
5	SLU VENTOX 2	1
6	SLU VENTOX 2	2
7	SLU VENTOX 3	1
8	SLU VENTOX 3	2
11	SLU con SISMAX PRINC	16
12	SLU con SISMAX PRINC	16

## CARATTERISTICHE GEOMETRICHE

TUBO\_CIRCOLARE\_S003 ( 3 ) :  
A = 39.5109E+00 Jz= 2.2080E+03 Jy= 2.2080E+03 Jt= 4.5603E+03  
diamest= 22. ; diamint= 21.

CASSONE\_S006 ( 6 ) :  
A = 71.0400E+00 Jz= 3.6386E+03 Jy= 1.5824E+03 Jt= 3.3426E+03  
base= 12. ; alt= 20. ; spsup= 1. ; spsx= 1. ; spdx= 1. ; spinf= 1.

TUBO\_CIRCOLARE\_S003 ( 3 ) stato limite ultimo - ASTA ( 196- 179) 435  
----- PROGR. 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 2	4841.6	-415369.0	0.0	-6157.0	-1209.4	-14.1
11-15	30089.0	415933.9	0.0	-6021.1	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	13	Sx	Si	0.0	-0.7	2216.7
11-15	si	9	Ty	-3.1	0.0	60.8	105.3

----- PROGR. 43.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 2	4236.4	-363447.9	0.0	-6143.4	-1209.4	-14.1
11-15	26327.9	363942.2	0.0	-6007.6	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	13	Sx	Si	0.0	-0.7	1958.8
11-15	si	9	Ty	-21.4	0.0	60.8	107.4

----- PROGR. 86.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 2	3631.2	-311526.8	0.0	-6129.9	-1209.4	-14.1
11-15	22566.8	311950.4	0.0	-5994.0	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	13	Sx	Si	0.0	-0.7	1700.8
11-15	si	9	Ty	-39.7	0.0	60.8	112.5

----- PROGR. 129.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 2	3026.0	-259605.6	0.0	-6116.4	-1209.4	-14.1
11-15	18805.6	259958.7	0.0	-5980.5	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	13	Sx	Si	0.0	-0.7	1442.9
11-15	si	9	Ty	-58.1	0.0	60.8	120.2

----- PROGR. 172.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 2	2420.8	-207684.5	0.0	-6102.8	-1209.4	-14.1
11-15	15044.5	207967.0	0.0	-5967.0	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	13	Sx	Si	0.0	-0.7	1184.9
11-15	si	9	Ty	-76.4	0.0	60.8	130.0

----- PROGR. 215.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 2	1815.6	-155763.4	0.0	-6089.3	-1209.4	-14.1
11-15	11283.4	155975.2	0.0	-5953.4	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	13	Sx	Si	0.0	-0.7	926.9
11-15	si	9	Ty	-94.7	0.0	60.8	141.6

----- PROGR. 258.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
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6-1	16272.9	266.7	0.0	-24579.7	3.1	-189.5		
11-15	7522.3	103983.5	0.0	-5939.9	1211.1	-87.6		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-702.8	0.0	-0.2	702.8
11-15	si	9	Ty	-113.0	0.0	60.8	154.4	

301.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8136.4	133.3	0.0	-24562.1	3.1	-189.5
11-15	3761.1	51991.7	0.0	-5926.4	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-662.0	0.0	-0.2	662.0
11-15	si	9	Ty	-131.3	0.0	60.8	168.3	

343.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-24544.5	3.1	-189.5
11-15	0.0	0.0	0.0	-5912.8	1211.1	-87.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-621.2	0.0	-0.2	621.2
11-15	si	9	Ty	-149.7	0.0	60.8	183.0	
6-1	si	5	Si	-621.2	0.0	9.5	621.4	

## VERIFICA STABILITA` :

L0 = 343.  
 Z Lc = 343. | Ro = 7.48 | lm = 45.9 | Ncr = 387977.6 | alfa(a) = 0.2100 | ki = 0.8895 |  
 Y Lc = 343. | Ro = 7.48 | lm = 45.9 | Ncr = 387977.6 | alfa(a) = 0.2100 | ki = 0.8895 |  
 Caso 11-2 - Nodo 13 - Asse Z  
 Ned = -6157.0 | Mzeq = 2905.0 | Myeq = -249221.4 | Ss = -1431.7 ( 0.423 )

TUBO\_CIRCOLARE\_S003 ( 3 ) stato limite ultimo - ASTA ( 214- 230 ) 458  
 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	368688.2	-130496.6	0.0	-4424.1	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	16	Sx	Si	-2049.8	0.0	-3.1	2049.8
11-15	si	12	Ty	-10.1	0.0	-58.2	101.3	

42.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	322602.2	-114184.5	0.0	-4410.8	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	16	Sx	Si	-1807.2	0.0	-3.1	1807.2
11-15	si	12	Ty	-22.5	0.0	-58.2	103.3	

84.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	276516.2	-97872.4	0.0	-4397.6	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	16	Sx	Si	-1564.6	0.0	-3.1	1564.7
11-15	si	12	Ty	-34.9	0.0	-58.2	106.7	

126.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	230430.1	-81560.4	0.0	-4384.3	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	16	Sx	Si	-1322.1	0.0	-3.1	1322.1
11-15	si	12	Ty	-47.3	0.0	-58.2	111.3	

168.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	184344.1	-65248.3	0.0	-4371.0	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	16	Sx	Si	-1079.5	0.0	-3.1	1079.5
11-15	si	12	Ty	-59.7	0.0	-58.2	117.2	

210.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	138258.1	-48936.2	0.0	-4357.7	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	16	Sx	Si	-837.0	0.0	-3.1	837.0
11-15	si	12	Ty	-72.1	0.0	-58.2	123.9	

253.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	92172.1	-32624.1	0.0	-4344.5	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	16	Sx	Si	-594.4	0.0	-3.1	594.4
11-15	si	12	Ty	-84.5	0.0	-58.2	131.5	

295.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-2357.9	-6225.1	0.0	-15754.5	-147.9	56.0
11-15	46086.0	-16312.1	0.0	-4331.2	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	12	Sx	Si	-431.7	0.0	-0.2	431.7

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

| 11-15|si|12| Ty | -96.9| 0.0| -58.2| 139.8|  
----- PROGR. 337.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-15737.2	-147.9	56.0
11-15	0.0	0.0	0.0	-4317.9	-387.5	-1094.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	12	Sx	-398.3	0.0	-0.2	398.3
11-15	si	12	Ty	-109.3	0.0	-58.2	148.7
6- 1	si	16	Si	-398.3	0.0	7.9	398.5

## VERIFICA STABILITA` :

L0 = 337.  
Z Lc = 337. Ro = 7.48 lm = 45.0 Ncr= 403608.3|alfa(a)=0.2100|ki=0.8939|  
Y Lc = 337. Ro = 7.48 lm = 45.0 Ncr= 403608.3|alfa(a)=0.2100|ki=0.8939|  
Cas011-15 - Nodo 16 - Asse Z  
Ned = -4424.1|Mezq = 221212.9|Myeq = -78297.9|Ss = -1300.8 ( 0.385)

TUBO\_CIRCOLARE\_S003 ( 3) stato limite ultimo - ASTA ( 217- 231) 460  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	444823.1	-127000.9	0.0	-3265.8	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-2362.8	0.0	-7.5	2362.8
11-12	si	12	Ty	179.8	0.0	-65.5	212.5

----- PROGR. 44.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	389220.2	-111125.8	0.0	-3251.9	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-2077.4	0.0	-7.5	2077.5
11-12	si	12	Ty	147.3	0.0	-65.5	185.9

----- PROGR. 88.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	333617.3	-95250.7	0.0	-3238.0	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-1792.1	0.0	-7.5	1792.1
11-12	si	12	Ty	114.9	0.0	-65.5	161.4

----- PROGR. 132.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	278014.4	-79375.6	0.0	-3224.2	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-1506.7	0.0	-7.5	1506.8
11-12	si	12	Ty	82.4	0.0	-65.5	140.2

----- PROGR. 176.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	222411.5	-63500.5	0.0	-3210.3	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-1221.3	0.0	-7.5	1221.4
11-12	si	12	Ty	50.0	0.0	-65.5	123.9

----- PROGR. 220.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	166808.7	-47625.3	0.0	-3196.4	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-936.0	0.0	-7.5	936.0
11-12	si	12	Ty	17.5	0.0	-65.5	114.7

----- PROGR. 264.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	111205.8	-31750.2	0.0	-3182.5	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-650.6	0.0	-7.5	650.7
11-12	si	12	Ty	-14.9	0.0	-65.5	114.3

----- PROGR. 308.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	55602.9	-15875.1	0.0	-3168.6	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	-365.2	0.0	-7.5	365.4
11-12	si	12	Ty	-47.4	0.0	-65.5	122.9

----- PROGR. 352.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-11989.2	-127.9	38.9
11-12	0.0	0.0	0.0	-3154.7	-360.5	-1262.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-303.4	0.0	5.2	303.6
11-12	si	12	Ty	-79.8	0.0	-65.5	138.7
6- 1	si	8	Si	-303.4	0.0	-6.7	303.7

## VERIFICA STABILITA` :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

L0 = 352.  
 Z | Lc = 352. | Ro = 7.48 | lm = 47.1 | Ncr = 368750.4 | alfa(a) = 0.2100 | ki = 0.8835 |  
 Y | Lc = 352. | Ro = 7.48 | lm = 47.1 | Ncr = 368750.4 | alfa(a) = 0.2100 | ki = 0.8835 |  
 Caso11-12 - Nodo 16 - Asse Z  
 Ned = -3265.8 | Mzeq = 266893.9 | Myeq = -76200.6 | Ss = -1473.9 ( 0.436)

TUBO\_CIRCOLARE\_S003 ( 3) stato limite ultimo - ASTA ( 218- 229) 461  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	356624.2	-184454.8	0.0	-4187.2	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	16	Sx	Si	0.0	5.0	2090.9
11-15	si	12	Ty		0.0	-59.2	292.9

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	312046.2	-161398.0	0.0	-4173.9	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	16	Sx	Si	0.0	5.0	1842.5
11-15	si	12	Ty		0.0	-59.2	273.0

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	267468.1	-138341.1	0.0	-4160.5	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	16	Sx	Si	0.0	5.0	1594.0
11-15	si	12	Ty		0.0	-59.2	253.3

----- PROGR. 127.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	222890.1	-115284.3	0.0	-4147.2	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	16	Sx	Si	0.0	5.0	1345.6
11-15	si	12	Ty		0.0	-59.2	233.9

----- PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	178312.1	-92227.4	0.0	-4133.8	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	16	Sx	Si	0.0	5.0	1097.1
11-15	si	12	Ty		0.0	-59.2	214.9

----- PROGR. 212.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	133734.1	-69170.6	0.0	-4120.4	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	16	Sx	Si	0.0	5.0	848.7
11-15	si	12	Ty		0.0	-59.2	196.4

----- PROGR. 254.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	89156.0	-46113.7	0.0	-4107.1	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	16	Sx	Si	0.0	5.0	600.2
11-15	si	12	Ty		0.0	-59.2	178.5

----- PROGR. 296.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-3017.6	-8594.5	0.0	-15441.5	-202.9	71.3
11-15	44578.0	-23056.9	0.0	-4093.7	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	12	Sx	Si	0.0	-0.6	435.9
11-15	si	12	Ty		0.0	-59.2	161.5

----- PROGR. 339.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-15424.2	-202.9	71.3
11-15	0.0	0.0	0.0	-4080.4	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx		0.0	0.6	390.4
11-15	si	12	Ty		0.0	-59.2	145.6
6- 1	si	8	Si		0.0	-10.8	390.8

----- PROGR. 339.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	430748.9	-233333.7	0.0	-3161.5	-665.1	-1227.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	16	Sx	Si	0.0	7.3	2497.6

----- PROGR. 462.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-3017.6	-8594.5	0.0	-15441.5	-202.9	71.3
11-15	44578.0	-23056.9	0.0	-4093.7	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	12	Sx	Si	0.0	-0.6	435.9
11-15	si	12	Ty		0.0	-59.2	161.5

----- PROGR. 339.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-15424.2	-202.9	71.3
11-15	0.0	0.0	0.0	-4080.4	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx		0.0	0.6	390.4
11-15	si	12	Ty		0.0	-59.2	145.6
6- 1	si	8	Si		0.0	-10.8	390.8

----- PROGR. 339.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-15424.2	-202.9	71.3
11-15	0.0	0.0	0.0	-4080.4	-544.4	-1052.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx		0.0	0.6	390.4
11-15	si	12	Ty		0.0	-59.2	145.6
6- 1	si	8	Si		0.0	-10.8	390.8

----- PROGR. 339.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11-12	si	12	Ty	-331.7	0.0	-69.7	353.0		
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----- PROGR. 44.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11-12	376905.2	-204167.0	0.0	-3147.7	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-12	si	16	Sx	Si	0.0	7.3	2195.0		
11-12	si	12	Ty		0.0	-69.7	323.3		

----- PROGR. 88.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11-12	323061.6	-175000.3	0.0	-3133.8	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-12	si	16	Sx	Si	0.0	7.3	1892.5		
11-12	si	12	Ty		0.0	-69.7	294.0		

----- PROGR. 132.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11-12	269218.0	-145833.5	0.0	-3120.0	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-12	si	16	Sx	Si	0.0	7.3	1590.0		
11-12	si	12	Ty		0.0	-69.7	265.3		

----- PROGR. 175.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11-12	215374.4	-116666.8	0.0	-3106.2	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-12	si	16	Sx	Si	0.0	7.3	1287.4		
11-12	si	12	Ty		0.0	-69.7	237.4		

----- PROGR. 219.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11-12	161530.8	-87500.1	0.0	-3092.4	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-12	si	16	Sx	Si	0.0	7.3	984.9		
11-12	si	12	Ty		0.0	-69.7	210.7		

----- PROGR. 263.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11-12	107687.2	-58333.4	0.0	-3078.5	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-12	si	16	Sx	Si	0.0	7.3	682.4		
11-12	si	12	Ty		0.0	-69.7	185.5		

----- PROGR. 307.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11-12	53843.6	-29166.7	0.0	-3064.7	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-12	si	16	Sx	Si	0.0	7.3	380.0		
11-12	si	12	Ty		0.0	-69.7	162.6		

----- PROGR. 351.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
6- 1	0.0	0.0	0.0	-11721.9	-179.9	57.8			
11-12	0.0	0.0	0.0	-3050.9	-665.1	-1227.8			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6- 1	si	3	Sx		0.0	4.3	296.8		
11-12	si	12	Ty		0.0	-69.7	143.3		
6- 1	si	16	Si		0.0	9.4	297.1		

## VERIFICA STABILITA` :

L0 = 351.  
 Z |Lc = 351. |Ro = 7.48 |lm = 46.9 |Ncr= 371821.8 |alfa(a)=0.2100 |ki=0.8845 |  
 Y |Lc = 351. |Ro = 7.48 |lm = 46.9 |Ncr= 371821.8 |alfa(a)=0.2100 |ki=0.8845 |  
 Caso11-12 - Nodo 16 - Asse Z  
 Ned = -3161.5 |Mzeq = 258449.3 |Myeq = -140000.2 |Ss = -1553.4 ( 0.459)

TUBO\_CIRCOLARE\_S003 ( 3) stato limite ultimo - ASTA ( 220- 93) 463  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11- 5	-277201.0	113595.7	0.0	-3508.9	345.3	842.6			
11-12	264281.8	-151163.8	0.0	-2504.8	-459.5	-803.3			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11- 5	si	8	Sx	Si	0.0	-0.2	1575.2		
11-12	si	12	Ty		0.0	-46.1	266.7		

----- PROGR. 41.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11- 5	-242550.9	99396.3	0.0	-3496.0	345.3	842.6			
11-12	231246.6	-132268.3	0.0	-2491.9	-459.5	-803.3			

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11- 5	si	8	Sx	Si	0.0	-0.2	1389.0		
11-12	si	12	Ty		0.0	-46.1	243.7		

----- PROGR. 82.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY			
11- 5	-207900.7	85196.8	0.0	-3483.0	345.3	842.6			

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11-12	198211.3	-113372.8	0.0	-2478.9	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 5	si	8	Sx	Si	-1202.9	1202.9
11-12	si	12	Ty		-206.1	221.0
						PROGR.
						123.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5	-173250.6	70997.3	0.0	-3470.0	345.3	842.6
11-12	165176.1	-94477.4	0.0	-2465.9	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 5	si	8	Sx	Si	-1016.8	1016.8
11-12	si	12	Ty		-181.9	198.6
						PROGR.
						164.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5	-138600.5	56797.9	0.0	-3457.1	345.3	842.6
11-12	132140.9	-75581.9	0.0	-2453.0	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 5	si	8	Sx	Si	-830.7	830.7
11-12	si	12	Ty		-157.6	176.7
						PROGR.
						206.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5	-103950.4	42598.4	0.0	-3444.1	345.3	842.6
11-12	99105.7	-56686.4	0.0	-2440.0	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 5	si	8	Sx	Si	-644.5	644.5
11-12	si	12	Ty		-133.4	155.5
						PROGR.
						247.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11- 5	-69300.2	28398.9	0.0	-3431.1	345.3	842.6
11-12	66070.4	-37790.9	0.0	-2427.0	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11- 5	si	8	Sx	Si	-458.4	458.4
11-12	si	12	Ty		-109.2	135.2
						PROGR.
						288.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	-3000.8	-8738.7	0.0	-11419.7	-212.5	73.0
11-12	33035.2	-18895.5	0.0	-2414.1	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	12	Sx	Si	-334.8	334.8
11-12	si	12	Ty		-85.0	116.6
						PROGR.
						329.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-11402.9	-212.5	73.0
11-12	0.0	0.0	0.0	-2401.1	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	4	Sx	Si	-288.6	288.6
11-12	si	12	Ty		-60.8	100.3
6- 1	si	8	Si		-288.6	289.3

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-11402.9	-212.5	73.0
11-12	0.0	0.0	0.0	-2401.1	-459.5	-803.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	4	Sx	Si	-288.6	288.6
11-12	si	12	Ty		-60.8	100.3
6- 1	si	8	Si		-288.6	289.3

VERIFICA STABILITA` :

L0 = 329.  
 Z |Lc = 329. |Ro = 7.48 |lm = 44.0 |Ncr= 422825.6 |alfa(a )=0.2100 |ki=0.8989 |  
 Y |Lc = 329. |Ro = 7.48 |lm = 44.0 |Ncr= 422825.6 |alfa(a )=0.2100 |ki=0.8989 |  
 Caso11- 5 - Nodo 8 - Asse Z  
 Ned = -3508.9 |Mzeq = -166320.6 |Myeq = 68157.4 |Ss = -998.1 ( 0.295)

TUBO\_CIRCOLARE\_S003 ( 3) stato limite ultimo - ASTA ( 221- 227) 464  
 ----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-12	344314.3	-111567.7	0.0	-2904.9	-337.1	-1040.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	16	Sx	Si	-1863.7	1863.7
11-12	si	12	Ty		68.8	117.1
						PROGR.
						41.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-12	301275.0	-97621.8	0.0	-2891.8	-337.1	-1040.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	16	Sx	Si	-1639.6	1639.6
11-12	si	12	Ty		51.4	107.8
						PROGR.
						83.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-12	258235.7	-83675.8	0.0	-2878.8	-337.1	-1040.3
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	16	Sx	Si	-1415.5	1415.5
11-12	si	12	Ty		33.9	100.6
						PROGR.
						124.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-12	215196.4	-69729.8	0.0	-2865.7	-337.1	-1040.3
TENSIONI (Sz= 0.00) :						



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Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	16	Sx	Si	-1191.4	0.0	-4.3	1191.4
11-12	si	12	Ty		16.4	0.0	-54.7	96.1

PROGR. 165.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	172157.2	-55783.9	0.0	-2852.7	-337.1	-1040.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	16	Sx	Si	-967.3	0.0	-4.3	967.3
11-12	si	12	Ty		-1.0	0.0	-54.7	94.7

PROGR. 207.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	129117.9	-41837.9	0.0	-2839.6	-337.1	-1040.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	16	Sx	Si	-743.2	0.0	-4.3	743.2
11-12	si	12	Ty		-18.5	0.0	-54.7	96.5

PROGR. 248.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	86078.6	-27891.9	0.0	-2826.6	-337.1	-1040.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	16	Sx	Si	-519.1	0.0	-4.3	519.1
11-12	si	12	Ty		-36.0	0.0	-54.7	101.3

PROGR. 290.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-2095.6	-6218.9	0.0	-11136.1	-150.3	50.7
11-12	43039.3	-13946.0	0.0	-2813.5	-337.1	-1040.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	12	Sx	Si	-314.3	0.0	-0.5	314.3
11-12	si	12	Ty		-53.4	0.0	-54.7	108.8

PROGR. 331.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-11119.1	-150.3	50.7
11-12	0.0	0.0	0.0	-2800.5	-337.1	-1040.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-281.4	0.0	0.5	281.4
11-12	si	12	Ty		-70.9	0.0	-54.7	118.3
6- 1	si	8	Si		-281.4	0.0	-7.9	281.8

## VERIFICA STABILITA` :

L0 = 331.  
 Z Lc = 331. | Ro = 7.48 | lm = 44.3 | Ncr = 417751.3 | alfa(a) = 0.2100 | ki = 0.8976 |  
 Y Lc = 331. | Ro = 7.48 | lm = 44.3 | Ncr = 417751.3 | alfa(a) = 0.2100 | ki = 0.8976 |  
 Caso 11-12 - Nodo 16 - Asse Z  
 Ned = -2904.9 | Mzeq = 206588.6 | Myeq = -66940.6 | Ss = -1163.5 ( 0.344 )

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 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	46053.4	355068.7	0.0	-7761.1	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-1582.1	0.0	0.0	1582.1
11-12	si	7	Tz		-235.8	42.1	0.0	246.9
11-12	si	9	Ty		1125.7	0.0	32.6	1127.1

PROGR. 44.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	40296.8	310685.1	0.0	-7736.8	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-1397.7	0.0	0.0	1397.7
11-12	si	7	Tz		-219.7	42.1	0.0	231.5
11-12	si	9	Ty		971.7	0.0	32.6	973.3

PROGR. 87.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	34540.1	266301.5	0.0	-7712.4	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-1213.2	0.0	0.0	1213.2
11-12	si	7	Tz		-203.5	42.1	0.0	216.2
11-12	si	9	Ty		817.6	0.0	32.6	819.6

PROGR. 131.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	28783.4	221917.9	0.0	-7688.1	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-1028.8	0.0	0.0	1028.8
11-12	si	7	Tz		-187.3	42.1	0.0	201.0
11-12	si	9	Ty		663.6	0.0	32.6	666.0

PROGR. 174.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	23026.7	177534.3	0.0	-7663.8	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-844.3	0.0	0.0	844.3

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11-12	si	7	Tz	-171.2	42.1	0.0	186.1
11-12	si	9	Ty	509.6	0.0	32.6	512.7

PROGR. 218.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	17270.0	133150.8	0.0	-7639.5	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	Si	0.0	0.0	659.9
11-12	si	7	Tz	-155.0	42.1	0.0	171.3
11-12	si	9	Ty	355.6	0.0	32.6	360.0

PROGR. 262.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	24771.2	164.6	0.0	-31287.5	1.9	-284.0
11-12	11513.4	88767.2	0.0	-7615.1	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	0.0	0.0	509.1
11-12	si	7	Tz	-138.8	42.1	0.0	156.9
11-12	si	9	Ty	201.5	0.0	32.6	209.3

PROGR. 305.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	12385.6	82.3	0.0	-31255.8	1.9	-284.0
11-12	5756.7	44383.6	0.0	-7590.8	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	0.0	0.0	474.3
11-12	si	7	Tz	-122.7	42.1	0.0	142.7
11-12	si	9	Ty	47.5	0.0	32.6	73.8

PROGR. 349.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-31224.2	1.9	-284.0
11-12	0.0	0.0	0.0	-7566.5	1017.7	-132.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	Si	0.0	0.0	439.5
11-12	si	7	Tz	-106.5	42.1	0.0	129.1
11-12	si	9	Ty	-106.5	0.0	32.6	120.6
6- 1	si	5	Si	-439.5	0.0	7.4	439.7

## VERIFICA STABILITA` :

L0 = 349. |  
 Z | Lc = 349. | Ro = 7.16 | lm = 48.8 | Ncr = 619486.0 | alfa(a) = 0.2100 | ki = 0.8750 |  
 Y | Lc = 349. | Ro = 4.72 | lm = 73.9 | Ncr = 269409.2 | alfa(a) = 0.2100 | ki = 0.6882 |  
 Caso11-12 - Nodo 2 - Asse Y  
 Ned = -7761.1 | Mzeq = 27632.1 | Myeq = 213041.2 | Ss = -1067.4 ( 0.316)

CASSONE\_S006 ( 6 ) stato limite ultimo - ASTA ( 249- 144 ) 485  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	176702.0	214383.9	0.0	-6419.4	643.9	-530.7
11-12	49849.0	292575.7	0.0	-7557.3	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	1388.9
11-12	si	7	Tz	-243.4	36.4	0.0	251.4
11-12	si	9	Ty	882.4	0.0	28.7	883.8

PROGR. 42.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	154614.3	187585.9	0.0	-6396.2	643.9	-530.7
11-12	43617.8	256003.8	0.0	-7534.1	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	1226.2
11-12	si	7	Tz	-225.9	36.4	0.0	234.6
11-12	si	9	Ty	759.2	0.0	28.7	760.8

PROGR. 83.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	132526.5	160787.9	0.0	-6373.0	643.9	-530.7
11-12	37386.7	219431.8	0.0	-7510.9	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	1063.6
11-12	si	7	Tz	-208.5	36.4	0.0	217.8
11-12	si	9	Ty	635.9	0.0	28.7	637.8

PROGR. 125.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	110438.8	133989.9	0.0	-6349.8	643.9	-530.7
11-12	31155.6	182859.8	0.0	-7487.7	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	901.0
11-12	si	7	Tz	-191.0	36.4	0.0	201.2
11-12	si	9	Ty	512.6	0.0	28.7	515.0

PROGR. 166.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	88351.0	107192.0	0.0	-6326.6	643.9	-530.7
11-12	24924.5	146287.9	0.0	-7464.5	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
------	----	----	---------	----	----	----	----

12-15	si	2	Sx	Si	-738.3	0.0	0.0	738.3
11-12	si	7	Tz		-173.6	36.4	0.0	184.7
11-12	si	9	Ty		389.3	0.0	28.7	392.5

PROGR. 208.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	66263.3	80394.0	0.0	-6303.4	643.9	-530.7
11-12	18693.4	109715.9	0.0	-7441.3	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-575.7	0.0	575.7
11-12	si	7	Tz		-156.1	36.4	0.0
11-12	si	9	Ty		266.1	0.0	28.7

PROGR. 250.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	26647.8	89.0	0.0	-31445.4	1.1	-320.1
11-12	12462.2	73143.9	0.0	-7418.0	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-516.2	0.0	516.2
11-12	si	7	Tz		-138.7	36.4	0.0
11-12	si	9	Ty		142.8	0.0	28.7

PROGR. 291.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	13323.9	44.5	0.0	-31415.3	1.1	-320.1
11-12	6231.1	36572.0	0.0	-7394.8	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-479.0	0.0	479.0
11-12	si	7	Tz		-121.2	36.4	0.0
11-12	si	9	Ty		19.5	0.0	28.7
6- 1	si	15	Si		-479.0	-3.9	0.0

PROGR. 333.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-31385.1	1.1	-320.1
11-12	0.0	0.0	0.0	-7371.6	878.7	-149.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx		-441.8	0.0	441.8
11-12	si	7	Tz		-103.8	36.4	0.0
11-12	si	9	Ty		-103.8	0.0	28.7
6- 1	si	5	Si		-441.8	0.0	8.4

## VERIFICA STABILITA` :

L0 = 333.  
 Z |Lc = 333. |Ro = 7.16 |lm = 46.5 |Ncr= 680210.4 |alfa(a)=0.2100 |ki=0.8866 |  
 Y |Lc = 333. |Ro = 4.72 |lm = 70.6 |Ncr= 295817.7 |alfa(a)=0.2100 |ki=0.7184 |  
 Caso12-15 - Nodo 2 - Asse Y  
 Ned = -6419.4 |Mzeq = 106021.2 |Myeq = 128630.3 |Ss = -918.5 ( 0.272)

## VERIFICA ELEMENTI IN ACCIAIO

lavoro : PCCVE5

Unità di misura:

Lunghezze: cm

Prop.Sez.: cm

Forze: daN

Momenti: daNcm

Tensioni: daN/cm2

## MATERIALI

S355 (EN 10025-2): Mod.El.= 2100000.0; gM = 1.050;  
 fyk = 3550.0(3350.0 per sp>40 mm); fyd = 3381.0(3190.5 per sp>40 mm).

## CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	1
4	SLU VENTOX 1	2
5	SLU VENTOX 2	1
6	SLU VENTOX 2	2
7	SLU VENTOX 3	1
8	SLU VENTOX 3	2
11	SLU con SISMAY PRINC	16
12	SLU con SISMAY PRINC	16

## CARATTERISTICHE GEOMETRICHE

CASSONE\_S004 ( 4 ) :  
 A =117.7600E+00 Jz= 9.3437E+03 Jy= 4.0464E+03 Jt= 8.5496E+03  
 base= 15. ; alt= 25. ; spsup= 2. ; spsx= 2. ; spdx= 2. ; spinf= 2.

CASSONE\_S005 ( 5 ) :  
 A = 90.2400E+00 Jz= 7.4109E+03 Jy= 3.2639E+03 Jt= 6.8855E+03  
 base= 15. ; alt= 25. ; spsup= 1. ; spsx= 1. ; spdx= 1. ; spinf= 1.

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 25- 150) 26  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	321745.5	-31961.1	4805.1	1948.7	-357.8	-1322.2
11-12	-27664.9	57838.9	-19583.5	-1401.4	657.7	169.8
12-15	-287391.3	35145.5	-14961.9	-3815.1	447.0	1278.2

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	3	Sx Si	506.2	0.0	4.8	506.3
11-12	si	7	Tz	25.1	36.0	0.0	67.2
12-15	si	6	Ty	-97.5	0.0	-35.0	114.9

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 8	326230.1	4892.7	-729.1	2275.2	-83.1	-1482.1
11-12	-24548.0	51653.8	-19583.5	-1400.9	657.7	151.9
12-15	-262799.2	28510.1	-14961.9	-3814.6	447.0	1260.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 8	si	4	Sx Si	464.8	0.0	0.7	464.8
11-12	si	7	Tz	20.9	36.0	0.0	65.7
12-15	si	10	Ty	221.3	0.0	-34.8	229.4

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 8	297341.4	8877.6	-729.1	2275.7	-83.1	-1500.0
11-12	-21777.8	47341.4	-19583.5	-1400.5	657.7	134.0
12-15	-238553.2	22506.2	-14961.9	-3814.1	447.0	1242.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 8	si	4	Sx Si	433.6	0.0	0.7	433.6
11-12	si	7	Tz	17.2	36.0	0.0	64.6
12-15	si	10	Ty	204.2	0.0	-34.6	212.8

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	267823.3	-19485.2	-2349.7	2258.5	-47.6	-1514.9
11-12	-19354.3	-52886.9	-19583.5	-1400.0	657.7	116.1
12-15	-214655.5	-11935.1	-14961.9	-3813.7	447.0	1224.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	3	Sx Si	413.6	0.0	2.3	413.6
11-12	si	7	Tz	14.0	36.0	0.0	63.8
12-15	si	10	Ty	240.1	0.0	-34.5	247.5

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	238299.4	-14203.6	-2349.7	2258.9	-47.6	-1532.8
11-12	-17277.5	-58626.3	-19583.5	-1399.6	657.7	98.2
12-15	-191104.0	-20380.7	-14961.9	-3813.2	447.0	1206.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	3	Sx Si	364.3	0.0	2.3	364.3
11-12	si	7	Tz	11.2	36.0	0.0	63.3
12-15	si	10	Ty	228.3	0.0	-34.3	235.9

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	208428.7	-12269.2	-2349.7	2259.4	-47.6	-1550.7
11-12	-15547.2	-65247.5	-19583.5	-1399.1	657.7	80.3
12-15	-167899.2	-26517.2	-14961.9	-3812.8	447.0	1188.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	3	Sx Si	320.8	0.0	2.3	320.8
11-12	si	7	Tz	8.9	36.0	0.0	62.9
12-15	si	10	Ty	212.6	0.0	-34.1	220.7

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 6	161897.5	31692.8	6425.6	1969.2	-393.3	-1432.7
11-12	-14163.3	-73424.4	-19583.5	-1398.6	657.7	62.4
12-15	-145041.2	-33651.0	-14961.9	-3812.3	447.0	1170.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 6	si	4	Sx Si	292.1	0.0	6.4	292.3
11-12	si	7	Tz	7.1	36.0	0.0	62.7
12-15	si	10	Ty	199.2	0.0	-34.0	207.7

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-122529.9	-41197.5	-14961.9	-3811.8	447.0	1152.9
11-12	-13125.4	-82675.5	-19583.5	-1398.2	657.7	44.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	4	Sx Si	-272.6	0.0	14.9	273.9
11-12	si	7	Tz	5.7	36.0	0.0	62.5
12-15	si	10	Ty	186.9	0.0	-33.8	195.9

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-100365.0	-49008.5	-14961.9	-3811.4	447.0	1135.0
11-12	-12432.9	-92707.6	-19583.5	-1397.7	657.7	26.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	4	Sx Si	-257.5	0.0	14.9	258.8
11-12	si	7	Tz	4.8	36.0	0.0	62.5
12-15	si	10	Ty	175.6	0.0	-33.6	185.0

## VERIFICA STABILITA` :

L0 = 155. |  
 Z |Lc = 155. |Ro = 8.91 |Im = 17.4 |Ncr= 8060723.1 |alfa(a)=0.2100 |ki=0.9939 |  
 Y |Lc = 155. |Ro = 5.86 |Im = 26.4 |Ncr= 3490803.3 |alfa(a)=0.2100 |ki=0.9665 |  
 Caso12-10 - Nodo 3 - Asse Y  
 Ned = -4250.8 |Mzeq = -283780.8 |Myeq = 14866.4 |Ss = -444.8 ( 0.132)

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

CASSONE\_S004 ( 4) stato limite ultimo - ASTA ( 33- 25) 34  
0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-465250.4	315.4	-184.0	-7232.3	-1.3	5114.0
11- 5	-75179.1	-94771.6	140993.5	-1260.9	-1043.4	1252.3
12-15	-379923.9	61710.1	-111739.7	-5236.9	750.5	824.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-684.4	0.0	0.2	684.4
11- 5	si	13	Tz	-48.3	-171.4	0.0	300.7
11- 5	si	12	Ty	77.2	0.0	-171.1	306.3
12-15	si	3	Si	-667.1	0.0	111.4	694.4

PROGR. 14.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-368372.7	51863.3	-111739.7	-5230.8	750.5	812.9
11- 5	-57552.7	-82479.8	140993.5	-1254.9	-1043.4	1240.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	3	Sx	-633.4	0.0	111.4	662.1
11- 5	si	13	Tz	-53.9	-171.3	0.0	301.5
11- 5	si	12	Ty	75.1	0.0	-171.0	305.5

PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-356984.1	42243.1	-111739.7	-5224.7	750.5	801.3
11- 5	-40091.0	-70906.5	140993.5	-1248.8	-1043.4	1229.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	3	Sx	-600.2	0.0	111.4	630.5
11- 5	si	13	Tz	-60.4	-171.2	0.0	302.6
11- 5	si	12	Ty	74.1	0.0	-170.9	305.1

PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-345758.3	32948.2	-111739.7	-5218.7	750.5	789.8
11- 5	-22793.9	-60328.9	140993.5	-1242.7	-1043.4	1217.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	3	Sx	-567.9	0.0	111.4	599.8
11- 5	si	13	Tz	-68.0	-171.1	0.0	304.1
11- 5	si	12	Ty	74.7	0.0	-170.8	305.1

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	-369672.8	-10038.4	-43979.3	-5627.7	254.1	695.2
11- 5	-5661.3	-51121.8	140993.5	-1236.6	-1043.4	1206.1
12-15	-334695.2	24158.4	-111739.7	-5212.6	750.5	778.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	4	Sx	-560.9	0.0	43.8	566.1
11- 5	si	13	Tz	-77.5	-171.0	0.0	306.2
11- 5	si	12	Ty	77.6	0.0	-170.7	305.6
12-15	si	3	Si	-536.8	0.0	111.4	570.4

PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	-359930.9	-14515.9	-43979.3	-5621.6	254.1	683.7
11- 5	11307.0	-43980.5	140993.5	-1230.6	-1043.4	1194.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	4	Sx	-556.2	0.0	43.8	561.3
11- 5	si	13	Tz	-89.7	-170.9	0.0	309.4
11- 5	si	12	Ty	84.3	0.0	-170.6	307.2

PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	-350352.5	-22956.9	-43979.3	-5615.6	254.1	672.1
11- 5	28111.0	-37892.8	140993.5	-1224.5	-1043.4	1182.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	4	Sx	-558.9	0.0	43.8	564.1
11- 5	si	13	Tz	-103.3	-170.9	0.0	313.4
11- 5	si	12	Ty	92.6	0.0	-170.5	309.4

PROGR. 99.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	-308278.3	-29741.3	-103285.1	-5259.8	683.2	719.8
11- 5	44750.9	61052.5	140993.5	-1218.4	-1043.4	1171.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	4	Sx	-512.2	0.0	102.9	542.3
11- 5	si	13	Tz	18.8	-170.8	0.0	296.4
11- 5	si	12	Ty	-71.3	0.0	-170.3	303.5
12-11	si	14	Si	-500.4	122.4	0.0	543.5

PROGR. 113.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 6	334216.1	37678.7	103272.9	1790.4	-685.0	1550.2
11- 5	61226.7	68994.3	140993.5	-1212.3	-1043.4	1159.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 6	si	4	Sx	532.2	0.0	102.9	561.2
11- 5	si	13	Tz	8.4	-170.7	0.0	295.7
11- 5	si	12	Ty	-66.8	0.0	-170.2	302.3

VERIFICA STABILITA` :

L0 = 113.  
 Z | Lc = 113. | Ro = 8.91 | lm = 12.7 | Ncr = 15180518.2 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 113. | Ro = 5.86 | lm = 19.3 | Ncr = 6574125.2 | alfa(a) = 0.2100 | ki = 0.9884 |  
 Casol2-15 - Nodo 3 - Asse Y  
 Ned = -5236.9 | Mzeq = -379923.9 | Myeq = 46282.6 | Ss = -639.3 ( 0.189)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-215450.6	48621.1	-75671.9	-4357.6	744.4	-1086.3
11-15	28600.1	-56262.6	100349.1	-1642.4	-906.2	-1669.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	3	Sx	-415.4	0.0	75.4	435.4
11-15	si	14	Tz	-57.7	-131.1	0.0	234.3
11-15	si	10	Ty	57.0	0.0	132.0	235.7

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	-258425.9	21217.9	-37730.1	-4617.7	395.9	-1051.1
11-15	-5310.8	-39131.8	100349.1	-1648.5	-906.2	-1687.5
12- 5	-237555.9	33946.5	-75671.9	-4363.8	744.4	-1103.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	3	Sx	-424.3	0.0	37.6	429.2
11-15	si	14	Tz	-78.2	-131.2	0.0	240.4
11-15	si	10	Ty	64.7	0.0	132.2	238.0
12- 5	si	16	Si	-404.4	99.0	0.0	439.2

----- PROGR. 40.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-274231.7	-4101.0	12132.5	-7973.8	-5.7	-6589.8
11-15	-39579.4	-24208.7	100349.1	-1654.6	-906.2	-1705.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-442.2	0.0	12.1	442.7
11-15	si	14	Tz	-102.3	-131.4	0.0	249.5
11-15	si	10	Ty	77.0	0.0	132.4	241.9
6- 1	si	14	Si	-440.6	-60.9	0.0	453.0

----- PROGR. 61.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-407509.8	-3986.8	12132.5	-7981.8	-5.7	-6612.7
11-15	-74206.3	7659.4	100349.1	-1660.8	-906.2	-1722.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-620.3	0.0	12.1	620.7
11-15	si	14	Tz	-102.2	-131.5	0.0	249.6
11-15	si	10	Ty	58.3	0.0	132.5	236.9
6- 1	si	14	Si	-618.8	-61.1	0.0	627.7

----- PROGR. 81.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-541250.6	-3872.6	12132.5	-7989.7	-5.7	-6635.6
11-15	-109191.7	22323.3	100349.1	-1666.9	-906.2	-1740.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-799.1	0.0	12.1	799.4
11-15	si	14	Tz	-127.7	-131.6	0.0	261.3
11-15	si	10	Ty	71.8	0.0	132.7	240.8
6- 1	si	14	Si	-797.6	-61.2	0.0	804.6

----- PROGR. 101.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-675454.1	-3758.4	12132.5	-7997.7	-5.7	-6658.5
11-15	-144536.2	39370.6	100349.1	-1673.0	-906.2	-1758.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-978.5	0.0	12.1	978.7
11-15	si	14	Tz	-150.2	-131.8	0.0	273.2
11-15	si	10	Ty	81.4	0.0	132.9	244.1
6- 1	si	14	Si	-977.0	-61.4	0.0	982.8

----- PROGR. 121.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-810120.2	-3644.3	12132.5	-8005.7	-5.7	-6681.4
11-15	-180240.5	57082.7	100349.1	-1679.2	-906.2	-1775.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1158.5	0.0	12.1	1158.7
11-15	si	14	Tz	-172.2	-131.9	0.0	286.0
11-15	si	10	Ty	90.2	0.0	133.0	247.5
6- 1	si	14	Si	-1157.1	-61.6	0.0	1162.0

----- PROGR. 141.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-945249.1	-3530.1	12132.5	-8013.7	-5.7	-6704.4
11-15	-216305.2	75044.8	100349.1	-1685.3	-906.2	-1793.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1339.1	0.0	12.1	1339.3
11-15	si	14	Tz	-194.3	-132.0	0.0	300.0
11-15	si	10	Ty	98.9	0.0	133.2	251.0
6- 1	si	14	Si	-1337.8	-61.7	0.0	1342.0

----- PROGR. 162.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-1080840.6	-3415.9	12132.5	-8021.6	-5.7	-6727.3
11-15	-252731.5	93125.5	100349.1	-1691.4	-906.2	-1810.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1520.4	0.0	12.1	1520.5
11-15	si	14	Tz	-216.7	-132.1	0.0	315.2
11-15	si	10	Ty	107.9	0.0	133.4	254.9
6-1	si	14	Si	-1519.0	-61.9	0.0	1522.8

-----  
 VERIFICA STABILITA` :

L0 = 162.  
 Z Lc = 162. | Ro = 8.91 | lm = 18.1 | Ncr = 7423176.7 | alfa(a) = 0.2100 | ki = 0.9918 |  
 Y Lc = 162. | Ro = 5.86 | lm = 27.6 | Ncr = 3214705.3 | alfa(a) = 0.2100 | ki = 0.9629 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -8021.6 | Mzeq = -810630.4 | Myeq = -4329.3 | Ss = -1164.4 ( 0.344 )

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 -----  
 PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-5	-652365.9	-170471.7	-93323.1	-3376.1	-810.8	3933.5	
11-2	-170993.4	-194689.9	-120365.1	-3099.1	-929.5	1703.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-1217.4	0.0	93.0	1228.0
11-2	si	13	Tz	-81.4	-151.8	0.0	275.2
12-5	si	6	Ty	287.3	0.0	-155.0	393.2

-----  
 PROGR. 11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-5	-608114.1	-161350.0	-93323.1	-3365.7	-810.8	3933.5	
11-2	-151833.3	-184233.7	-120365.1	-3088.7	-929.5	1703.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-1141.2	0.0	93.0	1152.5
11-2	si	13	Tz	-91.7	-151.8	0.0	278.4
12-5	si	6	Ty	270.5	0.0	-155.0	381.0

-----  
 PROGR. 22.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-5	-563862.2	-152228.3	-93323.1	-3355.3	-810.8	3933.5	
11-2	-132673.1	-173777.6	-120365.1	-3078.3	-929.5	1703.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-1065.0	0.0	93.0	1077.1
11-2	si	13	Tz	-102.0	-151.8	0.0	282.0
12-5	si	6	Ty	253.7	0.0	-155.0	369.3

-----  
 PROGR. 34.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-5	-519610.3	-143106.6	-93323.1	-3344.9	-810.8	3933.5	
11-2	-113512.9	-163321.5	-120365.1	-3067.9	-929.5	1703.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-988.8	0.0	93.0	1001.8
11-2	si	13	Tz	-112.3	-151.8	0.0	285.9
12-5	si	6	Ty	236.8	0.0	-155.0	358.0

-----  
 PROGR. 45.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-5	-475358.5	-133984.9	-93323.1	-3334.5	-810.8	3933.5	
11-2	-94352.6	-152865.4	-120365.1	-3057.5	-929.5	1703.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-912.6	0.0	93.0	926.7
11-2	si	13	Tz	-122.6	-151.8	0.0	290.1
12-5	si	6	Ty	220.0	0.0	-155.0	347.1

-----  
 PROGR. 56.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-5	-431106.6	-124863.2	-93323.1	-3324.1	-810.8	3933.5	
11-2	-75192.3	-142409.4	-120365.1	-3047.1	-929.5	1703.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-836.4	0.0	93.0	851.8
11-2	si	13	Tz	-132.9	-151.8	0.0	294.6
12-5	si	6	Ty	203.2	0.0	-155.0	336.6

-----  
 PROGR. 68.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-5	-386854.7	-115741.6	-93323.1	-3313.7	-810.8	3933.5	
11-2	-56031.9	-131953.4	-120365.1	-3036.7	-929.5	1703.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-760.2	0.0	93.0	777.1
11-2	si	13	Tz	-143.2	-151.8	0.0	299.4
12-5	si	6	Ty	186.4	0.0	-155.0	326.8

-----  
 PROGR. 79.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-12	368832.5	101956.0	93744.5	-2690.1	779.8	-1268.2	
11-2	-36871.5	-121497.5	-120365.1	-3026.3	-929.5	1703.1	
12-5	-342602.8	-106620.0	-93323.1	-3303.3	-810.8	3933.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	-705.2	0.0	93.4	723.6
11-2	si	13	Tz	-153.5	-151.8	0.0	304.4
12-5	si	6	Ty	169.6	0.0	-155.0	317.5

-----  
 PROGR. 90.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
12-12	354565.2	93183.5	93744.5	-2679.7	779.8	-1268.2
11- 2	-17711.0	-111041.7	-120365.1	-3015.9	-929.5	1703.1
12- 5	-298350.8	-97498.4	-93323.1	-3292.9	-810.8	3933.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	Si	-669.8	0.0	93.4
11- 2	si	13	Tz	-163.8	-151.8	0.0	309.8
12- 5	si	6	Ty	152.7	0.0	-155.0	308.8

-----  
 VERIFICA STABILITA` :

L0 = 90.  
 Z Lc = 90. | Ro = 8.91 | lm = 10.1 | Ncr = 23908502.5 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 90. | Ro = 5.86 | lm = 15.4 | Ncr = 10353894.8 | alfa(a) = 0.2100 | ki = 0.9998  
 Caso 12- 5 - Nodo 4 - Asse Y  
 Ned = -3376.1 | Mzeq = -510759.9 | Myeq = -141282.4 | Ss = -974.0 ( 0.288)

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 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	354565.2	93183.5	93744.5	-2567.6	765.2	-1265.5
11- 2	-17711.0	-111041.7	-120365.1	-2903.8	-917.0	1703.0
12- 5	-298350.8	-97498.4	-93323.1	-3180.8	-802.0	3930.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	Si	-668.9	0.0	93.4
11- 2	si	13	Tz	-162.9	-151.5	0.0	308.9
12- 5	si	6	Ty	153.7	0.0	-154.9	309.2

-----  
 PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	340328.5	84574.8	93744.5	-2557.2	765.2	-1265.5
11- 2	1448.7	-100726.1	-120365.1	-2893.4	-917.0	1703.0
12- 5	-254129.5	-88475.9	-93323.1	-3170.4	-802.0	3930.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	Si	-633.8	0.0	93.4
11- 2	si	13	Tz	-173.4	-151.5	0.0	314.5
12- 5	si	6	Ty	137.1	0.0	-154.9	301.3

-----  
 PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	326091.8	75966.2	93744.5	-2546.8	765.2	-1265.5
11- 2	20608.5	-90410.7	-120365.1	-2883.0	-917.0	1703.0
12- 5	-209908.2	-79453.6	-93323.1	-3160.0	-802.0	3930.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	Si	-598.7	0.0	93.4
11- 2	si	13	Tz	-183.9	-151.5	0.0	320.4
12- 5	si	6	Ty	120.4	0.0	-154.9	294.1

-----  
 PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	311855.1	67357.7	93744.5	-2536.4	765.2	-1265.5
11- 2	39768.6	-80095.5	-120365.1	-2872.6	-917.0	1703.0
12- 5	-165686.8	-70431.3	-93323.1	-3149.6	-802.0	3930.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	Si	-563.6	0.0	93.4
11- 2	si	13	Tz	-194.4	-151.5	0.0	326.6
12- 5	si	6	Ty	103.8	0.0	-154.9	287.7

-----  
 PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	341332.4	-4553.1	758.6	-10447.9	-82.1	5435.8
11- 2	58928.9	-69780.8	-120365.1	-2862.2	-917.0	1703.0
12- 5	-121465.3	-61409.2	-93323.1	-3139.2	-802.0	3930.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-553.8	0.0	0.8
11- 2	si	13	Tz	-204.9	-151.5	0.0	332.9
12- 5	si	6	Ty	87.2	0.0	-154.9	282.1
6- 1	si	13	Si	-552.0	-42.6	0.0	556.9

-----  
 PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	402484.6	-3629.0	758.6	-10434.4	-82.1	5435.8
11- 2	78089.6	-59466.6	-120365.1	-2851.8	-917.0	1703.0
12- 5	-77243.8	-52387.3	-93323.1	-3128.8	-802.0	3930.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-633.8	0.0	0.8
11- 2	si	13	Tz	-215.4	-151.5	0.0	339.5
12- 5	si	6	Ty	70.5	0.0	-154.9	277.4
6- 1	si	13	Si	-632.3	-42.6	0.0	636.6

-----  
 PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	463636.9	-2704.9	758.6	-10420.9	-82.1	5435.8
11- 2	97251.0	-49153.3	-120365.1	-2841.4	-917.0	1703.0
12- 5	-33022.0	-43365.8	-93323.1	-3118.4	-802.0	3930.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-713.8	0.0	0.8
11- 2	si	13	Tz	-225.9	-151.5	0.0	346.3
12- 5	si	6	Ty	53.9	0.0	-154.9	273.7
6- 1	si	13	Si	-712.7	-42.6	0.0	716.5



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

----- PROGR. 79.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	524789.2	-1780.8	758.6	-10407.4	-82.1	5435.8	
11- 2	116413.4	-38841.7	-120365.1	-2831.0	-917.0	1703.0	
12- 5	11200.0	-34345.1	-93323.1	-3108.0	-802.0	3930.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-793.7	0.0	0.8	793.7
11- 2	si	13	Tz	-236.4	-151.5	0.0	353.2
12- 5	si	6	Ty	37.3	0.0	-154.9	270.9
6- 1	si	13	Si	-793.0	-42.6	0.0	796.5

----- PROGR. 90.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	585941.5	-856.7	758.6	-10393.9	-82.1	5435.8	
11- 2	135577.8	-28533.7	-120365.1	-2820.6	-917.0	1703.0	
12- 5	55422.5	-25325.8	-93323.1	-3097.6	-802.0	3930.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-873.7	0.0	0.8	873.7
11- 2	si	13	Tz	-246.9	-151.5	0.0	360.3
12- 5	si	6	Ty	20.6	0.0	-154.9	269.1
6- 1	si	13	Si	-873.4	-42.6	0.0	876.5

VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 8.91 | lm = 10.1 | Ncr = 23908502.5 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 90. | Ro = 5.86 | lm = 15.4 | Ncr = 10353894.8 | alfa(a) = 0.2100 | ki = 0.9998 |  
 Caso12-12 - Nodo 2 - Asse Y  
 Ned = -2567.6 | Mzeq = 354565.2 | Myeq = 76375.3 | Ss = -637.8 ( 0.189 )

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----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	585941.5	-856.7	758.6	-10229.6	358.4	5401.4	
11- 2	135577.8	-28533.7	-120365.1	-2708.4	-830.0	1663.2	
12- 5	55422.5	-25325.8	-93323.1	-2985.5	-713.4	3774.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-872.3	0.0	0.8	872.3
11- 2	si	13	Tz	-246.0	-149.4	0.0	357.1
12- 5	si	6	Ty	21.6	0.0	-152.5	264.9
6- 1	si	13	Si	-872.0	-33.2	0.0	873.9

----- PROGR. 5.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	613623.5	-2693.3	758.6	-10223.5	358.4	5401.4	
11- 2	144108.2	-24282.0	-120365.1	-2703.7	-830.0	1663.2	
12- 5	74767.9	-21671.2	-93323.1	-2980.7	-713.4	3774.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-912.7	0.0	0.8	912.7
11- 2	si	13	Tz	-251.2	-149.4	0.0	360.6
12- 5	si	6	Ty	14.9	0.0	-152.5	264.5
6- 1	si	13	Si	-911.6	-33.2	0.0	913.5

----- PROGR. 10.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	641305.6	-4529.8	758.6	-10217.3	358.4	5401.4	
11- 2	152640.8	-20031.4	-120365.1	-2699.0	-830.0	1663.2	
12- 5	94113.9	-18017.4	-93323.1	-2976.0	-713.4	3774.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-953.1	0.0	0.8	953.1
11- 2	si	13	Tz	-256.3	-149.4	0.0	364.3
12- 5	si	6	Ty	8.1	0.0	-152.5	264.2

----- PROGR. 15.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	668987.6	-6366.4	758.6	-10211.1	358.4	5401.4	
11- 2	161177.0	-15782.7	-120365.1	-2694.2	-830.0	1663.2	
12- 5	113460.9	-14365.5	-93323.1	-2971.3	-713.4	3774.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-993.5	0.0	0.8	993.5
11- 2	si	13	Tz	-261.5	-149.4	0.0	367.9
12- 5	si	6	Ty	1.4	0.0	-152.5	264.1

----- PROGR. 20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	696669.7	-8203.0	758.6	-10205.0	358.4	5401.4	
11- 2	169719.7	-11539.2	-120365.1	-2689.5	-830.0	1663.2	
12- 5	132809.9	-10718.7	-93323.1	-2966.5	-713.4	3774.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-1033.9	0.0	0.8	1033.9
11- 2	si	13	Tz	-266.7	-149.4	0.0	371.6
12- 5	si	6	Ty	-5.3	0.0	-152.5	264.1

----- PROGR. 26.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	724351.7	-10039.6	758.6	-10198.8	358.4	5401.4	
11- 2	178276.2	-7319.0	-120365.1	-2684.8	-830.0	1663.2	
12- 5	152162.8	-7101.2	-93323.1	-2961.8	-713.4	3774.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

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6- 1	si	1	Sx	Si	-1074.3	0.0	0.8	1074.3
11- 2	si	13	Tz		-272.0	-149.4	0.0	375.4
12- 5	si	6	Ty		-12.0	0.0	-152.5	264.3

----- PROGR. 31.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		752033.8		-11876.1		758.6		-10192.7		358.4		5401.4
11- 2		186869.1		-2479.6		-120365.1		-2680.0		-830.0		1663.2
12- 5		171526.3		-3168.4		-93323.1		-2957.0		-713.4		3774.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1114.6		0.0		0.8		1114.6
11- 2	si	13	Tz		-276.4		-149.4		0.0		378.6
12- 5	si	6	Ty		-19.2		0.0		-152.5		264.8

----- PROGR. 36.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		779715.8		-13712.7		758.6		-10186.5		358.4		5401.4
11- 2		195623.9		1303.7		-120365.1		-2675.3		-830.0		1663.2
12- 5		190936.0		308.6		-93323.1		-2952.3		-713.4		3774.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1155.0		0.0		0.8		1155.0
11- 2	si	13	Tz		-282.5		-149.4		0.0		383.1
12- 5	si	6	Ty		-25.6		0.0		-152.5		265.3

----- PROGR. 41.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		807397.8		-15549.3		758.6		-10180.4		358.4		5401.4
11- 2		205815.7		5531.6		-120365.1		-2670.5		-830.0		1663.2
12- 5		210791.0		3950.0		-93323.1		-2947.6		-713.4		3774.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1195.4		0.0		0.8		1195.4
11- 2	si	13	Tz		-290.0		-149.4		0.0		388.7
12- 5	si	6	Ty		-32.4		0.0		-152.5		266.0

## VERIFICA STABILITA` :

L0 = 41.  
 Z |Lc = 41. |Ro = 8.91 |lm = 4.6 |Ncr=115204562.7 |alfa(a)=0.2100 |ki=1.0000  
 Y |Lc = 41. |Ro = 5.86 |lm = 7.0 |Ncr= 49890867.4 |alfa(a)=0.2100 |ki=1.0000  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -10229.6 |Mzeq = 718815.3 |Myeq = -9672.3 |Ss = -1066.5 ( 0.315)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		807397.8		-15549.3		758.6		-10016.1		-58.2		5367.0
11- 2		205815.7		5531.6		-120365.1		-2558.4		-1030.3		1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1194.0		0.0		0.8		1194.0
11- 2	si	13	Tz		-289.0		-153.6		0.0		392.8
11- 2	si	12	Ty		208.1		0.0		-154.2		338.6

----- PROGR. 6.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		841578.2		-15178.4		758.6		-10008.5		-58.2		5367.0
11- 2		214115.2		12080.1		-120365.1		-2552.5		-1030.3		1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1239.0		0.0		0.8		1239.0
11- 2	si	13	Tz		-290.5		-153.6		0.0		393.9
11- 2	si	12	Ty		205.7		0.0		-154.2		337.1

----- PROGR. 13.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		875758.5		-14807.4		758.6		-10000.8		-58.2		5367.0
11- 2		224795.4		18636.0		-120365.1		-2546.6		-1030.3		1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1284.0		0.0		0.8		1284.0
11- 2	si	13	Tz		-295.2		-153.6		0.0		397.3
11- 2	si	12	Ty		206.1		0.0		-154.2		337.3

----- PROGR. 19.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		909938.9		-14436.5		758.6		-9993.1		-58.2		5367.0
11- 2		235422.7		25194.3		-120365.1		-2540.8		-1030.3		1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1328.9		0.0		0.8		1328.9
11- 2	si	13	Tz		-299.8		-153.6		0.0		400.8
11- 2	si	12	Ty		206.4		0.0		-154.2		337.5

----- PROGR. 25.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6- 1		944119.2		-14065.5		758.6		-9985.5		-58.2		5367.0
11- 2		246033.6		31753.8		-120365.1		-2534.9		-1030.3		1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si
6- 1	si	1	Sx	Si	-1373.9		0.0		0.8		1373.9
11- 2	si	13	Tz		-304.4		-153.6		0.0		404.2
11- 2	si	12	Ty		206.6		0.0		-154.2		337.6

----- PROGR. 32.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6- 1	978299.6	-13694.6	758.6	-9977.8	-58.2	5367.0
11- 2	256637.4	38313.9	-120365.1	-2529.0	-1030.3	1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1418.9	0.0	0.8	1418.9
11- 2	si	13	Tz		-308.9	-153.6	0.0	407.7
11- 2	si	12	Ty		206.9	0.0	-154.2	337.8

PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1012479.9	-13323.6	758.6	-9970.2	-58.2	5367.0
11- 2	267237.4	44874.3	-120365.1	-2523.1	-1030.3	1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1463.9	0.0	0.8	1463.9
11- 2	si	13	Tz		-313.5	-153.6	0.0	411.1
11- 2	si	12	Ty		207.1	0.0	-154.2	338.0

PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1046660.2	-12952.7	758.6	-9962.5	-58.2	5367.0
11- 2	277835.3	51434.9	-120365.1	-2517.2	-1030.3	1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1508.8	0.0	0.8	1508.8
11- 2	si	13	Tz		-318.1	-153.6	0.0	414.6
11- 2	si	12	Ty		207.4	0.0	-154.2	338.1

PROGR. 51.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1080840.6	-12581.7	758.6	-9954.9	-58.2	5367.0
11- 2	288431.7	57995.7	-120365.1	-2511.3	-1030.3	1663.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1553.8	0.0	0.8	1553.8
11- 2	si	13	Tz		-322.6	-153.6	0.0	418.1
11- 2	si	12	Ty		207.7	0.0	-154.2	338.3

VERIFICA STABILITA` :

L0 = 51.  
 Z |Lc = 51. |Ro = 8.91 |lm = 5.7 |Ncr= 74604678.7 |alfa(a )=0.2100 |ki=1.0000 |  
 Y |Lc = 51. |Ro = 5.86 |lm = 8.7 |Ncr= 32308547.9 |alfa(a )=0.2100 |ki=1.0000 |  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -10016.1 |Mzeq = 971463.5 |Myeq = -14362.3 |Ss = -1411.5 ( 0.417)

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PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-93611.3	-147.5	-364.8	-8970.3	-1.4	-4020.8
11-12	-17365.3	32042.9	-145676.3	-2389.7	1300.8	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx		-201.7	0.0	0.4	201.7
11-12	si	13	Tz		49.7	183.1	0.0	320.9
11-12	si	12	TySi		-99.9	0.0	182.6	331.7

PROGR. 12.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-140066.2	-131.1	-364.8	-8956.4	-1.4	-4020.8
11-12	-34686.4	17184.1	-145676.3	-2379.0	1300.8	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx		-263.7	0.0	0.4	263.7
11-12	si	13	Tz		51.3	183.1	0.0	321.2
11-12	si	12	Ty		-92.5	0.0	182.6	329.5
11-12	si	16	Si		-91.7	183.1	0.0	330.0

PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-186521.1	-114.6	-364.8	-8942.5	-1.4	-4020.8
11-12	-51569.7	3544.6	-145676.3	-2368.3	1300.8	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx		-325.7	0.0	0.4	325.7
11-12	si	13	Tz		54.0	183.1	0.0	321.6
11-12	si	12	Ty		-86.8	0.0	182.6	327.9
11-12	si	16	Si		-94.3	183.1	0.0	330.8

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-232976.0	-98.2	-364.8	-8928.6	-1.4	-4020.8
11-12	-68703.0	-13754.1	-145676.3	-2357.6	1300.8	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx		-387.7	0.0	0.4	387.7
11-12	si	13	Tz		51.8	183.1	0.0	321.3
11-12	si	12	Ty		-74.7	0.0	182.6	324.9
6- 1	si	14	Si		-387.6	-30.1	0.0	391.1

PROGR. 46.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-279430.9	-81.7	-364.8	-8914.7	-1.4	-4020.8
11-12	-85828.7	-28510.8	-145676.3	-2347.0	1300.8	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx		-449.7	0.0	0.4	449.7
11-12	si	13	Tz		53.3	183.1	0.0	321.5

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11-12	si	12	Ty	-67.2	0.0	182.6	323.3
6-1	si	14	Si	-449.6	-30.1	0.0	452.7

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-325885.7	-65.3	-364.8	-8900.8	-1.4	-4020.8
11-12	-102952.5	-43456.3	-145676.3	-2336.3	1300.8	-1482.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-511.7	0.0	0.4	511.7
11-12	si	13	Tz	54.5	183.1	0.0	321.7
11-12	si	12	Ty	-59.4	0.0	182.6	321.8
6-1	si	14	Si	-511.7	-30.1	0.0	514.3

----- PROGR. 69.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-372340.6	-48.9	-364.8	-8886.9	-1.4	-4020.8
11-12	-120075.7	-58444.8	-145676.3	-2325.6	1300.8	-1482.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-573.7	0.0	0.4	573.7
11-12	si	13	Tz	55.7	183.1	0.0	321.9
11-12	si	12	Ty	-51.5	0.0	182.6	320.4
6-1	si	14	Si	-573.7	-30.1	0.0	576.0

----- PROGR. 81.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-418795.5	-32.4	-364.8	-8873.1	-1.4	-4020.8
11-12	-137198.5	-73449.8	-145676.3	-2314.9	1300.8	-1482.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-635.7	0.0	0.4	635.7
11-12	si	13	Tz	56.8	183.1	0.0	322.1
11-12	si	12	Ty	-43.6	0.0	182.6	319.2
6-1	si	14	Si	-635.7	-30.1	0.0	637.8

----- PROGR. 92.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-465250.4	-16.0	-364.8	-8859.2	-1.4	-4020.8
11-12	-154321.1	-88462.8	-145676.3	-2304.2	1300.8	-1482.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-697.7	0.0	0.4	697.7
11-12	si	13	Tz	57.9	183.1	0.0	322.3
11-12	si	12	Ty	-35.6	0.0	182.6	318.2
6-1	si	14	Si	-697.7	-30.1	0.0	699.6

## VERIFICA STABILITA` :

L0 = 92.  
 Z Lc = 92. | Ro = 8.91 | lm = 10.4 | Ncr = 22668400.9 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 92. | Ro = 5.86 | lm = 15.8 | Ncr = 9816852.4 | alfa(a) = 0.2100 | ki = 0.9986  
 Caso12-15 - Nodo 4 - Asse Y  
 Ned = -3434.6 | Mzeq = -284942.9 | Myeq = -54423.4 | Ss = -511.4 ( 0.151)

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 43- 106) 202  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	785015.9	160895.4	-105403.4	-4049.5	803.9	-4309.2
11-12	250432.3	206758.9	-145676.3	-3004.6	1015.7	-1493.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-1382.8	0.0	105.0	1394.7
11-12	si	13	Tz	-59.1	177.2	0.0	312.6
11-12	si	12	Ty	-116.6	0.0	177.5	328.9

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	736537.4	151852.1	-105403.4	-4039.1	803.9	-4309.2
11-12	233632.5	195335.3	-145676.3	-2994.2	1015.7	-1493.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-1301.1	0.0	105.0	1313.8
11-12	si	13	Tz	-53.2	177.2	0.0	311.6
11-12	si	12	Ty	-114.9	0.0	177.5	328.3

----- PROGR. 22.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	688059.0	142808.9	-105403.4	-4028.7	803.9	-4309.2
11-12	216832.7	183912.1	-145676.3	-2983.8	1015.7	-1493.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-1219.4	0.0	105.0	1232.9
11-12	si	13	Tz	-47.3	177.2	0.0	310.6
11-12	si	12	Ty	-113.3	0.0	177.5	327.7

----- PROGR. 34.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	639580.6	133765.9	-105403.4	-4018.3	803.9	-4309.2
11-12	200032.9	172489.4	-145676.3	-2973.4	1015.7	-1493.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-1137.7	0.0	105.0	1152.1
11-12	si	13	Tz	-41.4	177.2	0.0	309.8
11-12	si	12	Ty	-111.6	0.0	177.5	327.1

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-15	591102.1	124723.0	-105403.4	-4007.9	803.9	-4309.2
11-12	183233.0	161067.3	-145676.3	-2963.0	1015.7	-1493.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-1056.0	0.0	105.0
11-12	si	13	Tz		-35.4	177.2	0.0
11-12	si	12	Ty		-109.9	0.0	177.5

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	542623.6	115680.4	-105403.4	-3997.5	803.9	-4309.2
11-12	166433.1	149646.0	-145676.3	-2952.6	1015.7	-1493.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-974.3	0.0	105.0
11-12	si	13	Tz		-29.5	177.2	0.0
11-12	si	12	Ty		-108.3	0.0	177.5

PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	494145.1	106638.0	-105403.4	-3987.1	803.9	-4309.2
11-12	149633.0	138225.6	-145676.3	-2942.2	1015.7	-1493.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-892.6	0.0	105.0
11-12	si	13	Tz		-23.6	177.2	0.0
11-12	si	12	Ty		-106.6	0.0	177.5

PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	445666.6	97596.1	-105403.4	-3976.7	803.9	-4309.2
11-12	132832.9	126806.4	-145676.3	-2931.8	1015.7	-1493.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-810.9	0.0	105.0
11-12	si	13	Tz		-17.7	177.2	0.0
11-12	si	12	Ty		-105.0	0.0	177.5

PROGR. 90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	397188.1	88554.6	-105403.4	-3966.3	803.9	-4309.2
11-12	116032.6	115388.8	-145676.3	-2921.4	1015.7	-1493.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-729.2	0.0	105.0
11-12	si	13	Tz		-11.8	177.2	0.0
11-12	si	12	Ty		-103.3	0.0	177.5

VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 8.91 | lm = 10.1 | Ncr = 23908502.5 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 90. | Ro = 5.86 | lm = 15.4 | Ncr = 10353894.8 | alfa(a) = 0.2100 | ki = 0.9998 |  
 Caso 12-15 - Nodo 2 - Asse Y  
 Ned = -4049.5 | Mzeq = 768432.7 | Myeq = 160895.4 | Ss = -1360.9 ( 0.403 )

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 106- 107 ) 203  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	397188.1	88554.6	-105403.4	-3742.0	725.0	-4262.0
11-12	116032.6	115388.8	-145676.3	-2697.1	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-727.3	0.0	105.0
11-12	si	13	Tz		-9.9	175.3	0.0
11-12	si	12	Ty		-101.4	0.0	175.8

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	349240.3	80399.3	-105403.4	-3731.6	725.0	-4262.0
11-12	99359.6	104961.1	-145676.3	-2686.7	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-647.9	0.0	105.0
11-12	si	13	Tz		-2.7	175.3	0.0
11-12	si	12	Ty		-101.5	0.0	175.8

PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	301292.6	72244.4	-105403.4	-3721.2	725.0	-4262.0
11-12	82686.5	94534.3	-145676.3	-2676.3	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-568.6	0.0	105.0
11-12	si	13	Tz		4.5	175.3	0.0
11-12	si	12	Ty		-101.5	0.0	175.8

PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	253344.8	64089.8	-105403.4	-3710.8	725.0	-4262.0
11-12	66013.3	84108.7	-145676.3	-2665.9	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-489.2	0.0	105.0
11-12	si	13	Tz		11.7	175.3	0.0
11-12	si	12	Ty		-101.5	0.0	175.8

PROGR. 45.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
12-15	205397.0	55935.8	-105403.4	-3700.4	725.0	-4262.0
11-12	49340.0	73685.0	-145676.3	-2655.5	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-409.9	0.0	105.0	448.4
11-12	si	13	Tz	18.9	175.3	0.0	304.3
11-12	si	12	Ty	-101.6	0.0	175.8	321.0

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	157449.1	47782.6	-105403.4	-3690.0	725.0	-4262.0
11-12	32666.3	63264.0	-145676.3	-2645.1	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-330.5	0.0	105.0	377.3
11-12	si	13	Tz	26.1	175.3	0.0	304.8
11-12	si	12	Ty	-101.6	0.0	175.8	321.1
12-15	si	10	Si	-303.6	0.0	132.0	380.0

----- PROGR. 68.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	109501.0	39630.7	-105403.4	-3679.6	725.0	-4262.0
11-12	15991.9	52847.2	-145676.3	-2634.7	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-251.2	0.0	105.0	310.2
11-12	si	13	Tz	33.3	175.3	0.0	305.5
11-12	si	12	Ty	-101.7	0.0	175.8	321.1
12-15	si	10	Si	-232.4	0.0	132.0	326.0

----- PROGR. 79.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2	-82229.5	-31652.9	105235.6	-1155.9	-731.1	2247.9
11-12	-683.9	42437.8	-145676.3	-2624.3	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2	si	4	Sx	-178.5	0.0	104.9	254.7
11-12	si	13	Tz	40.5	175.3	0.0	306.4
11-12	si	12	TySi	-101.7	0.0	175.8	321.1

----- PROGR. 90.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-93611.3	-147.5	-364.8	-9298.8	-11.2	-3951.5
11-12	-17365.3	32042.9	-145676.3	-2613.9	927.3	-1482.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-204.5	0.0	0.4	204.5
11-12	si	13	Tz	47.8	175.3	0.0	307.4
11-12	si	12	TySi	-101.8	0.0	175.8	321.1

## VERIFICA STABILITA` :

L0 = 90. |  
 Z | Lc = 90. | Ro = 8.91 | lm = 10.1 | Ncr = 23908502.5 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 90. | Ro = 5.86 | lm = 15.4 | Ncr = 10353894.8 | alfa(a) = 0.2100 | ki = 0.9998 |  
 Caso12-15 - Nodo 2 - Asse Y  
 Ned = -3742.0 | Mzeq = 297891.0 | Myeq = 72720.0 | Ss = -565.2 ( 0.167 )

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 150- 144 ) 306  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 2	113698.6	49167.3	-5180.9	1171.1	32.4	-3347.0
6- 1	87936.9	904.3	-14016.2	-3720.9	14.0	-9133.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 2	si	4	Sx	253.2	0.0	5.2	253.3
6- 1	si	13	Tz	-147.9	81.7	0.0	204.7
6- 1	si	5	Ty	-29.9	0.0	157.8	275.0
6- 1	si	6	Si	-33.3	0.0	157.8	275.4

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-100893.0	-48425.5	-1987.1	-3037.8	-25.2	-931.8
6- 1	-89249.2	633.9	-14016.2	-3720.3	14.0	-9156.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	4	Sx	-250.5	0.0	2.0	250.6
6- 1	si	13	Tz	88.7	81.9	0.0	167.3
6- 1	si	5	Ty	-30.4	0.0	158.2	275.7
6- 1	si	6	Si	-32.8	0.0	158.2	275.9

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-266886.2	363.6	-14016.2	-3719.7	14.0	-9180.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-389.3	0.0	14.0	390.1
6- 1	si	13	Tz	326.0	82.1	0.0	355.6
6- 1	si	5	Ty	-30.9	0.0	158.5	276.3
6- 1	si	16	Si	-389.2	82.1	0.0	414.3

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-444974.3	93.2	-14016.2	-3719.1	14.0	-9203.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-627.0	0.0	14.0	627.5

6-1	si	13	Tz	563.8	82.3	0.0	581.6
6-1	si	5	Ty	-31.4	0.0	158.9	277.0
6-1	si	16	Si	-627.0	82.3	0.0	643.0

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-623513.3	-177.2	-14016.2	-3718.5	14.0	-9226.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-866.0	0.0	14.0	866.4
6-1	si	13	Tz	802.3	82.4	0.0	814.9
6-1	si	5	Ty	-31.9	0.0	159.3	277.7
6-1	si	14	Si	-866.0	-81.8	0.0	877.5

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-802503.3	-447.5	-14016.2	-3717.9	14.0	-9249.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1106.0	0.0	14.0	1106.3
6-1	si	13	Tz	1041.4	82.6	0.0	1051.1
6-1	si	5	Ty	-32.4	0.0	159.6	278.4
6-1	si	14	Si	-1105.8	-82.0	0.0	1114.9

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-981944.2	-717.9	-14016.2	-3717.3	14.0	-9273.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1346.5	0.0	14.0	1346.8
6-1	si	13	Tz	1281.0	82.8	0.0	1289.0
6-1	si	5	Ty	-32.9	0.0	160.0	279.1
6-1	si	14	Si	-1346.3	-82.2	0.0	1353.8

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1161836.2	-988.3	-14016.2	-3716.7	14.0	-9296.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1587.7	0.0	14.0	1587.9
6-1	si	13	Tz	1521.3	82.9	0.0	1528.1
6-1	si	5	Ty	-33.4	0.0	160.4	279.8
6-1	si	14	Si	-1587.3	-82.4	0.0	1593.7

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1342179.1	-1258.6	-14016.2	-3716.1	14.0	-9319.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1829.5	0.0	14.0	1829.6
6-1	si	13	Tz	1762.2	83.1	0.0	1768.0
6-1	si	5	Ty	-33.9	0.0	160.7	280.5
6-1	si	14	Si	-1829.0	-82.5	0.0	1834.5

## VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 8.91 |lm = 17.4 |Ncr= 8060723.0 |alfa(a )=0.2100 |ki=0.9939 |  
 Y |Lc = 155. |Ro = 5.86 |lm = 26.4 |Ncr= 3490803.2 |alfa(a )=0.2100 |ki=0.9665 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -3720.9 |Mzeq = -1006634.3 |Myeq = -944.0 |Ss = -1381.7 ( 0.409)

CASSONE\_S004 ( 4) stato limite ultimo - ASTA ( 144- 134) 307  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1299755.5	-873.9	945.4	-4567.6	0.7	12774.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1779.2	0.0	0.9	1779.2
6-1	si	14	Tz Si	-1778.9	95.3	0.0	1786.5
6-1	si	5	Ty	-40.4	0.0	-202.1	352.4

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1052468.8	-887.2	945.4	-4567.0	0.7	12751.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1448.4	0.0	0.9	1448.4
6-1	si	14	Tz Si	-1448.1	95.2	0.0	1457.4
6-1	si	5	Ty	-40.4	0.0	-201.8	351.8

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-805633.0	-900.4	945.4	-4566.4	0.7	12728.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1118.2	0.0	0.9	1118.2
6-1	si	14	Tz Si	-1117.9	95.0	0.0	1129.9
6-1	si	5	Ty	-40.4	0.0	-201.4	351.2

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-559248.2	-913.7	945.4	-4565.8	0.7	12705.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-788.6	0.0	0.9	788.6
6-1	si	14	Tz Si	-788.3	94.8	0.0	805.2
6-1	si	5	Ty	-40.5	0.0	-201.0	350.5

----- PROGR. 78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-313314.4	-927.0	945.4	-4565.2	0.7	12681.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-459.6	0.0	0.9	459.6
6-1	si	14	Tz	-459.3	94.6	0.0	487.7
6-1	si	5	Ty	-40.5	0.0	-200.7	349.9

----- PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-2	-83834.6	76473.1	-2629.0	1187.8	-348.8	3205.6	
6-1	-67831.6	-940.2	945.4	-4564.6	0.7	12658.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-2	si	1	Sx	264.0	0.0	2.6	264.0
6-1	si	14	Tz	-130.9	94.5	0.0	209.5
6-1	si	5	TySi	-40.5	0.0	-200.3	349.3

----- PROGR. 116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	111181.8	-83216.0	3162.3	-3472.0	349.2	2875.6	
6-1	177200.3	-953.5	945.4	-4564.0	0.7	12635.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	1	Sx	-332.5	0.0	3.2	332.5
6-1	si	14	Tz	196.9	94.3	0.0	255.8
6-1	si	5	TySi	-40.5	0.0	-199.9	348.7

----- PROGR. 136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	421781.2	-966.7	945.4	-4563.4	0.7	12611.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-604.8	0.0	0.9	604.8
6-1	si	14	Tz	524.1	94.1	0.0	548.9
6-1	si	5	Ty	-40.5	0.0	-199.6	348.0
6-1	si	13	Si	-604.4	-94.1	0.0	626.0

----- PROGR. 155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	665911.1	-980.0	945.4	-4562.8	0.7	12588.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-931.4	0.0	0.9	931.4
6-1	si	14	Tz	850.7	94.0	0.0	866.1
6-1	si	5	Ty	-40.6	0.0	-199.2	347.4
6-1	si	13	Si	-931.0	-93.9	0.0	945.1

----- VERIFICA STABILITA` :

L0 = 155. |  
 Z |Lc = 155. |Ro = 8.91|lm = 17.4|Ncr= 8060722.9|alfa(a)=0.2100|ki=0.9939|  
 Y |Lc = 155. |Ro = 5.86|lm = 26.4|Ncr= 3490803.2|alfa(a)=0.2100|ki=0.9665|  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -4567.6 |Mzeq = -974816.6 |Myeq = -980.0 |Ss = -1346.8 ( 0.398)

CASSONE\_S004 ( 4) stato limite ultimo - ASTA ( 134- 133) 308  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	619283.0	-712.3	11354.9	-4315.4	-1.1	3838.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-866.4	0.0	11.3	866.7
6-1	si	13	Tz	-866.2	-39.7	0.0	868.9
6-1	si	5	Ty	-38.0	0.0	-71.8	130.0

----- PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	693427.9	-690.1	11354.9	-4314.8	-1.1	3815.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-965.6	0.0	11.3	965.8
6-1	si	13	Tz	-965.3	-39.5	0.0	967.7
6-1	si	5	Ty	-37.9	0.0	-71.4	129.4

----- PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	767121.7	-667.8	11354.9	-4314.2	-1.1	3791.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1064.1	0.0	11.3	1064.3
6-1	si	13	Tz	-1063.9	-39.4	0.0	1066.0
6-1	si	5	Ty	-37.9	0.0	-71.0	128.7

----- PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	840364.6	-645.6	11354.9	-4313.6	-1.1	3768.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1162.1	0.0	11.3	1162.2
6-1	si	13	Tz	-1161.8	-39.2	0.0	1163.8
6-1	si	5	Ty	-37.8	0.0	-70.7	128.1

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	913156.5	-623.3	11354.9	-4313.0	-1.1	3745.4	



TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1259.4	0.0	11.3	1259.6
6-1	si	13	Tz Si	-1259.2	-39.0	0.0	1261.0
6-1	si	6	Ty	-35.5	0.0	-70.3	126.8

PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	985497.4	-601.1	11354.9	-4312.4	-1.1		3722.1

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1356.1	0.0	11.3	1356.3
6-1	si	13	Tz Si	-1355.9	-38.8	0.0	1357.6
6-1	si	5	Ty	-37.7	0.0	-69.9	126.9

PROGR. 116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	1057387.4	-578.8	11354.9	-4311.8	-1.1		3698.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1452.3	0.0	11.3	1452.4
6-1	si	13	Tz Si	-1452.0	-38.7	0.0	1453.6
6-1	si	6	Ty	-35.5	0.0	-69.6	125.6

PROGR. 136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	1128826.4	-556.6	11354.9	-4311.2	-1.1		3675.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1547.8	0.0	11.3	1547.9
6-1	si	13	Tz Si	-1547.6	-38.5	0.0	1549.0
6-1	si	5	Ty	-37.6	0.0	-69.2	125.6

PROGR. 155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	1199814.4	-534.3	11354.9	-4310.6	-1.1		3652.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1642.7	0.0	11.3	1642.8
6-1	si	13	Tz Si	-1642.5	-38.3	0.0	1643.8
6-1	si	5	Ty	-37.6	0.0	-68.8	125.0

VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr = 8060723.1 | alfa(a) = 0.2100 | ki = 0.9939  
 Y Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr = 3490803.3 | alfa(a) = 0.2100 | ki = 0.9665  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -4315.4 | Mzeq = 1185540.1 | Myeq = -712.3 | Ss = -1626.1 ( 0.481)

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 133- 132) 309  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	1190887.5	-459.8	14252.9	-4095.4	-5.7		-4438.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1628.8	0.0	14.2	1629.0
6-1	si	14	Tz	1557.7	-47.1	0.0	1559.9
6-1	si	6	Ty	-33.9	0.0	84.1	149.6
6-1	si	13	Si	-1628.6	46.9	0.0	1630.6

PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	1104659.2	-349.4	14252.9	-4094.8	-5.7		-4462.1

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1513.2	0.0	14.2	1513.4
6-1	si	14	Tz	1442.5	-47.3	0.0	1444.9
6-1	si	6	Ty	-34.1	0.0	84.5	150.2
6-1	si	13	Si	-1513.1	47.1	0.0	1515.3

PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	1017979.8	-238.9	14252.9	-4094.2	-5.7		-4485.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1397.1	0.0	14.2	1397.3
6-1	si	14	Tz	1326.7	-47.5	0.0	1329.3
6-1	si	6	Ty	-34.3	0.0	84.8	150.9
6-1	si	13	Si	-1397.0	47.2	0.0	1399.4

PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	930849.6	-128.5	14252.9	-4093.6	-5.7		-4508.7

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1280.3	0.0	14.2	1280.5
6-1	si	14	Tz	1210.3	-47.6	0.0	1213.2
6-1	si	6	Ty	-34.5	0.0	85.2	151.6
6-1	si	13	Si	-1280.2	47.4	0.0	1282.9

PROGR. 78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	843268.3	-18.0	14252.9	-4093.0	-5.7		-4532.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1162.9	0.0	14.2	1163.2
6-1	si	14	Tz	1093.3	-47.8	0.0	1096.5

6-1	si	6	Ty	-34.7	0.0	85.6	152.2
6-1	si	13	Si	-1162.9	47.6	0.0	1165.8

----- PROGR. 97.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		755236.1	92.4	14252.9	-4092.4	-5.7	-4555.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1045.3	0.0	14.2	1045.6
6-1	si	14	Tz	975.7	-48.0	0.0	979.3
6-1	si	6	Ty	-34.9	0.0	85.9	152.9
6-1	si	15	Si	-1045.2	-48.0	0.0	1048.5

----- PROGR. 116.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		666752.9	202.9	14252.9	-4091.8	-5.7	-4578.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-927.1	0.0	14.2	927.4
6-1	si	14	Tz	857.5	-48.1	0.0	861.6
6-1	si	6	Ty	-35.1	0.0	86.3	153.6
6-1	si	15	Si	-927.0	-48.1	0.0	930.8

----- PROGR. 136.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		577818.7	313.3	14252.9	-4091.2	-5.7	-4601.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-808.3	0.0	14.2	808.7
6-1	si	14	Tz	738.7	-48.3	0.0	743.4
6-1	si	6	Ty	-35.3	0.0	86.7	154.2
6-1	si	15	Si	-808.2	-48.3	0.0	812.5

----- PROGR. 155.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		488433.6	423.8	14252.9	-4090.6	-5.7	-4625.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-688.9	0.0	14.2	689.4
6-1	si	14	Tz	619.3	-48.5	0.0	625.0
6-1	si	6	Ty	-35.5	0.0	87.0	154.9
6-1	si	15	Si	-688.8	-48.5	0.0	693.9

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr = 8060722.9 | alfa(a) = 0.2100 | ki = 0.9939 |  
 Y | Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr = 3490803.2 | alfa(a) = 0.2100 | ki = 0.9665 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -4095.4 | Mzeq = 1094685.4 | Myeq = -344.9 | Ss = -1501.8 ( 0.444 )

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 132- 120 ) 310  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		517928.8	266.5	8135.6	-3881.8	-11.0	-12617.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-726.3	0.0	8.1	726.5
6-1	si	14	Tz	660.3	-101.6	0.0	683.3
6-1	si	5	Ty	-32.5	0.0	206.8	359.7
6-1	si	15	Si	-726.2	-101.6	0.0	747.2

----- PROGR. 19.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		273237.2	480.5	8135.6	-3881.2	-11.0	-12640.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-399.4	0.0	8.1	399.6
6-1	si	14	Tz	333.3	-101.7	0.0	377.0
6-1	si	5	Ty	-32.1	0.0	207.2	360.3
6-1	si	15	Si	-399.2	-101.7	0.0	436.4

----- PROGR. 39.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
11-12		7986.2	-115442.8	3892.9	-1203.8	-632.8	-3070.6
6-1		28094.6	694.5	8135.6	-3880.6	-11.0	-12664.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-234.9	0.0	3.9	235.0
6-1	si	14	Tz	5.6	-101.9	0.0	176.6
6-1	si	5	Ty	-31.7	0.0	207.6	360.9
6-1	si	6	Si	-34.2	0.0	207.6	361.1

----- PROGR. 58.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		-217499.0	908.4	8135.6	-3880.0	-11.0	-12687.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-325.6	0.0	8.1	325.9
6-1	si	14	Tz	-322.6	-102.1	0.0	367.9
6-1	si	5	Ty	-31.3	0.0	207.9	361.5
6-1	si	16	Si	-325.2	101.6	0.0	369.8

----- PROGR. 77.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		-463543.5	1122.4	8135.6	-3879.4	-11.0	-12710.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	3	Sx	-655.2	0.0	8.1	655.3
6-1	si	14	Tz	-651.4	-102.2	0.0	675.1
6-1	si	5	Ty	-30.9	0.0	208.3	362.1
6-1	si	16	Si	-654.7	101.8	0.0	678.0

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-710039.1	1336.4	8135.6	-3878.8	-11.0	-12734.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-985.3	0.0	8.1	985.4
6-1	si	14	Tz	-980.9	-102.4	0.0	996.8
6-1	si	5	Ty	-30.5	0.0	208.7	362.7
6-1	si	16	Si	-984.8	102.0	0.0	1000.5

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-956985.6	1550.4	8135.6	-3878.2	-11.0	-12757.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1316.1	0.0	8.1	1316.1
6-1	si	14	Tz	-1310.9	-102.6	0.0	1322.9
6-1	si	5	Ty	-30.1	0.0	209.0	363.3
6-1	si	16	Si	-1315.5	102.1	0.0	1327.3

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1204383.0	1764.4	8135.6	-3877.6	-11.0	-12780.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1647.4	0.0	8.1	1647.5
6-1	si	14	Tz	-1641.6	-102.8	0.0	1651.2
6-1	si	5	Ty	-29.7	0.0	209.4	363.9
6-1	si	16	Si	-1646.7	102.3	0.0	1656.2

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1452231.5	1978.4	8135.6	-3877.0	-11.0	-12803.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1979.4	0.0	8.1	1979.4
6-1	si	14	Tz	-1972.8	-102.9	0.0	1980.9
6-1	si	5	Ty	-29.3	0.0	209.8	364.5
6-1	si	16	Si	-1978.6	102.5	0.0	1986.5

## VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 8.91|lm = 17.4|Ncr= 8060723.1|alfa(a)=0.2100|ki=0.9939|  
 Y |Lc = 155. |Ro = 5.86|lm = 26.4|Ncr= 3490803.3|alfa(a)=0.2100|ki=0.9665|  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -3881.8|Mzeq = -1089173.6|Myeq = 1483.8|Ss = -1494.7 ( 0.442)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1524711.9	1675.5	-3642.9	-4761.0	14.2	10481.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-2083.3	0.0	3.6	2083.3
6-1	si	14	Tz	-2077.7	81.4	0.0	2082.5
6-1	si	5	Ty	-37.3	0.0	-168.7	294.6
6-1	si	16	Si	-2082.6	-80.8	0.0	2087.3

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1329529.9	1411.2	-3642.9	-4760.5	14.2	10459.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1821.7	0.0	3.6	1821.7
6-1	si	14	Tz	-1817.0	81.2	0.0	1822.4
6-1	si	5	Ty	-37.8	0.0	-168.4	294.0
6-1	si	16	Si	-1821.1	-80.6	0.0	1826.5

----- PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-1134765.3	1146.9	-3642.9	-4759.9	14.2	10436.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1560.6	0.0	3.6	1560.6
6-1	si	14	Tz	-1556.8	81.0	0.0	1563.2
6-1	si	5	Ty	-38.3	0.0	-168.0	293.5
6-1	si	16	Si	-1560.2	-80.4	0.0	1566.4

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-940418.3	882.6	-3642.9	-4759.3	14.2	10414.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1300.1	0.0	3.6	1300.2
6-1	si	14	Tz	-1297.2	80.9	0.0	1304.8
6-1	si	5	Ty	-38.8	0.0	-167.6	293.0
6-1	si	16	Si	-1299.8	-80.3	0.0	1307.2

----- PROGR. 75.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-746488.6	618.2	-3642.9	-4758.7	14.2	10392.0

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1040.2	0.0	3.6	1040.2
6-1	si	14	Tz	-1038.2	80.7	0.0	1047.5
6-1	si	5	Ty	-39.3	0.0	-167.3	292.4
6-1	si	16	Si	-1040.0	-80.1	0.0	1049.2

----- PROGR. 93.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-552976.5	353.9	-3642.9	-4758.2	14.2	10369.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-780.8	0.0	3.6	780.9
6-1	si	14	Tz	-779.7	80.5	0.0	792.0
6-1	si	5	Ty	-39.7	0.0	-166.9	291.9
6-1	si	16	Si	-780.7	-79.9	0.0	792.9

----- PROGR. 112.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-359881.8	89.6	-3642.9	-4757.6	14.2	10347.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-522.0	0.0	3.6	522.1
6-1	si	14	Tz	-521.7	80.4	0.0	540.0
6-1	si	5	Ty	-40.2	0.0	-166.6	291.3

----- PROGR. 130.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-167204.6	-174.7	-3642.9	-4757.0	14.2	10324.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-264.4	0.0	3.6	264.5
6-1	si	14	Tz	-264.3	80.2	0.0	298.6
6-1	si	5	Ty	-40.7	0.0	-166.2	290.8

----- PROGR. 149.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	2550.3	-44821.7	932.3	-1164.5	315.5	2421.8
6-1	25055.1	-439.0	-3642.9	-4756.4	14.2	10302.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-96.4	0.0	0.9	96.4
6-1	si	14	Tz	-7.5	80.0	0.0	138.8
6-1	si	5	TySi	-41.2	0.0	-165.9	290.3

## VERIFICA STABILITA` :

L0 = 149.  
 Z Lc = 149. |Ro = 8.91|lm = 16.7|Ncr= 8707666.1|alfa(a)=0.2100|ki=0.9958|  
 Y Lc = 149. |Ro = 5.86|lm = 25.4|Ncr= 3770970.6|alfa(a)=0.2100|ki=0.9697|  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -4761.0|Mzeq = -1143533.9|Myeq = 1256.6|Ss = -1574.7 ( 0.466)

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 156- 15) 368  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	634765.2	2433.7	33460.6	-5282.7	21.8	-4823.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-898.6	0.0	33.3	900.4
6-1	si	13	Tz	-890.5	69.4	0.0	898.6
6-1	si	6	Ty	-49.4	0.0	109.3	195.7
6-1	si	15	Si	-897.6	-68.5	0.0	905.4

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	545830.5	2032.8	33460.6	-5283.1	21.8	-4845.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-778.8	0.0	33.3	781.0
6-1	si	13	Tz	-772.1	69.6	0.0	781.5
6-1	si	6	Ty	-48.6	0.0	109.7	196.1
6-1	si	15	Si	-778.0	-68.7	0.0	787.1

----- PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	456489.2	1631.9	33460.6	-5283.5	21.8	-4867.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-658.6	0.0	33.3	661.1
6-1	si	13	Tz	-653.2	69.8	0.0	664.3
6-1	si	6	Ty	-47.9	0.0	110.0	196.5
6-1	si	15	Si	-657.9	-68.9	0.0	668.7

----- PROGR. 55.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	366741.3	1231.0	33460.6	-5284.0	21.8	-4889.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-537.8	0.0	33.3	540.9
6-1	si	13	Tz	-533.7	69.9	0.0	547.3
6-1	si	6	Ty	-47.2	0.0	110.4	196.9
6-1	si	15	Si	-537.3	-69.0	0.0	550.4

----- PROGR. 74.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	250019.0	-56390.1	13293.5	340.7	-481.4	-771.5
6-1	276586.8	830.1	33460.6	-5284.4	21.8	-4912.0

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx Si	441.9	0.0	13.2	442.5
6-1	si	13	Tz	-413.7	70.1	0.0	431.1
6-1	si	6	Ty	-46.4	0.0	110.7	197.3

----- PROGR. 92.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	235673.7	-47683.0	13293.5	340.3	-481.4	-788.5
6-1	186025.8	429.2	33460.6	-5284.9	21.8	-4934.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx Si	406.6	0.0	13.2	407.2
6-1	si	13	Tz	-293.1	70.3	0.0	317.4
6-1	si	6	Ty	-45.7	0.0	111.1	197.7

----- PROGR. 110.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	221015.5	-39069.3	13293.5	340.0	-481.4	-805.5
6-1	95058.3	28.3	33460.6	-5285.3	21.8	-4956.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx Si	371.0	0.0	13.2	371.7
6-1	si	13	Tz	-172.0	70.4	0.0	210.9
6-1	si	6	Ty	-44.9	0.0	111.4	198.1

----- PROGR. 129.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-7	-219818.5	19176.3	5108.7	-3175.0	222.8	-1791.5
6-1	3684.1	-372.6	33460.6	-5285.7	21.8	-4978.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-7	si	3	Sx Si	-356.6	0.0	5.1	356.7
6-1	si	13	Tz	-50.4	70.6	0.0	132.2
6-1	si	6	Ty	-44.2	0.0	111.8	198.5

----- PROGR. 147.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-7	-252927.0	14140.3	5108.7	-3175.4	222.8	-1808.5
6-1	-88096.6	-773.5	33460.6	-5286.2	21.8	-5000.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-7	si	3	Sx Si	-391.5	0.0	5.1	391.6
6-1	si	13	Tz	71.8	70.7	0.0	142.0
6-1	si	6	Ty	-43.5	0.0	112.1	199.0

## VERIFICA STABILITA` :

L0 = 147.  
 Z |Lc = 147. |Ro = 8.91|lm = 16.5|Ncr= 8942281.9|alfa(a)=0.2100|ki=0.9964|  
 Y |Lc = 147. |Ro = 5.86|lm = 25.1|Ncr= 3872574.1|alfa(a)=0.2100|ki=0.9707|  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -5286.2|Mzeq = 476073.9|Myeq = 1825.3|Ss = -686.9 ( 0.203)

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 16- 189) 400  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-66014.0	-453.4	5404.8	-4445.6	4.7	3917.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-126.9	0.0	5.4	127.2
6-1	si	14	Tz Si	-126.7	34.4	0.0	140.1
6-1	si	5	Ty	-38.6	0.0	-67.1	122.4

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-11	-4119.8	44022.9	3924.4	-1410.0	192.1	992.2
6-1	9664.3	-544.8	5404.8	-4446.1	4.7	3894.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	3	Sx	-99.1	0.0	3.9	99.3
6-1	si	14	Tz	-25.6	34.3	0.0	64.6
6-1	si	5	TySi	-38.8	0.0	-66.7	121.9

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	84891.5	-636.2	5404.8	-4446.5	4.7	3871.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-152.5	0.0	5.4	152.8
6-1	si	14	Tz	74.9	34.1	0.0	95.4
6-1	si	6	Ty	-36.6	0.0	-66.4	120.6
6-1	si	13	Si	-152.3	-33.9	0.0	163.2

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	159667.8	-727.6	5404.8	-4447.0	4.7	3847.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-252.7	0.0	5.4	252.9
6-1	si	14	Tz	174.8	33.9	0.0	184.4
6-1	si	6	Ty	-36.4	0.0	-66.0	120.0
6-1	si	13	Si	-252.4	-33.7	0.0	259.1

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	233992.9	-819.0	5404.8	-4447.5	4.7	3824.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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6-1	si	1	Sx	-352.3	0.0	5.4	352.4
6-1	si	14	Tz	274.1	33.7	0.0	280.2
6-1	si	6	Ty	-36.2	0.0	-65.6	119.3
6-1	si	13	Si	-352.0	-33.5	0.0	356.8

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	307867.1	-910.4	5404.8	-4447.9	4.7	3801.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-451.3	0.0	5.4	451.4
6-1	si	14	Tz	372.8	33.6	0.0	377.3
6-1	si	6	Ty	-36.1	0.0	-65.3	118.6
6-1	si	13	Si	-451.0	-33.4	0.0	454.7

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	381290.2	-1001.9	5404.8	-4448.4	4.7	3777.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-549.7	0.0	5.4	549.8
6-1	si	14	Tz	470.9	33.4	0.0	474.4
6-1	si	6	Ty	-35.9	0.0	-64.9	118.0
6-1	si	13	Si	-549.3	-33.2	0.0	552.3

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	454262.2	-1093.3	5404.8	-4448.8	4.7	3754.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-647.5	0.0	5.4	647.6
6-1	si	14	Tz	568.3	33.2	0.0	571.2
6-1	si	6	Ty	-35.8	0.0	-64.5	117.3
6-1	si	13	Si	-647.1	-33.0	0.0	649.6

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	526783.3	-1184.7	5404.8	-4449.3	4.7	3731.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-744.7	0.0	5.4	744.8
6-1	si	14	Tz	665.2	33.1	0.0	667.7
6-1	si	5	Ty	-40.0	0.0	-64.2	118.1
6-1	si	13	Si	-744.2	-32.9	0.0	746.4

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 8.91|lm = 17.4|Ncr= 8060723.0|alfa(a)=0.2100|ki=0.9939|  
 Y |Lc = 155. |Ro = 5.86|lm = 26.4|Ncr= 3490803.3|alfa(a)=0.2100|ki=0.9665|  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -4449.3|Mzeq = 395087.5|Myeq = -1064.7|Ss = -569.9 ( 0.169)

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 189- 188) 401  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	538685.1	-1333.1	12823.9	-4607.0	3.1	-2425.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-762.2	0.0	12.8	762.6
6-1	si	13	Tz	-761.7	30.8	0.0	763.6
6-1	si	6	Ty	-36.7	0.0	51.0	95.6

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	491469.3	-1392.6	12823.9	-4607.4	3.1	-2448.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-699.2	0.0	12.8	699.5
6-1	si	13	Tz	-698.6	30.9	0.0	700.7
6-1	si	6	Ty	-36.5	0.0	51.3	96.1

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	443802.5	-1452.1	12823.9	-4607.9	3.1	-2471.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-635.5	0.0	12.8	635.9
6-1	si	13	Tz	-635.0	31.1	0.0	637.2
6-1	si	6	Ty	-36.4	0.0	51.7	96.7

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	395684.7	-1511.6	12823.9	-4608.4	3.1	-2495.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-571.3	0.0	12.8	571.7
6-1	si	13	Tz	-570.7	31.3	0.0	573.3
6-1	si	6	Ty	-36.3	0.0	52.1	97.2

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	347115.9	-1571.1	12823.9	-4608.8	3.1	-2518.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-506.4	0.0	12.8	506.9
6-1	si	13	Tz	-505.8	31.4	0.0	508.7
6-1	si	6	Ty	-36.2	0.0	52.4	97.8

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

----- SOLLECITAZIONI : PROGR. 97.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	298096.0	-1630.6	12823.9	-4609.3	3.1	-2541.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-441.0	0.0	12.8	441.5
6-1	si	13	Tz	-440.3	31.6	0.0	443.7
6-1	si	6	Ty	-36.1	0.0	52.8	98.3

----- SOLLECITAZIONI : PROGR. 116.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	248625.1	-1690.1	12823.9	-4609.8	3.1	-2565.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-374.9	0.0	12.8	375.5
6-1	si	13	Tz	-374.2	31.8	0.0	378.3
6-1	si	6	Ty	-36.0	0.0	53.2	98.9

----- SOLLECITAZIONI : PROGR. 136.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	198703.1	-1749.6	12823.9	-4610.2	3.1	-2588.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-308.2	0.0	12.8	309.0
6-1	si	13	Tz	-307.5	32.0	0.0	312.5
6-1	si	6	Ty	-35.9	0.0	53.5	99.4

----- SOLLECITAZIONI : PROGR. 155.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	148330.1	-1809.1	12823.9	-4610.7	3.1	-2611.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-240.9	0.0	12.8	242.0
6-1	si	13	Tz	-240.2	32.1	0.0	246.6
6-1	si	6	Ty	-35.8	0.0	53.9	100.0

----- VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr = 8060723.0 | alfa(a) = 0.2100 | ki = 0.9939  
 Y Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr = 3490803.2 | alfa(a) = 0.2100 | ki = 0.9665  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -4610.7 | Mzeq = 449687.0 | Myeq = -1809.1 | Ss = -645.8 ( 0.191)

CASSONE\_s004 ( 4 ) stato limite ultimo - ASTA ( 188- 179) 402  
----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	201303.0	-1696.1	7176.0	-4793.0	0.6	-9187.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-313.1	0.0	7.2	313.4
6-1	si	13	Tz	-312.5	75.0	0.0	338.4
6-1	si	6	Ty	-37.6	0.0	151.8	265.7

----- SOLLECITAZIONI : PROGR. 19.

Caso	MZ	MY	MT	N	TZ	TY	
11-9	14059.0	46994.0	2923.6	-1084.3	-142.6	-2247.0	
6-1	23072.1	-1708.2	7176.0	-4793.5	0.6	-9210.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-9	si	2	Sx	-115.1	0.0	2.9	115.2
6-1	si	13	Tz	-74.1	75.2	0.0	149.9
6-1	si	6	Ty	-37.5	0.0	152.2	266.3
6-1	si	5	Si	-43.9	0.0	152.2	267.3

----- SOLLECITAZIONI : PROGR. 39.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-155609.9	-1720.2	7176.0	-4794.0	0.6	-9233.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-252.1	0.0	7.2	252.4
6-1	si	13	Tz	165.0	75.4	0.0	210.4
6-1	si	6	Ty	-37.5	0.0	152.6	266.9
6-1	si	14	Si	-251.4	-75.4	0.0	283.3

----- SOLLECITAZIONI : PROGR. 58.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-334742.9	-1732.3	7176.0	-4794.4	0.6	-9257.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-491.7	0.0	7.2	491.9
6-1	si	13	Tz	404.6	75.6	0.0	425.2
6-1	si	6	Ty	-37.5	0.0	152.9	267.5
6-1	si	14	Si	-491.1	-75.5	0.0	508.2

----- SOLLECITAZIONI : PROGR. 77.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-514327.0	-1744.4	7176.0	-4794.9	0.6	-9280.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-732.0	0.0	7.2	732.1
6-1	si	13	Tz	644.8	75.7	0.0	658.0
6-1	si	6	Ty	-37.5	0.0	153.3	268.2
6-1	si	14	Si	-731.3	-75.7	0.0	743.0

----- SOLLECITAZIONI : PROGR. 97.

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1			-694362.1		-1756.5	7176.0	-4795.4	0.6	-9303.8
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-972.9	0.0	7.2	973.0		
6-1	si	13	Tz	885.6	75.9	0.0	895.3		
6-1	si	6	Ty	-37.5	0.0	153.7	268.8		
6-1	si	14	Si	-972.2	-75.9	0.0	981.0		

PROGR. 116.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-874848.2	-1768.6	7176.0	-4795.8	0.6	-9327.1	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1214.4	0.0	7.2	1214.4		
6-1	si	13	Tz	1127.1	76.1	0.0	1134.7		
6-1	si	6	Ty	-37.4	0.0	154.0	269.4		
6-1	si	14	Si	-1213.7	-76.0	0.0	1220.8		

PROGR. 136.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-1055785.3	-1780.7	7176.0	-4796.3	0.6	-9350.3	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1456.5	0.0	7.2	1456.5		
6-1	si	13	Tz	1369.1	76.2	0.0	1375.5		
6-1	si	6	Ty	-37.4	0.0	154.4	270.1		
6-1	si	14	Si	-1455.8	-76.2	0.0	1461.7		

PROGR. 155.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-1237173.5	-1792.7	7176.0	-4796.7	0.6	-9373.6	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1699.1	0.0	7.2	1699.2		
6-1	si	13	Tz	1611.7	76.4	0.0	1617.2		
6-1	si	6	Ty	-37.4	0.0	154.8	270.7		
6-1	si	14	Si	-1698.4	-76.4	0.0	1703.6		

## VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 8.91 |lm = 17.4 |Ncr= 8060723.0 |alfa(a )=0.2100 |ki=0.9939 |  
 Y |Lc = 155. |Ro = 5.86 |lm = 26.4 |Ncr= 3490803.3 |alfa(a )=0.2100 |ki=0.9665 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -4796.7 |Mzeq = -927880.1 |Myeq = -1792.7 |Ss = -1287.5 ( 0.381)

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 ----- PROGR. 0.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-1330618.4	-1312.6	-16828.3	-4696.8	-0.2	8323.3	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1822.4	0.0	16.8	1822.7		
6-1	si	13	Tz	1738.3	-78.3	0.0	1743.6		
6-1	si	6	Ty	-37.5	0.0	-147.9	258.8		
6-1	si	14	Si	-1821.9	78.3	0.0	1826.9		

PROGR. 19.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-1169579.1	-1309.3	-16828.3	-4697.3	-0.2	8300.1	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1607.0	0.0	16.8	1607.2		
6-1	si	13	Tz	1522.9	-78.1	0.0	1528.9		
6-1	si	6	Ty	-37.5	0.0	-147.5	258.2		
6-1	si	14	Si	-1606.5	78.1	0.0	1612.1		

PROGR. 39.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-1008990.7	-1306.0	-16828.3	-4697.8	-0.2	8276.8	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1392.1	0.0	16.8	1392.4		
6-1	si	13	Tz	1308.0	-77.9	0.0	1315.0		
6-1	si	6	Ty	-37.5	0.0	-147.1	257.6		
6-1	si	14	Si	-1391.6	77.9	0.0	1398.2		

PROGR. 58.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-848853.4	-1302.7	-16828.3	-4698.2	-0.2	8253.5	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1177.9	0.0	16.8	1178.3		
6-1	si	13	Tz	1093.8	-77.8	0.0	1102.1		
6-1	si	6	Ty	-37.5	0.0	-146.8	256.9		
6-1	si	14	Si	-1177.4	77.7	0.0	1185.1		

PROGR. 78.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-689167.2	-1299.5	-16828.3	-4698.7	-0.2	8230.2	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-964.3	0.0	16.8	964.7		
6-1	si	13	Tz	880.2	-77.6	0.0	890.4		
6-1	si	6	Ty	-37.5	0.0	-146.4	256.3		
6-1	si	14	Si	-963.8	77.6	0.0	973.1		

PROGR. 97.

SOLLECITAZIONI :



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Caso	MZ	MY	MT	N	TZ	TY	
6-1	-529931.9	-1296.2	-16828.3	-4699.2	-0.2	8207.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-751.3	0.0	16.8	751.8
6-1	si	13	Tz	667.1	-77.4	0.0	680.5
6-1	si	6	Ty	-37.5	0.0	-146.0	255.7
6-1	si	14	Si	-750.7	77.4	0.0	762.6

PROGR. 116.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-371147.7	-1292.9	-16828.3	-4699.6	-0.2	8183.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-538.8	0.0	16.8	539.6
6-1	si	13	Tz	454.7	-77.2	0.0	474.0
6-1	si	6	Ty	-37.5	0.0	-145.7	255.1
6-1	si	14	Si	-538.3	77.2	0.0	554.7

PROGR. 136.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-212814.6	-1289.6	-16828.3	-4700.1	-0.2	8160.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-327.0	0.0	16.8	328.3
6-1	si	13	Tz	242.9	-77.1	0.0	277.2
6-1	si	6	Ty	-37.5	0.0	-145.3	254.4
6-1	si	14	Si	-326.5	77.1	0.0	352.7

PROGR. 155.

Caso	MZ	MY	MT	N	TZ	TY	
11-4	-36861.2	33622.5	-5745.3	-1365.6	-152.2	1849.6	
6-1	-54932.4	-1286.3	-16828.3	-4700.6	-0.2	8137.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-4	si	3	Sx	-123.2	0.0	5.7	123.6
6-1	si	13	Tz	31.7	-76.9	0.0	136.9
6-1	si	6	Ty	-37.5	0.0	-144.9	253.8
6-1	si	5	Si	-42.3	0.0	-144.9	254.6

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr = 8060723.0 | alfa(a) = 0.2100 | ki = 0.9939 |  
 Y | Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr = 3490803.2 | alfa(a) = 0.2100 | ki = 0.9665 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -4700.6 | Mzeq = -997963.8 | Myeq = -1312.6 | Ss = -1379.6 ( 0.408)

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 PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-285675.7	-454.5	-58411.2	-4829.3	-0.3	4053.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-424.0	0.0	58.2	435.9
6-1	si	13	Tz	340.5	-88.2	0.0	373.2
6-1	si	6	Ty	-40.2	0.0	-122.1	215.2
6-1	si	14	Si	-423.8	88.2	0.0	450.5

PROGR. 19.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-207359.1	-448.2	-58411.2	-4829.8	-0.3	4030.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-319.2	0.0	58.2	334.8
6-1	si	13	Tz	235.7	-88.0	0.0	280.7
6-1	si	6	Ty	-40.2	0.0	-121.7	214.6
6-1	si	14	Si	-319.1	88.0	0.0	353.6

PROGR. 39.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-129493.5	-441.9	-58411.2	-4830.2	-0.3	4007.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-215.1	0.0	58.2	237.5
6-1	si	13	Tz	131.6	-87.8	0.0	201.1
6-1	si	6	Ty	-40.2	0.0	-121.3	213.9
6-1	si	14	Si	-214.9	87.8	0.0	263.3

PROGR. 58.

Caso	MZ	MY	MT	N	TZ	TY	
11-4	-36410.5	35215.4	-17750.8	-1333.9	-153.4	1010.2	
6-1	-52079.0	-435.6	-58411.2	-4830.7	-0.3	3983.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-4	si	3	Sx	-125.3	0.0	17.7	129.0
6-1	si	13	Tz	28.0	-87.7	0.0	154.4
6-1	si	6	Ty	-40.2	0.0	-121.0	213.3
6-1	si	5	Si	-41.8	0.0	-121.0	213.6

PROGR. 77.

Caso	MZ	MY	MT	N	TZ	TY	
11-13	24383.3	-36594.5	-12717.3	-1081.4	153.3	956.7	
6-1	24884.5	-429.3	-58411.2	-4831.2	-0.3	3960.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-109.6	0.0	12.7	111.8
6-1	si	13	Tz	-74.9	-87.5	0.0	169.0

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6-1	si	6	Ty	-40.2	0.0	-120.6	212.7
6-1	si	5	Si	-41.8	0.0	-120.6	213.0

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	101397.0	-423.0	-58411.2	-4831.6	-0.3	3937.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-177.5	0.0	58.2	204.1
6-1	si	13	Tz	-177.3	-87.3	0.0	233.0
6-1	si	6	Ty	-40.2	0.0	-120.2	212.1

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	177458.4	-416.8	-58411.2	-4832.1	-0.3	3914.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-279.2	0.0	58.2	296.9
6-1	si	13	Tz	-279.0	-87.1	0.0	317.2
6-1	si	6	Ty	-40.3	0.0	-119.9	211.5

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	253068.8	-410.5	-58411.2	-4832.6	-0.3	3890.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-380.4	0.0	58.2	393.5
6-1	si	13	Tz	-380.2	-87.0	0.0	408.9
6-1	si	6	Ty	-40.3	0.0	-119.5	210.8

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	328228.2	-404.2	-58411.2	-4833.0	-0.3	3867.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-480.9	0.0	58.2	491.4
6-1	si	13	Tz	-480.7	-86.8	0.0	503.7
6-1	si	6	Ty	-40.3	0.0	-119.1	210.2

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr = 8060723.0 | alfa(a) = 0.2100 | ki = 0.9939 |  
 Y Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr = 3490803.3 | alfa(a) = 0.2100 | ki = 0.9665 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -4833.0 | Mzeq = 246171.2 | Myeq = -454.5 | Ss = -372.8 ( 0.110)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	241662.9	-758.9	-40679.1	-4897.9	-6.0	2351.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-366.3	0.0	40.5	373.0
6-1	si	13	Tz	-366.0	-58.0	0.0	379.5
6-1	si	6	Ty	-40.2	0.0	-77.6	140.2

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	286991.4	-642.1	-40679.1	-4898.4	-6.0	2327.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-426.7	0.0	40.5	432.5
6-1	si	13	Tz	-426.5	-57.9	0.0	438.1
6-1	si	6	Ty	-40.4	0.0	-77.2	139.7

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	331868.8	-525.2	-40679.1	-4898.8	-6.0	2304.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-486.5	0.0	40.5	491.6
6-1	si	13	Tz	-486.3	-57.7	0.0	496.5
6-1	si	6	Ty	-40.6	0.0	-76.8	139.1

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	376295.2	-408.4	-40679.1	-4899.3	-6.0	2281.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-545.8	0.0	40.5	550.3
6-1	si	13	Tz	-545.6	-57.5	0.0	554.6
6-1	si	6	Ty	-40.8	0.0	-76.5	138.6

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	420270.5	-291.6	-40679.1	-4899.8	-6.0	2258.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-604.4	0.0	40.5	608.5
6-1	si	13	Tz	-604.3	-57.3	0.0	612.4
6-1	si	6	Ty	-41.1	0.0	-76.1	138.1

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	463794.8	-174.7	-40679.1	-4900.2	-6.0	2234.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

6-1	si	1	Sx	-662.4	0.0	40.5	666.1
6-1	si	13	Tz	-662.3	-57.2	0.0	669.7
6-1	si	6	Ty	-41.3	0.0	-75.7	137.5

PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	506868.1	-57.9	-40679.1	-4900.7	-6.0	2211.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-719.8	0.0	40.5	723.2
6-1	si	13	Tz	-719.8	-57.0	0.0	726.5
6-1	si	6	Ty	-41.5	0.0	-75.4	137.0

PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	549490.3	58.9	-40679.1	-4901.2	-6.0	2188.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-776.8	0.0	40.5	780.0
6-1	si	13	Tz	-776.6	-56.8	0.0	782.9
6-1	si	6	Ty	-41.7	0.0	-75.0	136.4
6-1	si	15	Si	-776.8	56.6	0.0	783.0

PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	591661.6	175.8	-40679.1	-4901.6	-6.0	2164.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-833.5	0.0	40.5	836.4
6-1	si	13	Tz	-832.9	-56.7	0.0	838.7
6-1	si	6	Ty	-41.9	0.0	-74.6	135.9
6-1	si	15	Si	-833.4	56.4	0.0	839.1

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr = 8060722.9 | alfa(a) = 0.2100 | ki = 0.9939 |  
 Y Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr = 3490803.2 | alfa(a) = 0.2100 | ki = 0.9665 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -4901.6 | Mzeq = 544788.1 | Myeq = -569.2 | Ss = -773.4 ( 0.229 )

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 168- 161 ) 406  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	655715.0	-645.8	395.1	-4984.5	-12.9	648.5
12-12	167052.3	-52425.5	5637.8	-70.9	136.1	613.1
12-10	168053.7	-19219.4	5145.3	93.6	62.1	651.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-920.7	0.0	0.4	920.7
12-12	si	14	Tz	146.4	13.0	0.0	148.2
12-10	si	6	Ty	36.4	0.0	-15.4	45.1

PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	668054.3	-395.6	395.1	-4984.9	-12.9	625.2
12-12	178798.8	-54441.3	5637.8	-71.2	136.1	595.1
12-10	180462.4	-21037.1	5145.3	93.3	62.1	633.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-936.8	0.0	0.4	936.8
12-12	si	14	Tz	159.2	12.8	0.0	160.8
12-10	si	6	Ty	39.8	0.0	-15.1	47.6

PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	679942.6	-145.4	395.1	-4985.4	-12.9	601.9
12-12	190173.2	-56487.3	5637.8	-71.6	136.1	577.2
12-10	192550.5	-22825.2	5145.3	92.9	62.1	615.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-952.2	0.0	0.4	952.2
12-12	si	14	Tz	171.4	12.7	0.0	172.8
12-10	si	6	Ty	43.1	0.0	-14.8	50.2

PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	691379.8	104.9	395.1	-4985.9	-12.9	578.7
12-12	201192.7	-58562.8	5637.8	-72.0	136.1	559.3
12-10	204300.0	-24584.2	5145.3	92.6	62.1	597.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-967.5	0.0	0.4	967.5
12-12	si	14	Tz	183.2	12.6	0.0	184.4
12-10	si	6	Ty	46.4	0.0	-14.5	52.8

PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	702366.0	355.1	395.1	-4986.3	-12.9	555.4
12-12	211861.9	-60667.0	5637.8	-72.3	136.1	541.4
12-10	215706.0	-26314.9	5145.3	92.2	62.1	580.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-982.6	0.0	0.4	982.6
12-12	si	14	Tz	194.4	12.4	0.0	195.5
12-10	si	6	Ty	49.6	0.0	-14.3	55.4

PROGR. 97.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	712901.2	605.3	395.1	-4986.8	-12.9	532.1
12-12	222182.3	-62799.0	5637.8	-72.7	136.1	523.5
12-10	226766.9	-28018.3	5145.3	91.9	62.1	562.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-997.2	0.0	0.4
12-12	si	14	Tz		205.1	12.3	0.0
12-10	si	6	Ty		52.7	0.0	-14.0

PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	722985.4	855.5	395.1	-4987.3	-12.9	508.8
12-12	232154.7	-64957.6	5637.8	-73.0	136.1	505.6
12-10	237481.9	-29695.3	5145.3	91.5	62.1	544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-1011.1	0.0	0.4
12-12	si	14	Tz		215.2	12.2	0.0
12-10	si	6	Ty		55.8	0.0	-13.7

PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	732618.5	1105.7	395.1	-4987.7	-12.9	485.6
12-12	241779.5	-67141.9	5637.8	-73.4	136.1	487.7
12-10	247850.6	-31346.9	5145.3	91.1	62.1	526.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-1024.5	0.0	0.4
12-12	si	14	Tz		224.9	12.0	0.0
12-10	si	6	Ty		58.9	0.0	-13.4

PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	741800.6	1355.9	395.1	-4988.2	-12.9	462.3
12-12	251056.9	-69350.6	5637.8	-73.7	136.1	469.8
12-10	257872.9	-32974.3	5145.3	90.8	62.1	508.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-1037.3	0.0	0.4
12-12	si	14	Tz		234.1	11.9	0.0
12-10	si	6	Ty		61.9	0.0	-13.1

VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr = 8060723.1 | alfa(a) = 0.2100 | ki = 0.9939 |  
 Y | Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr = 3490803.3 | alfa(a) = 0.2100 | ki = 0.9665 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -4988.2 | Mzeq = 741800.6 | Myeq = 1017.0 | Ss = -1038.7 ( 0.307 )

CASSONE\_S004 ( 4 ) stato limite ultimo - ASTA ( 161- 156) 407  
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	835242.8	856.3	25373.8	-5116.0	-11.2	-1765.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-1162.4	0.0	25.3
6-1	si	14	Tz		1075.2	-38.6	0.0
6-1	si	6	Ty		-45.0	0.0	53.1
6-1	si	15	Si		-1162.1	-38.6	0.0

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	800812.7	1073.7	25373.8	-5116.5	-11.2	-1788.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-1116.8	0.0	25.3
6-1	si	14	Tz		1029.4	-38.7	0.0
6-1	si	6	Ty		-45.4	0.0	53.5
6-1	si	15	Si		-1116.3	-38.7	0.0

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	765931.5	1291.1	25373.8	-5117.0	-11.2	-1812.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-1070.5	0.0	25.3
6-1	si	14	Tz		983.1	-38.9	0.0
6-1	si	6	Ty		-45.8	0.0	53.8
6-1	si	15	Si		-1070.0	-38.9	0.0

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	730599.4	1508.5	25373.8	-5117.4	-11.2	-1835.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-1023.6	0.0	25.3
6-1	si	14	Tz		936.1	-39.1	0.0
6-1	si	6	Ty		-46.3	0.0	54.2
6-1	si	15	Si		-1023.1	-39.1	0.0

PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	694816.2	1725.9	25373.8	-5117.9	-11.2	-1858.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-976.2	0.0	25.3

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6- 1	si	14	Tz	888.6	-39.3	0.0	891.2
6- 1	si	6	Ty	-46.7	0.0	54.6	105.4
6- 1	si	15	Si	-975.5	-39.3	0.0	977.9

PROGR.

97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	658581.9	1943.3	25373.8	-5118.4	-11.2	-1881.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-928.1	0.0	25.3	929.2
6- 1	si	14	Tz	840.4	-39.4	0.0	843.2
6- 1	si	6	Ty	-47.1	0.0	54.9	106.1
6- 1	si	15	Si	-927.3	-39.4	0.0	929.9

PROGR.

116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	621896.6	2160.7	25373.8	-5118.8	-11.2	-1905.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-879.4	0.0	25.3	880.5
6- 1	si	14	Tz	791.7	-39.6	0.0	794.6
6- 1	si	6	Ty	-47.5	0.0	55.3	106.9
6- 1	si	15	Si	-878.6	-39.6	0.0	881.3

PROGR.

136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	584760.3	2378.0	25373.8	-5119.3	-11.2	-1928.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-830.2	0.0	25.3	831.3
6- 1	si	14	Tz	742.3	-39.8	0.0	745.5
6- 1	si	6	Ty	-47.9	0.0	55.7	107.6
6- 1	si	15	Si	-829.2	-39.8	0.0	832.1

PROGR.

155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	547173.0	2595.4	25373.8	-5119.8	-11.2	-1951.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-780.3	0.0	25.3	781.5
6- 1	si	14	Tz	692.3	-39.9	0.0	695.8
6- 1	si	6	Ty	-48.3	0.0	56.0	108.4
6- 1	si	15	Si	-779.3	-39.9	0.0	782.3

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 8.91 | lm = 17.4 | Ncr= 8060722.9 | alfa(a) = 0.2100 | ki = 0.9939  
 Y Lc = 155. | Ro = 5.86 | lm = 26.4 | Ncr= 3490803.2 | alfa(a) = 0.2100 | ki = 0.9665  
 Caso 6- 1 - Nodo 2 - Asse Y  
 Ned = -5119.8 | Mzeq = 835242.8 | Myeq = 2243.6 | Ss = -1167.2 ( 0.345)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 4- 7 ) 8  
 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	223060.4	-50656.3	75934.4	1138.8	-651.8	-1310.6
11-15	53428.2	-51066.2	86691.3	-906.2	-757.2	-1160.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx	505.3	0.0	96.3	532.1
11-15	si	14	Tz	-18.5	-141.7	0.0	246.2
11-15	si	10	Ty	25.8	0.0	142.0	247.4

PROGR.

20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	-232010.1	9525.5	-20862.8	-3382.1	279.7	-437.1
11-15	31127.9	-37154.2	86691.3	-910.9	-757.2	-1173.7
12-12	196842.0	-37913.1	75934.4	1134.1	-651.8	-1324.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	3	Sx	-450.7	0.0	26.5	453.0
11-15	si	14	Tz	-29.3	-141.9	0.0	247.5
11-15	si	10	Ty	27.8	0.0	142.2	247.9
12-12	si	3	Si	431.7	0.0	96.3	462.8

PROGR.

40.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	-240656.6	2628.2	-20862.8	-3386.8	279.7	-450.6
11-15	8345.5	-26066.7	86691.3	-915.6	-757.2	-1187.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	3	Sx	-449.5	0.0	26.5	451.8
11-15	si	14	Tz	-46.4	-142.0	0.0	250.3
11-15	si	10	Ty	37.0	0.0	142.4	249.3
12- 7	si	16	Si	-448.5	38.4	0.0	453.4

PROGR.

61.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	-249626.7	717.6	-20862.8	-3391.5	279.7	-464.1
11-15	-14878.9	1484.6	86691.3	-920.3	-757.2	-1200.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 7	si	3	Sx	-460.3	0.0	26.5	462.6
11-15	si	14	Tz	-32.4	-142.1	0.0	248.3
11-15	si	10	Ty	9.1	0.0	142.5	247.0
12- 7	si	16	Si	-460.0	38.6	0.0	464.8

PROGR.

81.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-245950.1	-28852.2	57271.7	-3697.2	-223.3	-3340.6
11-15	-38512.5	14689.9	86691.3	-925.0	-757.2	-1214.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-522.1	0.0	72.7	537.1
11-15	si	14	Tz	-46.9	-142.3	0.0	250.8
11-15	si	10	Ty	14.7	0.0	142.7	247.6
6- 1	si	14	Si	-511.5	-112.4	0.0	547.3

PROGR. 101.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-313573.3	-24343.1	57271.7	-3703.3	-223.3	-3358.1
11-15	-62529.1	29140.1	86691.3	-929.7	-757.2	-1227.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-625.9	0.0	72.7	638.4
11-15	si	14	Tz	-59.5	-142.4	0.0	253.7
11-15	si	10	Ty	18.1	0.0	142.9	248.1
6- 1	si	14	Si	-616.9	-112.5	0.0	647.0

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-381551.1	-19833.9	57271.7	-3709.4	-223.3	-3375.7
11-15	-86908.1	44001.2	86691.3	-934.4	-757.2	-1241.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-730.2	0.0	72.7	741.0
11-15	si	14	Tz	-72.0	-142.5	0.0	257.2
11-15	si	10	Ty	21.1	0.0	143.0	248.6
6- 1	si	14	Si	-723.0	-112.7	0.0	748.8

PROGR. 141.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-449883.4	-15324.7	57271.7	-3715.5	-223.3	-3393.3
11-15	-111633.2	59032.7	86691.3	-939.1	-757.2	-1254.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-835.2	0.0	72.7	844.6
11-15	si	14	Tz	-84.8	-142.7	0.0	261.3
11-15	si	10	Ty	24.2	0.0	143.2	249.2
6- 1	si	14	Si	-829.6	-112.9	0.0	852.3

PROGR. 162.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-518570.3	-10815.5	57271.7	-3721.6	-223.3	-3410.8
11-15	-136691.2	74150.2	86691.3	-943.8	-757.2	-1268.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-940.8	0.0	72.7	949.1
11-15	si	14	Tz	-97.9	-142.8	0.0	266.0
11-15	si	10	Ty	27.6	0.0	143.3	249.8
6- 1	si	14	Si	-936.8	-113.1	0.0	957.0

VERIFICA STABILITA` :

L0 = 162.  
 Z |Lc = 162. |Ro = 9.06 |lm = 17.8 |Ncr= 5887667.6 |alfa(a)=0.2100 |ki=0.9927 |  
 Y |Lc = 162. |Ro = 6.01 |lm = 26.9 |Ncr= 2593014.7 |alfa(a)=0.2100 |ki=0.9651 |  
 Caso 6- 1 - Nodo 4 - Asse Y  
 Ned = -3721.6 |Mzeq = -388927.7 |Myeq = -37507.9 |Ss = -785.5 ( 0.232)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 2- 8) 9  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 3	-180773.8	18286.2	-29272.7	-3657.0	230.3	-829.3
11- 2	-5789.2	47328.4	-80907.0	-1826.9	744.1	-1367.5
12- 1	-159905.0	32038.4	-58083.3	-3585.9	502.6	-979.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 3	si	3	Sx	-387.5	0.0	37.1	392.8
11- 2	si	13	Tz	80.9	136.1	0.0	249.3
11- 2	si	9	Ty	97.3	0.0	136.9	256.3
12- 1	si	16	Si	-371.3	96.9	0.0	407.4

PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 3	-197689.5	13301.9	-29272.7	-3661.7	230.3	-842.8
11- 2	-33420.7	33458.2	-80907.0	-1831.6	744.1	-1381.0
12- 1	-179782.9	22245.3	-58083.3	-3590.6	502.6	-992.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 3	si	3	Sx	-404.6	0.0	37.1	409.7
11- 2	si	13	Tz	100.7	136.3	0.0	256.6
11- 2	si	9	Ty	107.5	0.0	137.0	260.6
12- 1	si	16	Si	-386.0	97.0	0.0	421.0

PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-209037.3	28409.6	-36240.7	-5224.6	186.0	-4350.4
11- 2	-61279.3	22031.8	-80907.0	-1836.3	744.1	-1394.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-475.8	0.0	46.0	482.4
11- 2	si	13	Tz	125.5	136.4	0.0	267.6
11- 2	si	9	Ty	123.7	0.0	137.2	267.9
6- 1	si	16	Si	-465.3	94.9	0.0	493.5

PROGR. 61.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-297048.0	24654.6	-36240.7	-5230.7	186.0	-4367.9
11- 2	-89331.5	-4187.3	-80907.0	-1841.0	744.1	-1408.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-615.6	0.0	46.0	620.8
11- 2	si	13	Tz	122.2	136.5	0.0	266.2
11- 2	si	9	Ty	106.2	0.0	137.4	260.6
6- 1	si	16	Si	-606.6	95.1	0.0	628.5

PROGR. 81.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-385413.4	20899.6	-36240.7	-5236.8	186.0	-4385.5
11- 2	-117503.3	-16949.1	-80907.0	-1845.7	744.1	-1421.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-756.1	0.0	46.0	760.3
11- 2	si	13	Tz	145.0	136.7	0.0	277.6
11- 2	si	9	Ty	119.8	0.0	137.5	266.6
6- 1	si	16	Si	-748.5	95.3	0.0	766.4

PROGR. 101.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-474133.2	17144.6	-36240.7	-5242.9	186.0	-4403.1
11- 2	-145601.6	-31152.6	-80907.0	-1850.4	744.1	-1435.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-897.2	0.0	46.0	900.7
11- 2	si	13	Tz	165.0	136.8	0.0	288.7
11- 2	si	9	Ty	129.9	0.0	137.7	271.6
6- 1	si	16	Si	-890.9	95.4	0.0	906.1

PROGR. 121.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-563207.6	13389.5	-36240.7	-5249.1	186.0	-4420.6
11- 2	-173029.1	-45769.2	-80907.0	-1855.0	744.1	-1448.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-1038.9	0.0	46.0	1041.9
11- 2	si	13	Tz	182.9	137.0	0.0	299.6
11- 2	si	9	Ty	138.1	0.0	137.9	275.8
6- 1	si	16	Si	-1034.0	95.6	0.0	1047.2

PROGR. 141.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-652636.6	9634.5	-36240.7	-5255.2	186.0	-4438.2
11- 2	-212086.2	-60552.1	-80907.0	-1859.7	744.1	-1462.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-1181.2	0.0	46.0	1183.9
11- 2	si	13	Tz	220.2	137.1	0.0	323.9
11- 2	si	9	Ty	163.6	0.0	138.0	289.7
6- 1	si	16	Si	-1177.6	95.8	0.0	1189.3

PROGR. 162.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-742420.2	5879.5	-36240.7	-5261.3	186.0	-4455.7
11- 2	-239044.4	-75417.2	-80907.0	-1864.4	744.1	-1475.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-1324.1	0.0	46.0	1326.4
11- 2	si	13	Tz	237.0	137.2	0.0	335.6
11- 2	si	9	Ty	170.5	0.0	138.2	293.9
6- 1	si	16	Si	-1321.9	96.0	0.0	1332.3

VERIFICA STABILITA` :

L0 = 162. |  
 Z | Lc = 162. | Ro = 9.06 | lm = 17.8 | Ncr = 5887667.6 | alfa(a) = 0.2100 | ki = 0.9927 |  
 Y | Lc = 162. | Ro = 6.01 | lm = 26.9 | Ncr = 2593014.8 | alfa(a) = 0.2100 | ki = 0.9651 |  
 Caso 6- 1 - Nodo 3 - Asse Y  
 Ned = -5261.3 | Mzeq = -556815.1 | Myeq = 27169.5 | Ss = -1063.0 ( 0.314)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 9- 6) 11  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-335004.9	58835.8	-58114.3	-4163.9	298.4	101.6
11- 5	11666.0	-73158.0	122867.6	102.1	-938.8	-116.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	3	Sx	-746.4	0.0	73.7	757.2
11- 5	si	7	Tz	-18.5	-186.4	0.0	323.4
11- 5	si	10	Ty	151.5	0.0	179.7	346.1

PROGR. 14.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-333596.5	55049.6	-58114.3	-4159.2	298.4	92.7
11- 5	9841.6	-61301.4	122867.6	106.8	-938.8	-124.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	3	Sx	-735.3	0.0	73.7	746.3
11- 5	si	7	Tz	-15.4	-186.4	0.0	323.2
11- 5	si	10	Ty	127.0	0.0	179.8	336.3

PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-369670.7	21648.4	-13186.8	-4668.7	-28.2	201.5

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11- 5	7881.4	-49840.8	122867.6	111.4	-938.8	-133.7
12-15	-332309.7	51384.8	-58114.3	-4154.6	298.4	83.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-725.0	0.0	16.7	725.6
11- 5	si	7	Tz	-12.1	-186.4	0.0	323.1
11- 5	si	10	Ty	103.7	0.0	179.9	328.4
12-15	si	3	Si	-724.6	0.0	73.7	735.8

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-366933.1	21358.6	-13186.8	-4664.1	-28.2	192.6
11- 5	5784.0	-38934.9	122867.6	116.1	-938.8	-142.6
12-15	-331144.3	47890.4	-58114.3	-4149.9	298.4	75.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-719.7	0.0	16.7	720.3
11- 5	si	7	Tz	-8.5	-186.4	0.0	322.9
11- 5	si	10	Ty	81.9	0.0	180.0	322.4
12-15	si	3	Si	-714.6	0.0	73.7	725.9

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-364324.6	20843.0	-13186.8	-4659.4	-28.2	183.8
11- 5	3547.8	-28808.8	122867.6	120.7	-938.8	-151.4
12-15	-330099.7	44636.8	-58114.3	-4145.3	298.4	66.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-714.0	0.0	16.7	714.6
11- 5	si	7	Tz	-4.6	-186.4	0.0	322.9
11- 5	si	10	Ty	62.1	0.0	180.1	318.1
12-15	si	3	Si	-705.3	0.0	73.7	716.8

----- PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-361845.8	20019.8	-13186.8	-4654.7	-28.2	174.9
11- 5	1170.8	-19760.1	122867.6	125.4	-938.8	-160.3
12-15	-329175.4	41719.4	-58114.3	-4140.6	298.4	57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-707.9	0.0	16.7	708.5
11- 5	si	7	Tz	-0.6	-186.4	0.0	322.8
11- 5	si	10	Ty	45.0	0.0	180.2	315.4
12-15	si	3	Si	-697.0	0.0	73.7	708.6

----- PROGR. 85.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-359497.5	18808.5	-13186.8	-4650.1	-28.2	166.1
11- 5	-1349.4	-12125.8	122867.6	130.0	-938.8	-169.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-701.1	0.0	16.7	701.7
11- 5	si	7	Tz	3.7	-186.4	0.0	322.9
11- 5	si	10	Ty	31.4	0.0	180.3	313.9

----- PROGR. 99.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-357280.6	37402.4	-13186.8	-4645.4	-28.2	157.2
11- 5	-4015.7	61131.4	122867.6	134.7	-938.8	-178.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-740.1	0.0	16.7	740.6
11- 5	si	7	Tz	8.3	-186.4	0.0	322.9
11- 5	si	10	Ty	-132.9	0.0	180.4	339.6

----- PROGR. 113.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-355195.9	36812.2	-13186.8	-4640.8	-28.2	148.4
11- 5	-6831.5	67730.7	122867.6	139.3	-938.8	-186.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-735.1	0.0	16.7	735.7
11- 5	si	7	Tz	13.1	-186.4	0.0	323.1
11- 5	si	10	Ty	-143.7	0.0	180.6	344.1

VERIFICA STABILITA` :

L0 = 113.  
 Z | Lc = 113. | Ro = 9.06 | lm = 12.5 | Ncr = 12040377.2 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 113. | Ro = 6.01 | lm = 18.8 | Ncr = 5302757.8 | alfa(a) = 0.2100 | ki = 0.9899  
 Caso 12-13 - Nodo 3 - Asse Y  
 Ned = -4678.0 | Mzeq = -375531.5 | Myeq = 31602.5 | Ss = -758.7 ( 0.224)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 10- 5) 12  
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-347852.8	36303.9	-85291.3	-4515.5	589.1	130.3
11-12	-58401.2	73118.6	-123360.4	-899.9	923.7	330.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx	-720.2	0.0	108.2	744.2
11-12	si	7	Tz	88.5	186.5	0.0	335.0
11-12	si	10	Ty	-88.9	0.0	-182.5	328.4

----- PROGR. 14.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-346077.2	28405.1	-85291.3	-4510.8	589.1	121.5
11-12	-53959.3	61426.5	-123360.4	-895.2	923.7	321.3



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx	-699.0	0.0	108.2	723.7
11-12	si	7	Tz	81.1	186.5	0.0	333.1
11-12	si	10	Ty	-68.8	0.0	-182.4	323.4
----- PROGR.							
28.							

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-366473.8	-9175.9	-40194.4	-4739.9
11-12	si	7	Tz	-49620.7	50101.5	-123360.4	-890.6
12-12	si	10	Ty	-344420.2	20623.0	-85291.3	-4506.2
----- PROGR.							
28.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-691.7	0.0	51.0	697.4
11-12	si	7	Tz	73.8	186.5	0.0	331.4
11-12	si	10	Ty	-49.3	0.0	-182.3	319.6
12-12	si	3	Si	-678.3	0.0	108.2	703.7
----- PROGR.							
42.							

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-366299.9	-13687.8	-40194.4	-4735.3
11-12	si	7	Tz	-45389.4	39285.3	-123360.4	-885.9
----- PROGR.							
42.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-701.8	0.0	51.0	707.3
11-12	si	7	Tz	66.7	186.5	0.0	329.9
11-12	si	10	Ty	-30.9	0.0	-182.2	317.1
----- PROGR.							
56.							

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-366255.5	-18376.9	-40194.4	-4730.6
11-12	si	7	Tz	-41268.2	29180.1	-123360.4	-881.3
----- PROGR.							
56.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-712.4	0.0	51.0	717.9
11-12	si	7	Tz	59.8	186.5	0.0	328.6
11-12	si	10	Ty	-13.9	0.0	-182.1	315.7
----- PROGR.							
71.							

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-366339.9	-23242.9	-40194.4	-4725.9
11-12	si	7	Tz	-37259.4	20067.8	-123360.4	-876.6
----- PROGR.							
71.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-723.7	0.0	51.0	729.1
11-12	si	7	Tz	53.1	186.5	0.0	327.4
11-12	si	10	Ty	1.0	0.0	-182.0	315.2
----- PROGR.							
85.							

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-366552.5	-27594.5	-40194.4	-4721.3
11-12	si	7	Tz	-33364.9	12479.2	-123360.4	-871.9
----- PROGR.							
85.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-734.0	0.0	51.0	739.3
11-12	si	7	Tz	46.6	186.5	0.0	326.4
11-12	si	10	Ty	12.5	0.0	-181.9	315.3
----- PROGR.							
99.							

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-366892.9	-15407.2	-40194.4	-4716.6
11-12	si	7	Tz	-29586.3	-61529.2	-123360.4	-867.3
12-12	si	10	Ty	-337945.1	-35506.8	-85291.3	-4482.9
----- PROGR.							
99.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-706.5	0.0	51.0	712.0
11-12	si	7	Tz	40.3	186.5	0.0	325.6
11-12	si	10	Ty	176.9	0.0	-181.8	361.2
12-12	si	4	Si	-701.3	0.0	108.2	725.9
----- PROGR.							
113.							

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-367360.6	-20958.2	-40194.4	-4712.0
11-12	si	7	Tz	-25924.8	-67958.2	-123360.4	-862.6
12-12	si	10	Ty	-337016.3	-41576.0	-85291.3	-4478.2
----- PROGR.							
113.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-720.0	0.0	51.0	725.4
11-12	si	7	Tz	34.2	186.5	0.0	324.9
11-12	si	10	Ty	186.1	0.0	-181.7	365.6
12-12	si	4	Si	-713.6	0.0	108.2	737.8
----- PROGR.							
113.							

## VERIFICA STABILITA` :

L0 = 113.  
 Z | Lc = 113. | Ro = 9.06 | lm = 12.5 | Ncr = 12040377.3 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 113. | Ro = 6.01 | lm = 18.8 | Ncr = 5302757.9 | alfa(a) = 0.2100 | ki = 0.9899 |  
 Caso12-10 - Nodo 4 - Asse Y  
 Ned = -4749.2 | Mzeq = -367360.6 | Myeq = -20695.9 | Ss = -720.6 ( 0.213 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 1- 90 ) 80  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-367439.7	4989.2	14621.9	-2289.5
----- PROGR.							
0.							

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-656.6	0.0	18.5	657.4
6- 1	si	14	Tz	-635.5	50.4	0.0	641.5

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	5	Ty	-13.9	0.0	-81.1	141.2
6-1	si	16	Si	-654.8	-47.9	0.0	660.0

-----  
 PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-308517.2	4070.7	14621.9	-2289.9	47.1	3010.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-555.1	0.0	18.5	556.0
6-1	si	14	Tz	-537.9	50.2	0.0	544.9
6-1	si	5	Ty	-16.0	0.0	-80.7	140.7
6-1	si	16	Si	-553.6	-47.8	0.0	559.8

-----  
 PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-249945.3	3152.2	14621.9	-2290.2	47.1	2992.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-454.2	0.0	18.5	455.3
6-1	si	14	Tz	-440.9	50.1	0.0	449.3
6-1	si	5	Ty	-18.1	0.0	-80.4	140.4
6-1	si	16	Si	-453.0	-47.6	0.0	460.5

-----  
 PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-191724.1	2233.7	14621.9	-2290.6	47.1	2974.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-353.9	0.0	18.5	355.4
6-1	si	14	Tz	-344.5	49.9	0.0	355.1
6-1	si	5	Ty	-20.3	0.0	-80.0	140.0
6-1	si	16	Si	-353.1	-47.4	0.0	362.5

-----  
 PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-133853.5	1315.2	14621.9	-2290.9	47.1	2956.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-254.2	0.0	18.5	256.2
6-1	si	14	Tz	-248.6	49.7	0.0	263.1
6-1	si	5	Ty	-22.4	0.0	-79.6	139.7
6-1	si	16	Si	-253.7	-47.2	0.0	266.6

-----  
 PROGR. 98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
11-12	-22126.5	39313.9	2017.2	-4127.7	69.4	755.8	
6-1	-76333.7	396.8	14621.9	-2291.3	47.1	2938.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-173.4	0.0	2.6	173.5
6-1	si	14	Tz	-153.4	49.5	0.0	175.7
6-1	si	5	Ty	-24.5	0.0	-79.2	139.4

-----  
 PROGR. 117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
11-12	-7567.7	40587.1	2017.2	-4127.9	69.4	742.0	
6-1	-19164.6	-521.7	14621.9	-2291.7	47.1	2920.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-151.8	0.0	2.6	151.8
6-1	si	14	Tz	-58.7	49.3	0.0	103.7
6-1	si	5	Ty	-26.6	0.0	-78.9	139.2

-----  
 PROGR. 137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
11-11	7048.7	41785.3	1971.3	-4145.9	70.8	731.1	
6-1	37653.8	-1440.2	14621.9	-2292.0	47.1	2902.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	2	Sx	-153.8	0.0	2.5	153.9
6-1	si	14	Tz	35.3	49.2	0.0	92.2
6-1	si	5	Ty	-28.7	0.0	-78.5	139.0
11-11	si	10	Si	-152.7	0.0	-13.0	154.4

-----  
 PROGR. 156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	94121.6	-2358.7	14621.9	-2292.4	47.1	2884.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-189.6	0.0	18.5	192.3
6-1	si	14	Tz	128.8	49.0	0.0	154.2
6-1	si	5	Ty	-30.8	0.0	-78.1	138.8
6-1	si	13	Si	-188.7	-46.5	0.0	205.2

## VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.2 |Ncr= 6301059.0 |alfa(a)=0.2100 |ki=0.9944 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2775078.3 |alfa(a)=0.2100 |ki=0.9680 |  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -2292.4 |Mzeq = -275579.8 |Myeq = 3741.9 |Ss = -499.8 ( 0.148)

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 -----  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	100261.6	-1811.3	-12942.9	-2317.7	-1.9	559.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	1	Sx	-199.0	0.0	16.4	201.0
6-1	si	13	Tz Si	-198.3	-22.1	0.0	202.0
6-1	si	5	Ty	-29.8	0.0	-28.0	56.9

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	111007.1	-1773.7	-12942.9	-2318.1	-1.9	541.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-217.0	0.0	16.4	218.9
6-1	si	13	Tz Si	-216.3	-21.9	0.0	219.7
6-1	si	5	Ty	-29.8	0.0	-27.6	56.3

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	121401.9	-1736.1	-12942.9	-2318.4	-1.9	523.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-234.4	0.0	16.4	236.2
6-1	si	13	Tz Si	-233.8	-21.8	0.0	236.8
6-1	si	5	Ty	-29.7	0.0	-27.2	55.7

----- PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	131445.9	-1698.5	-12942.9	-2318.8	-1.9	505.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-251.3	0.0	16.4	252.9
6-1	si	13	Tz Si	-250.7	-21.6	0.0	253.5
6-1	si	5	Ty	-29.6	0.0	-26.9	55.1

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	141139.3	-1660.9	-12942.9	-2319.1	-1.9	487.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-267.6	0.0	16.4	269.1
6-1	si	13	Tz Si	-267.0	-21.4	0.0	269.5
6-1	si	5	Ty	-29.5	0.0	-26.5	54.6

----- PROGR. 98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	150482.0	-1623.3	-12942.9	-2319.5	-1.9	469.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-283.3	0.0	16.4	284.7
6-1	si	13	Tz Si	-282.7	-21.2	0.0	285.0
6-1	si	5	Ty	-29.4	0.0	-26.1	54.0

----- PROGR. 117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	159474.1	-1585.7	-12942.9	-2319.8	-1.9	451.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-298.3	0.0	16.4	299.7
6-1	si	13	Tz Si	-297.8	-21.0	0.0	300.0
6-1	si	5	Ty	-29.4	0.0	-25.8	53.4

----- PROGR. 137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	168115.4	-1548.1	-12942.9	-2320.2	-1.9	433.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-312.8	0.0	16.4	314.1
6-1	si	13	Tz Si	-312.3	-20.9	0.0	314.3
6-1	si	5	Ty	-29.3	0.0	-25.4	52.8

----- PROGR. 156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	176406.0	-1510.5	-12942.9	-2320.5	-1.9	415.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-326.7	0.0	16.4	328.0
6-1	si	13	Tz Si	-326.2	-20.7	0.0	328.1
6-1	si	5	Ty	-29.2	0.0	-25.0	52.2

## VERIFICA STABILITA` :

L0 = 156.  
 Z Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6301059.0 | alfa(a) = 0.2100 | ki = 0.9944  
 Y Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2775078.3 | alfa(a) = 0.2100 | ki = 0.9680  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -2320.5 | Mzeq = 176406.0 | Myeq = -1811.3 | Ss = -328.4 ( 0.097)

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----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	158054.0	-1884.6	5895.4	-2334.0	-9.8	-1515.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-296.8	0.0	7.5	297.1
6-1	si	14	Tz Si	237.1	-23.1	0.0	240.4
6-1	si	5	Ty	-30.2	0.0	38.8	73.7
6-1	si	13	Si	-296.1	22.6	0.0	298.7

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	128301.7	-1693.3	5895.4	-2334.4	-9.8	-1533.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-246.2	0.0	7.5	246.5
6-1	si	14	Tz	187.3	-23.3	0.0	191.6
6-1	si	5	Ty	-29.8	0.0	39.2	74.1
6-1	si	13	Si	-245.5	22.7	0.0	248.7

39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	98198.6	-1502.1	5895.4	-2334.7	-9.8	-1551.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-195.0	0.0	7.5	195.4
6-1	si	14	Tz	136.9	-23.4	0.0	142.8
6-1	si	5	Ty	-29.3	0.0	39.5	74.5
6-1	si	13	Si	-194.4	22.9	0.0	198.4

59.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-9	28566.5	34400.8	477.6	-3733.9	-119.7	-341.2	
6-1	67744.9	-1310.8	5895.4	-2335.1	-9.8	-1569.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-9	si	2	Sx	-168.6	0.0	0.6	168.6
6-1	si	14	Tz	85.9	-23.6	0.0	95.1
6-1	si	5	Ty	-28.9	0.0	39.9	74.9

78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-9	21758.2	33038.3	477.6	-3734.2	-119.7	-355.1	
6-1	36940.5	-1119.6	5895.4	-2335.4	-9.8	-1587.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-9	si	2	Sx	-154.0	0.0	0.6	154.0
6-1	si	14	Tz	34.3	-23.8	0.0	53.6
6-1	si	5	Ty	-28.5	0.0	40.3	75.3

98.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-9	14682.5	31867.0	477.6	-3734.4	-119.7	-368.9	
6-1	5785.4	-928.4	5895.4	-2335.8	-9.8	-1605.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-9	si	2	Sx	-139.4	0.0	0.6	139.4
6-1	si	14	Tz	-17.9	-24.0	0.0	45.2
6-1	si	5	Ty	-28.0	0.0	40.6	75.8

117.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	-8033.3	34332.3	2426.4	-4676.1	-150.8	-440.5	
6-1	-25720.4	-737.1	5895.4	-2336.1	-9.8	-1623.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-144.3	0.0	3.1	144.4
6-1	si	14	Tz	-70.7	-24.2	0.0	82.2
6-1	si	5	Ty	-27.6	0.0	41.0	76.2

137.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	-16772.8	34220.5	2426.4	-4676.4	-150.8	-454.3	
6-1	-57576.8	-545.9	5895.4	-2336.5	-9.8	-1641.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-158.7	0.0	3.1	158.8
6-1	si	14	Tz	-124.1	-24.3	0.0	131.0
6-1	si	5	Ty	-27.1	0.0	41.4	76.6

156.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-89784.0	-354.7	5895.4	-2336.9	-9.8	-1659.2	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-178.1	0.0	7.5	178.6
6-1	si	14	Tz	-178.0	-24.5	0.0	183.0
6-1	si	5	Ty	-26.7	0.0	41.8	77.1

VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.2 |Ncr= 6301059.1 |alfa(a)=0.2100 |ki=0.9944 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2775078.4 |alfa(a)=0.2100 |ki=0.9680 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -2336.9 |Mzeq = 118540.5 |Myeq = -1455.5 |Ss = -230.1 ( 0.068)

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 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	-15649.4	34017.5	21529.8	-4906.3	158.6	-841.8	
6-1	-51785.9	-1892.8	83355.5	-2341.3	-10.4	-3283.6	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-158.9	0.0	27.3	165.8
6-1	si	14	Tz	-116.9	-139.2	0.0	268.0
6-1	si	5	TySi	-30.3	0.0	173.6	302.2

20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-116045.9	-1690.2	83355.5	-2341.6	-10.4	-3301.6	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-225.6	0.0	105.7	290.6	
6-1	si	14	Tz Si	-224.9	-139.4	0.0	330.0	
6-1	si	5	Ty	-29.8	0.0	174.0	302.8	
-----								
							PROGR.	39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-180656.5	-1487.5	83355.5	-2342.0	-10.4	-3319.6	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-334.1	0.0	105.7	381.0	
6-1	si	14	Tz Si	-333.5	-139.6	0.0	412.0	
6-1	si	5	Ty	-29.4	0.0	174.3	303.4	
-----								
							PROGR.	59.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-245617.8	-1284.9	83355.5	-2342.3	-10.4	-3337.5	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-443.2	0.0	105.7	479.5	
6-1	si	14	Tz Si	-442.7	-139.8	0.0	504.6	
6-1	si	5	Ty	-28.9	0.0	174.7	304.0	
-----								
							PROGR.	78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-310929.8	-1082.3	83355.5	-2342.7	-10.4	-3355.5	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-552.9	0.0	105.7	582.4	
6-1	si	14	Tz Si	-552.5	-140.0	0.0	603.3	
6-1	si	5	Ty	-28.4	0.0	175.1	304.6	
-----								
							PROGR.	98.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-376592.5	-879.7	83355.5	-2343.1	-10.4	-3373.5	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-663.2	0.0	105.7	688.0	
6-1	si	14	Tz Si	-662.9	-140.1	0.0	705.9	
6-1	si	5	Ty	-28.0	0.0	175.4	305.2	
-----								
							PROGR.	117.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-442605.9	-677.0	83355.5	-2343.4	-10.4	-3391.5	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-774.1	0.0	105.7	795.4	
6-1	si	14	Tz Si	-773.8	-140.3	0.0	811.1	
6-1	si	5	Ty	-27.5	0.0	175.8	305.7	
-----								
							PROGR.	137.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-508970.0	-474.4	83355.5	-2343.8	-10.4	-3409.4	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-885.5	0.0	105.7	904.3	
6-1	si	14	Tz Si	-885.4	-140.5	0.0	918.2	
6-1	si	5	Ty	-27.1	0.0	176.2	306.3	
-----								
							PROGR.	156.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-575684.7	-271.8	83355.5	-2344.1	-10.4	-3427.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-997.6	0.0	105.7	1014.3
6-1	si	14	Tz Si	-997.5	-140.7	0.0	1026.8
6-1	si	5	Ty	-26.6	0.0	176.5	306.9
-----							

VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.2 |Ncr= 6301059.0 |alfa(a)=0.2100 |ki=0.9944 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2775078.3 |alfa(a)=0.2100 |ki=0.9680 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -2344.1 |Mzeq = -431763.5 |Myeq = -1419.6 |Ss = -758.6 ( 0.224)

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SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-481345.3	574.1	40755.0	-2374.0	-2.0	-6243.4	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	-839.5	0.0	51.7	844.3	
6-1	si	14	Tz Si	-837.1	-114.9	0.0	860.4	
6-1	si	5	Ty	-25.0	0.0	180.7	313.9	
6-1	si	16	Si	-839.3	114.8	0.0	862.5	
-----								
							PROGR.	10.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-542313.7	593.5	40755.0	-2374.2	-2.0	-6252.4	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	-942.4	0.0	51.7	946.6	
6-1	si	14	Tz Si	-939.9	-115.0	0.0	960.8	
6-1	si	5	Ty	-24.9	0.0	180.9	314.3	
6-1	si	16	Si	-942.2	114.9	0.0	963.0	
-----								
							PROGR.	20.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-603369.8	612.9	40755.0	-2374.4	-2.0	-6261.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1045.4	0.0	51.7	1049.3
6-1	si	14	Tz	-1042.8	-115.1	0.0	1061.7
6-1	si	5	Ty	-24.9	0.0	181.1	314.6
6-1	si	16	Si	-1045.2	115.0	0.0	1064.0

PROGR. 29.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-664513.6	632.3	40755.0	-2374.5	-2.0	-6270.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1148.6	0.0	51.7	1152.1
6-1	si	14	Tz	-1145.9	-115.2	0.0	1163.2
6-1	si	5	Ty	-24.9	0.0	181.2	314.9
6-1	si	16	Si	-1148.4	115.1	0.0	1165.5

PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-725745.0	651.7	40755.0	-2374.7	-2.0	-6279.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1251.9	0.0	51.7	1255.1
6-1	si	14	Tz	-1249.2	-115.3	0.0	1265.0
6-1	si	5	Ty	-24.8	0.0	181.4	315.2
6-1	si	16	Si	-1251.7	115.2	0.0	1267.5

PROGR. 49.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-787064.1	671.1	40755.0	-2374.9	-2.0	-6288.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1355.4	0.0	51.7	1358.4
6-1	si	14	Tz	-1352.6	-115.4	0.0	1367.2
6-1	si	5	Ty	-24.8	0.0	181.6	315.5
6-1	si	16	Si	-1355.2	115.3	0.0	1369.8

PROGR. 59.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-848470.9	690.5	40755.0	-2375.1	-2.0	-6297.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1459.0	0.0	51.7	1461.8
6-1	si	14	Tz	-1456.1	-115.5	0.0	1469.8
6-1	si	5	Ty	-24.7	0.0	181.8	315.8
6-1	si	16	Si	-1458.8	115.4	0.0	1472.4

PROGR. 68.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-909965.4	709.9	40755.0	-2375.2	-2.0	-6306.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1562.8	0.0	51.7	1565.4
6-1	si	14	Tz	-1559.8	-115.6	0.0	1572.6
6-1	si	5	Ty	-24.7	0.0	182.0	316.2
6-1	si	16	Si	-1562.5	115.4	0.0	1575.3

PROGR. 78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-971547.5	729.3	40755.0	-2375.4	-2.0	-6315.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1666.7	0.0	51.7	1669.1
6-1	si	14	Tz	-1663.6	-115.6	0.0	1675.6
6-1	si	5	Ty	-24.6	0.0	182.2	316.5
6-1	si	16	Si	-1666.4	115.5	0.0	1678.4

VERIFICA STABILITA` :

$L_0 = 78.$   
 $Z \quad L_c = 78. \quad R_o = 9.06 \quad l_m = 8.6 \quad N_{cr} = 25204236.1 \quad \alpha(a) = 0.2100 \quad k_i = 1.0000$   
 $Y \quad L_c = 78. \quad R_o = 6.01 \quad l_m = 13.0 \quad N_{cr} = 11100313.4 \quad \alpha(a) = 0.2100 \quad k_i = 1.0000$   
 Caso 6-1 - Nodo 3 - Asse Y  
 $N_{ed} = -2375.4 \quad M_{zeq} = -943772.5 \quad M_{yeq} = 729.3 \quad S_s = -1620.0 \quad (0.479)$

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 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-267769.7	511.7	-32035.9	-2330.2	10.7	5374.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-478.6	0.0	40.6	483.8
6-1	si	14	Tz	-476.5	95.3	0.0	504.3
6-1	si	5	Ty	-24.6	0.0	-151.7	263.9
6-1	si	16	Si	-478.5	-94.7	0.0	505.8

PROGR. 20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-163051.3	302.0	-32035.9	-2330.5	10.7	5356.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-301.5	0.0	40.6	309.6
6-1	si	14	Tz	-300.3	95.1	0.0	342.5
6-1	si	5	Ty	-25.1	0.0	-151.3	263.3
6-1	si	16	Si	-301.4	-94.5	0.0	343.0

----- SOLLECITAZIONI : 39.

Caso	MZ	MY	MT	N	TZ	TY
11-15	-16916.9	-43028.7	-8273.6	-4296.1	211.0	1419.1
6-1	-58683.7	92.2	-32035.9	-2330.9	10.7	5338.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	4	Sx	-175.0	0.0	10.5	176.0
6-1	si	14	Tz	-124.6	94.9	0.0	206.3
6-1	si	5	Ty	-25.6	0.0	-150.9	262.7
6-1	si	6	Si	-26.0	0.0	-150.9	262.7

----- SOLLECITAZIONI : 59.

Caso	MZ	MY	MT	N	TZ	TY
11-15	10647.6	-46039.9	-8273.6	-4296.4	211.0	1405.2
6-1	45333.3	-117.6	-32035.9	-2331.2	10.7	5320.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-171.4	0.0	10.5	172.3
6-1	si	14	Tz	50.4	94.8	0.0	171.7
6-1	si	5	TySi	-26.1	0.0	-150.6	262.1

----- SOLLECITAZIONI : 78.

Caso	MZ	MY	MT	N	TZ	TY
6-1	148999.6	-327.3	-32035.9	-2331.6	10.7	5302.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-277.9	0.0	40.6	286.7
6-1	si	14	Tz	224.8	94.6	0.0	278.2
6-1	si	5	Ty	-26.6	0.0	-150.2	261.5
6-1	si	13	Si	-277.8	-94.0	0.0	322.0

----- SOLLECITAZIONI : 98.

Caso	MZ	MY	MT	N	TZ	TY
6-1	252315.2	-537.1	-32035.9	-2332.0	10.7	5284.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-452.7	0.0	40.6	458.1
6-1	si	14	Tz	398.7	94.4	0.0	430.9
6-1	si	5	Ty	-27.1	0.0	-149.8	260.9
6-1	si	13	Si	-452.5	-93.8	0.0	480.8

----- SOLLECITAZIONI : 117.

Caso	MZ	MY	MT	N	TZ	TY
6-1	355280.1	-746.8	-32035.9	-2332.3	10.7	5266.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-626.8	0.0	40.6	630.8
6-1	si	14	Tz	572.0	94.2	0.0	594.8
6-1	si	5	Ty	-27.6	0.0	-149.4	260.3
6-1	si	13	Si	-626.5	-93.6	0.0	647.2

----- SOLLECITAZIONI : 137.

Caso	MZ	MY	MT	N	TZ	TY
6-1	457894.3	-956.6	-32035.9	-2332.7	10.7	5248.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-800.4	0.0	40.6	803.5
6-1	si	14	Tz	744.6	94.0	0.0	762.2
6-1	si	5	Ty	-28.0	0.0	-149.1	259.7
6-1	si	13	Si	-800.0	-93.5	0.0	816.2

----- SOLLECITAZIONI : 156.

Caso	MZ	MY	MT	N	TZ	TY
6-1	560157.8	-1166.4	-32035.9	-2333.0	10.7	5230.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-973.4	0.0	40.6	975.9
6-1	si	14	Tz	916.7	93.8	0.0	931.0
6-1	si	5	Ty	-28.5	0.0	-148.7	259.1
6-1	si	13	Si	-972.9	-93.3	0.0	986.2

----- VERIFICA STABILITA' :

L0 = 156.  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6301059.0 | alfa(a) = 0.2100 | ki = 0.9944  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2775078.3 | alfa(a) = 0.2100 | ki = 0.9680  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -2333.0 | Mzeq = 420118.4 | Myeq = -874.8 | Ss = -737.6 ( 0.218)

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----- SOLLECITAZIONI : 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	515005.8	-937.6	-43557.8	-2375.1	-11.6	1836.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-897.1	0.0	55.3	902.2
6-1	si	13	Tz Si	-896.8	-74.1	0.0	905.9
6-1	si	5	Ty	-28.5	0.0	-93.2	163.9

----- SOLLECITAZIONI : 20.

Caso	MZ	MY	MT	N	TZ	TY
6-1	550680.8	-710.5	-43557.8	-2375.4	-11.6	1819.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-956.8	0.0	55.3	961.6
6-1	si	13	Tz Si	-956.5	-74.0	0.0	965.1
6-1	si	5	Ty	-28.0	0.0	-92.8	163.2

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

----- SOLLECITAZIONI : 39.

Caso	MZ	MY	MT	N	TZ	TY
6-1	586005.1	-483.5	-43557.8	-2375.8	-11.6	1801.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1015.9	0.0	55.3	1020.4
6-1	si	13	Tz	-1015.7	-73.8	0.0	1023.7
6-1	si	5	Ty	-27.4	0.0	-92.5	162.5

----- SOLLECITAZIONI : 59.

Caso	MZ	MY	MT	N	TZ	TY
6-1	620978.8	-256.4	-43557.8	-2376.1	-11.6	1783.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1074.3	0.0	55.3	1078.6
6-1	si	13	Tz	-1074.2	-73.6	0.0	1081.8
6-1	si	5	Ty	-26.9	0.0	-92.1	161.8

----- SOLLECITAZIONI : 78.

Caso	MZ	MY	MT	N	TZ	TY
6-1	655601.7	-29.4	-43557.8	-2376.5	-11.6	1765.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1132.2	0.0	55.3	1136.2
6-1	si	13	Tz	-1132.2	-73.4	0.0	1139.3
6-1	si	5	Ty	-26.4	0.0	-91.7	161.0

----- SOLLECITAZIONI : 98.

Caso	MZ	MY	MT	N	TZ	TY
6-1	689874.0	197.6	-43557.8	-2376.8	-11.6	1747.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1190.4	0.0	55.3	1194.2
6-1	si	13	Tz	-1189.6	-73.2	0.0	1196.3
6-1	si	5	Ty	-25.9	0.0	-91.3	160.3
6-1	si	15	Si	-1190.3	72.6	0.0	1197.0

----- SOLLECITAZIONI : 117.

Caso	MZ	MY	MT	N	TZ	TY
6-1	723795.5	424.7	-43557.8	-2377.2	-11.6	1729.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1248.1	0.0	55.3	1251.8
6-1	si	13	Tz	-1246.4	-73.1	0.0	1252.8
6-1	si	5	Ty	-25.4	0.0	-91.0	159.6
6-1	si	15	Si	-1248.0	72.4	0.0	1254.3

----- SOLLECITAZIONI : 137.

Caso	MZ	MY	MT	N	TZ	TY
6-1	757366.4	651.7	-43557.8	-2377.6	-11.6	1711.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1305.3	0.0	55.3	1308.8
6-1	si	13	Tz	-1302.5	-72.9	0.0	1308.6
6-1	si	5	Ty	-24.8	0.0	-90.6	158.9
6-1	si	15	Si	-1305.1	72.3	0.0	1311.0

----- SOLLECITAZIONI : 156.

Caso	MZ	MY	MT	N	TZ	TY
6-1	790586.6	878.8	-43557.8	-2377.9	-11.6	1693.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1361.9	0.0	55.3	1365.2
6-1	si	13	Tz	-1358.1	-72.7	0.0	1364.0
6-1	si	5	Ty	-24.3	0.0	-90.2	158.2
6-1	si	15	Si	-1361.5	72.1	0.0	1367.2

----- VERIFICA STABILITA` :

L0 = 156. |  
 Z |Lc = 156. |Ro = 9.06 |Im = 17.2 |Ncr= 6301059.1 |alfa(a)=0.2100 |ki=0.9944 |  
 Y |Lc = 156. |Ro = 6.01 |Im = 26.0 |Ncr= 2775078.4 |alfa(a)=0.2100 |ki=0.9680 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -2377.9 |Mzeq = 790586.6 |Myeq = -703.2 |Ss = -1362.8 ( 0.403)

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----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	754988.6	664.4	-32762.5	-2471.3	22.8	-1183.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1302.4	0.0	41.6	1304.3
6-1	si	13	Tz	-1299.5	54.1	0.0	1302.9
6-1	si	5	Ty	-25.9	0.0	66.0	117.2
6-1	si	15	Si	-1302.1	-52.9	0.0	1305.3

----- SOLLECITAZIONI : 20.

Caso	MZ	MY	MT	N	TZ	TY
6-1	731711.5	220.0	-32762.5	-2471.6	22.8	-1201.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1262.1	0.0	41.6	1264.1
6-1	si	13	Tz	-1261.1	54.3	0.0	1264.6
6-1	si	5	Ty	-26.9	0.0	66.4	118.1
6-1	si	15	Si	-1262.0	-53.1	0.0	1265.3

----- SOLLECITAZIONI : 39.



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	708083.6	-224.5	-32762.5	-2472.0	22.8	-1219.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-1222.2	0.0	41.6
6-1	si	13	Tz	-1222.2	54.5	0.0
6-1	si	5	Ty	-27.9	0.0	66.8

PROGR. 59.

Caso	MZ	MY	MT	N	TZ	TY
6-1	684105.0	-668.9	-32762.5	-2472.3	22.8	-1237.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-1182.8	0.0	41.6
6-1	si	13	Tz	-1182.6	54.7	0.0
6-1	si	5	Ty	-28.9	0.0	67.1

PROGR. 78.

Caso	MZ	MY	MT	N	TZ	TY
6-1	659775.8	-1113.3	-32762.5	-2472.7	22.8	-1255.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-1142.8	0.0	41.6
6-1	si	13	Tz	-1142.4	54.9	0.0
6-1	si	5	Ty	-30.0	0.0	67.5

PROGR. 98.

Caso	MZ	MY	MT	N	TZ	TY
6-1	635095.8	-1557.7	-32762.5	-2473.1	22.8	-1273.6
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-1102.2	0.0	41.6
6-1	si	13	Tz	-1101.6	55.0	0.0
6-1	si	5	Ty	-31.0	0.0	67.9

PROGR. 117.

Caso	MZ	MY	MT	N	TZ	TY
6-1	610065.2	-2002.2	-32762.5	-2473.4	22.8	-1291.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-1061.0	0.0	41.6
6-1	si	13	Tz	-1060.3	55.2	0.0
6-1	si	5	Ty	-32.0	0.0	68.2

PROGR. 137.

Caso	MZ	MY	MT	N	TZ	TY
6-1	584683.9	-2446.6	-32762.5	-2473.8	22.8	-1309.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-1019.2	0.0	41.6
6-1	si	13	Tz	-1018.3	55.4	0.0
6-1	si	5	Ty	-33.0	0.0	68.6

PROGR. 156.

Caso	MZ	MY	MT	N	TZ	TY
6-1	558951.9	-2891.0	-32762.5	-2474.1	22.8	-1327.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-976.8	0.0	41.6
6-1	si	13	Tz	-975.8	55.6	0.0
6-1	si	5	Ty	-34.1	0.0	69.0

## VERIFICA STABILITA` :

L0 = 156.  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6301059.0 | alfa(a) = 0.2100 | ki = 0.9944 |  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2775078.3 | alfa(a) = 0.2100 | ki = 0.9680 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -2474.1 | Mzeq = 754988.6 | Myeq = -2168.3 | Ss = -1307.3 ( 0.387 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 76- 2 ) 88  
 ----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	541052.8	-2869.2	-33862.4	-3504.5	-172.5	-3699.4
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	1	Sx	-958.0	0.0	43.0
6-1	si	14	Tz	868.2	-84.9	0.0
6-1	si	5	Ty	-45.4	0.0	119.4
6-1	si	13	Si	-957.0	75.8	0.0

PROGR. 19.

Caso	MZ	MY	MT	N	TZ	TY
6-1	472346.9	327.0	-33862.4	-3504.8	-172.5	-3716.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	2	Sx	-836.3	0.0	43.0
6-1	si	14	Tz	758.5	-85.1	0.0
6-1	si	5	Ty	-38.1	0.0	119.7
6-1	si	15	Si	-836.2	-85.1	0.0

PROGR. 37.

Caso	MZ	MY	MT	N	TZ	TY
6-1	403324.8	3523.2	-33862.4	-3505.1	-172.5	-3733.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Sy
6-1	si	2	Sx	-727.2	0.0	43.0
6-1	si	14	Tz	648.2	-85.3	0.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	5	Ty	-30.7	0.0	120.1	210.3
6-1	si	15	Si	-725.9	-85.3	0.0	740.8

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	333986.6	6719.3	-33862.4	-3505.5	-172.5	-3750.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-617.6	0.0	43.0	622.1
6-1	si	14	Tz	537.5	-85.5	0.0	557.5
6-1	si	5	Ty	-23.4	0.0	120.4	209.9
6-1	si	15	Si	-615.2	-85.5	0.0	632.7

----- PROGR. 74.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	264332.3	9915.5	-33862.4	-3505.8	-172.5	-3767.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-507.5	0.0	43.0	512.9
6-1	si	14	Tz	426.1	-85.6	0.0	451.2
6-1	si	5	Ty	-16.1	0.0	120.8	209.8
6-1	si	15	Si	-503.8	-85.6	0.0	525.2

----- PROGR. 93.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	194361.9	13111.7	-33862.4	-3506.2	-172.5	-3784.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-396.8	0.0	43.0	403.7
6-1	si	14	Tz	314.3	-85.8	0.0	347.7
6-1	si	5	Ty	-8.7	0.0	121.1	210.0
6-1	si	15	Si	-392.0	-85.8	0.0	419.2

----- PROGR. 111.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
12-14	194683.6	-4983.7	3913.9	997.3	-192.4	-678.2	
6-1	124075.3	16307.9	-33862.4	-3506.5	-172.5	-3801.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	350.9	0.0	5.0	351.0
6-1	si	14	Tz	201.9	-86.0	0.0	250.9
6-1	si	5	Ty	-1.4	0.0	121.5	210.4

----- PROGR. 130.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
12-13	184107.2	2395.3	3161.9	981.3	-147.6	-689.7	
6-1	53472.6	19504.1	-33862.4	-3506.8	-172.5	-3818.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	4	Sx	326.9	0.0	4.0	327.0
6-1	si	14	Tz	89.0	-86.1	0.0	173.7
6-1	si	5	Ty	6.0	0.0	121.8	211.1
12-13	si	14	Si	326.0	-14.9	0.0	327.0

----- PROGR. 148.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
12-3	-177020.2	6814.8	-18147.1	-2806.1	115.0	-1353.3	
6-1	-17446.1	22700.2	-33862.4	-3507.2	-172.5	-3835.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-3	si	3	Sx	-345.3	0.0	23.0	347.6
6-1	si	14	Tz	-24.5	-86.3	0.0	151.5
6-1	si	5	Ty	13.3	0.0	122.2	212.1
12-3	si	16	Si	-342.8	39.8	0.0	349.7

## VERIFICA STABILITA` :

L0 = 148.  
 Z |Lc = 148. |Ro = 9.06 |lm = 16.4 |Ncr= 6990172.8 |alfa(a)=0.2100 |ki=0.9969 |  
 Y |Lc = 148. |Ro = 6.01 |lm = 24.6 |Ncr= 3078574.1 |alfa(a)=0.2100 |ki=0.9722 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -3507.2 |Mzeq = 405789.6 |Myeq = 17025.2 |Ss = -763.9 ( 0.226)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 3- 91) 99  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-646077.0	-5729.8	-3371.8	-1829.4	-38.3	4233.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1123.2	0.0	4.3	1123.2
6-1	si	13	Tz	1058.4	-48.1	0.0	1061.7
6-1	si	5	Ty	-33.4	0.0	-91.7	162.4
6-1	si	14	Si	-1121.1	46.1	0.0	1123.9

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-563620.5	-4981.9	-3371.8	-1829.7	-38.3	4215.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-982.4	0.0	4.3	982.4
6-1	si	13	Tz	920.8	-47.9	0.0	924.5
6-1	si	5	Ty	-31.7	0.0	-91.4	161.4
6-1	si	14	Si	-980.6	45.9	0.0	983.8

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-481514.7	-4233.9	-3371.8	-1830.1	-38.3	4197.7
TENSIONI (Sz= 0.00) :						

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-842.2	0.0	4.3	842.2
6-1	si	13	Tz	783.7	-47.8	0.0	788.1
6-1	si	5	Ty	-30.0	0.0	-91.0	160.4
6-1	si	14	Si	-840.6	45.7	0.0	844.3

PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-399759.6	-3485.9	-3371.8	-1830.5	-38.3	4179.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-702.6	0.0	4.3	702.6
6-1	si	13	Tz	647.3	-47.6	0.0	652.5
6-1	si	5	Ty	-28.3	0.0	-90.6	159.5
6-1	si	14	Si	-701.3	45.5	0.0	705.7

PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-318355.3	-2737.9	-3371.8	-1830.8	-38.3	4161.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-563.5	0.0	4.3	563.6
6-1	si	13	Tz	511.4	-47.4	0.0	517.9
6-1	si	5	Ty	-26.6	0.0	-90.3	158.6
6-1	si	14	Si	-562.5	45.4	0.0	568.0

PROGR. 98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-237301.7	-1989.9	-3371.8	-1831.2	-38.3	4143.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-425.1	0.0	4.3	425.2
6-1	si	13	Tz	376.1	-47.2	0.0	384.9
6-1	si	5	Ty	-24.9	0.0	-89.9	157.7
6-1	si	14	Si	-424.4	45.2	0.0	431.5

PROGR. 117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-156598.9	-1242.0	-3371.8	-1831.5	-38.3	4125.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-287.3	0.0	4.3	287.4
6-1	si	13	Tz	241.4	-47.0	0.0	254.8
6-1	si	5	Ty	-23.2	0.0	-89.5	156.8
6-1	si	14	Si	-286.8	45.0	0.0	297.2

PROGR. 137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-7	-25350.7	-41467.5	-2765.7	-3844.0	-81.6	1027.4
6-1	-76246.8	-494.0	-3371.8	-1831.9	-38.3	4107.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-7	si	4	Sx	-180.6	0.0	3.5	180.7
6-1	si	13	Tz	107.4	-46.8	0.0	134.6
6-1	si	5	Ty	-21.4	0.0	-89.1	155.9

PROGR. 156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-7	-5366.9	-44833.0	-2765.7	-3844.2	-81.6	1013.6
6-1	3754.5	254.0	-3371.8	-1832.2	-38.3	4089.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-7	si	4	Sx	-154.7	0.0	3.5	154.8
6-1	si	13	Tz	-26.1	-46.7	0.0	84.9
6-1	si	5	Ty	-19.7	0.0	-88.8	155.0
11-7	si	11	Si	-153.8	0.0	-13.8	155.6

## VERIFICA STABILITA` :

L0 = 156. |  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6300075.0 | alfa(a) = 0.2100 | ki = 0.9944 |  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2774645.0 | alfa(a) = 0.2100 | ki = 0.9680 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -1832.2 | Mzeq = -484557.8 | Myeq = -4297.4 | Ss = -848.4 ( 0.251 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 91- 89 ) 100  
 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-7	-7140.8	-44991.9	5159.8	-3931.5	-55.4	478.1
6-1	-6948.9	-413.1	30226.2	-1909.4	6.1	1740.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-7	si	4	Sx	-159.0	0.0	6.5	159.4
6-1	si	14	Tz	-33.7	56.1	0.0	102.9
6-1	si	5	Ty	-22.1	0.0	-74.3	130.6

PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	5667.0	-42780.7	8237.3	-3824.3	-51.3	491.5
6-1	26844.0	-532.2	30226.2	-1909.7	6.1	1722.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-150.2	0.0	10.5	151.3
6-1	si	14	Tz	23.1	55.9	0.0	99.6
6-1	si	5	Ty	-22.4	0.0	-73.9	130.0
11-5	si	9	Si	-149.3	0.0	-17.6	152.4

PROGR. 39.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
11- 5	15187.0	-42291.5	8237.3	-3824.6	-51.3	477.7
6- 1	60286.1	-651.4	30226.2	-1910.1	6.1	1704.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-165.2	0.0	10.5	166.2
6- 1	si	14	Tz	79.3	55.7	0.0	124.9
6- 1	si	5	Ty	-22.7	0.0	-73.6	129.4

PROGR. 59.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	93377.4	-770.5	30226.2	-1910.4	6.1	1686.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-180.4	0.0	38.3	192.3
6- 1	si	14	Tz	134.8	55.6	0.0	165.7
6- 1	si	5	Ty	-22.9	0.0	-73.2	128.8
6- 1	si	13	Si	-180.2	-55.2	0.0	204.0

PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	126118.0	-889.6	30226.2	-1910.8	6.1	1668.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-235.9	0.0	38.3	245.1
6- 1	si	14	Tz	189.8	55.4	0.0	212.7
6- 1	si	5	Ty	-23.2	0.0	-72.8	128.2
6- 1	si	13	Si	-235.6	-55.1	0.0	254.2

PROGR. 98.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	158507.9	-1008.8	30226.2	-1911.1	6.1	1650.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-290.9	0.0	38.3	298.3
6- 1	si	14	Tz	244.2	55.2	0.0	262.3
6- 1	si	5	Ty	-23.5	0.0	-72.4	127.7
6- 1	si	13	Si	-290.5	-54.9	0.0	305.6

PROGR. 117.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	190547.0	-1127.9	30226.2	-1911.5	6.1	1632.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-345.2	0.0	38.3	351.5
6- 1	si	14	Tz	298.0	55.0	0.0	312.9
6- 1	si	5	Ty	-23.8	0.0	-72.1	127.1
6- 1	si	13	Si	-344.8	-54.7	0.0	357.5

PROGR. 137.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	222235.3	-1247.0	30226.2	-1911.9	6.1	1614.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-398.9	0.0	38.3	404.4
6- 1	si	14	Tz	351.3	54.8	0.0	363.9
6- 1	si	5	Ty	-24.1	0.0	-71.7	126.5
6- 1	si	13	Si	-398.4	-54.5	0.0	409.5

PROGR. 156.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	253572.9	-1366.2	30226.2	-1912.2	6.1	1596.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-452.0	0.0	38.3	456.9
6- 1	si	14	Tz	403.9	54.7	0.0	414.8
6- 1	si	5	Ty	-24.3	0.0	-71.3	125.9
6- 1	si	13	Si	-451.5	-54.3	0.0	461.2

VERIFICA STABILITA` :

L0 = 156. |  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.2 |Ncr= 6300075.0 |alfa(a)=0.2100 |ki=0.9944 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2774645.0 |alfa(a)=0.2100 |ki=0.9680 |  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -1912.2 |Mzeq = 190179.7 |Myeq = -1156.5 |Ss = -345.4 ( 0.102)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 89- 87) 101  
 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	212218.4	-703.3	-3157.6	-1975.8	10.2	-279.6
12-12	46820.9	9042.3	-6580.5	-41.4	-75.9	-111.6
12-10	46055.9	-10907.4	-7164.8	-1834.0	-0.3	-117.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-381.5	0.0	4.0	381.5
12-12	si	14	Tz	96.0	-11.5	0.0	98.0
12-10	si	5	Ty	-45.4	0.0	11.5	49.6

PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	206586.1	-902.7	-3157.6	-1976.2	10.2	-297.6
12-12	44504.4	8197.5	-6580.5	-41.7	-75.9	-125.4
12-10	43629.4	-10813.8	-7164.8	-1834.3	-0.3	-131.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-372.4	0.0	4.0	372.5
12-12	si	14	Tz	90.4	-11.6	0.0	92.6

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

| 12-10 | si | 5 | Ty | -45.2 | 0.0 | 11.8 | 49.6 |  
-----  
39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	200603.1	-1102.1	-3157.6	-1976.5	10.2	-315.5
12-12	41918.9	7755.8	-6580.5	-41.9	-75.9	-139.3
12-10	40932.3	-10388.7	-7164.8	-1834.6	-0.3	-145.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-362.8	0.0	4.0	362.9
12-12	si	14	Tz		85.2	-11.8	0.0	87.6
12-10	si	5	Ty		-44.2	0.0	12.1	48.9

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PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	194269.4	-1301.5	-3157.6	-1976.9	10.2	-333.5
12-12	39064.0	7694.5	-6580.5	-42.2	-75.9	-153.1
12-10	37964.8	-9665.9	-7164.8	-1834.8	-0.3	-159.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-352.6	0.0	4.0	352.6
12-12	si	14	Tz		80.3	-11.9	0.0	82.9
12-10	si	5	Ty		-42.5	0.0	12.4	47.6

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PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	187584.8	-1500.9	-3157.6	-1977.3	10.2	-351.5
12-12	35939.6	7873.1	-6580.5	-42.5	-75.9	-166.9
12-10	34727.2	-8797.2	-7164.8	-1835.1	-0.3	-172.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-341.8	0.0	4.0	341.8
12-12	si	14	Tz		75.3	-12.0	0.0	78.2
12-10	si	5	Ty		-40.6	0.0	12.7	46.1

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PROGR. 98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	180549.6	-1700.3	-3157.6	-1977.6	10.2	-369.4
12-12	32545.7	8197.6	-6580.5	-42.8	-75.9	-180.7
12-10	31219.4	-7888.9	-7164.8	-1835.4	-0.3	-186.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-330.4	0.0	4.0	330.4
12-12	si	14	Tz		70.2	-12.2	0.0	73.3
12-10	si	5	Ty		-38.5	0.0	12.9	44.5

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PROGR. 117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	173163.6	-1899.7	-3157.6	-1978.0	10.2	-387.4
12-12	28882.3	8627.9	-6580.5	-43.0	-75.9	-194.6
12-10	27441.6	-6993.0	-7164.8	-1835.7	-0.3	-200.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-318.4	0.0	4.0	318.4
12-12	si	14	Tz		64.9	-12.3	0.0	68.3
12-10	si	5	Ty		-36.4	0.0	13.2	43.0

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PROGR. 137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	165426.8	-2099.1	-3157.6	-1978.3	10.2	-405.4
12-12	24949.1	9148.2	-6580.5	-43.3	-75.9	-208.4
12-10	23393.8	-6136.1	-7164.8	-1835.9	-0.3	-214.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-305.8	0.0	4.0	305.9
12-12	si	14	Tz		59.3	-12.5	0.0	63.1
12-10	si	5	Ty		-34.4	0.0	13.5	41.6

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PROGR. 156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	157339.4	-2298.5	-3157.6	-1978.7	10.2	-423.3
12-12	20746.3	9752.6	-6580.5	-43.6	-75.9	-222.2
12-10	19076.1	-5332.7	-7164.8	-1836.2	-0.3	-228.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-292.6	0.0	4.0	292.7
12-12	si	14	Tz		53.3	-12.6	0.0	57.6
12-10	si	5	Ty		-32.6	0.0	13.8	40.4

## VERIFICA STABILITA` :

| L0 = 156. |  
Z | Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6300075.0 | alfa(a) = 0.2100 | ki = 0.9944 |  
Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2774645.0 | alfa(a) = 0.2100 | ki = 0.9680 |  
Caso 6-1 - Nodo 1 - Asse Y  
Ned = -1978.7 | Mzeq = 212218.4 | Myeq = -1951.2 | Ss = -385.2 ( 0.114 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 87- 85 ) 102  
-----  
PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	189816.8	30.6	-120457.6	-2032.8	8.3	-1888.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx		-342.8	0.0	152.8	433.1
6-1	si	13	Tz	Si	-342.6	172.1	0.0	454.2
6-1	si	5	Ty		-22.5	0.0	191.8	333.0

-----  
PROGR. 20.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6- 1	152790.7	-131.7	-120457.6	-2033.2	8.3	-1906.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-280.5	0.0	152.8	385.7
6- 1	si	13	Tz	-280.5	172.3	0.0	409.6
6- 1	si	5	Ty	-22.8	0.0	192.2	333.7

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	115413.7	-293.9	-120457.6	-2033.5	8.3	-1924.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-217.9	0.0	152.8	342.8
6- 1	si	13	Tz	-217.8	172.5	0.0	369.7
6- 1	si	5	Ty	-23.2	0.0	192.6	334.3

----- PROGR. 59.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	26925.1	-29303.7	-30528.3	-4380.0	-121.7	-469.9
6- 1	77686.0	-456.2	-120457.6	-2033.9	8.3	-1942.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-161.3	0.0	38.7	174.7
6- 1	si	13	Tz	-154.5	172.7	0.0	336.6
6- 1	si	5	Ty	-23.6	0.0	192.9	335.0
6- 1	si	9	Si	-142.0	0.0	176.4	336.9

----- PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-14	25112.9	-28335.7	-28638.9	2086.8	119.2	-441.9
6- 1	39607.6	-618.4	-120457.6	-2034.3	8.3	-1959.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-14	si	3	Sx	130.6	0.0	36.3	145.0
6- 1	si	13	Tz	-90.5	172.9	0.0	312.8
6- 1	si	5	TySi	-24.0	0.0	193.3	335.7

----- PROGR. 98.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	-10877.4	27214.9	-32659.7	-3149.3	-115.2	-597.0
6- 1	1178.4	-780.6	-120457.6	-2034.6	8.3	-1977.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	3	Sx	-115.8	0.0	41.4	136.2
6- 1	si	13	Tz	-26.0	173.0	0.0	300.8
6- 1	si	5	TySi	-24.3	0.0	193.7	336.3

----- PROGR. 117.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	-22655.6	26673.0	-32659.7	-3149.5	-115.2	-610.8
6- 1	-37601.5	-942.9	-120457.6	-2035.0	8.3	-1995.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	3	Sx	-134.4	0.0	41.4	152.4
6- 1	si	13	Tz	39.1	173.2	0.0	302.6
6- 1	si	5	TySi	-24.7	0.0	194.0	337.0

----- PROGR. 137.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-76732.1	-1105.1	-120457.6	-2035.3	8.3	-2013.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-154.5	0.0	152.8	306.5
6- 1	si	13	Tz	104.7	173.4	0.0	318.1
6- 1	si	5	Ty	-25.1	0.0	194.4	337.7
6- 1	si	11	Si	-142.1	0.0	176.9	337.7

----- PROGR. 156.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-116213.5	-1267.4	-120457.6	-2035.7	8.3	-2031.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-221.5	0.0	152.8	345.1
6- 1	si	13	Tz	171.0	173.6	0.0	345.9
6- 1	si	5	Ty	-25.5	0.0	194.8	338.3
6- 1	si	14	Si	-221.0	-173.1	0.0	372.6

----- PROGR. 156.

VERIFICA STABILITA` :

L0 = 156. |  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6300075.0 | alfa(a) = 0.2100 | ki = 0.9944 |  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2774645.0 | alfa(a) = 0.2100 | ki = 0.9680 |  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -2035.7 | Mzeq = 142362.6 | Myeq = -950.5 | Ss = -265.7 ( 0.079 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 85- 83 ) 103  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	14694.1	25034.7	-33851.2	-3648.4	-155.8	-1126.1
6- 1	25832.2	-1069.8	-130405.7	-2119.5	-7.0	-4620.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-122.7	0.0	42.9	143.5
6- 1	si	14	Tz	18.0	-212.4	0.0	368.3
6- 1	si	5	TySi	-25.9	0.0	260.9	452.6

----- PROGR. 20.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
11- 3	-34498.7	26406.1	-33512.5	-3183.1	-133.1	-1315.6
6- 1	-64518.9	-932.7	-130405.7	-2119.8	-7.0	-4638.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	3	Sx	-154.1	0.0	42.5	170.8
6- 1	si	14	Tz	-134.1	-212.5	0.0	391.8
6- 1	si	5	Ty	-25.6	0.0	261.3	453.2

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-155220.7	-795.7	-130405.7	-2120.2	-7.0	-4656.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-287.1	0.0	165.4	405.7
6- 1	si	14	Tz	-286.8	-212.7	0.0	466.9
6- 1	si	5	Ty	-25.3	0.0	261.6	453.8

PROGR. 59.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-246273.3	-658.6	-130405.7	-2120.5	-7.0	-4674.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-440.4	0.0	165.4	525.4
6- 1	si	14	Tz	-440.2	-212.9	0.0	574.2
6- 1	si	5	Ty	-25.0	0.0	262.0	454.5

PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-337676.6	-521.6	-130405.7	-2120.9	-7.0	-4692.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-594.3	0.0	165.4	659.7
6- 1	si	14	Tz	-594.1	-213.1	0.0	699.4
6- 1	si	5	Ty	-24.7	0.0	262.4	455.1

PROGR. 98.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-429430.6	-384.5	-130405.7	-2121.3	-7.0	-4710.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-748.7	0.0	165.4	801.7
6- 1	si	14	Tz	-748.6	-213.3	0.0	834.8
6- 1	si	5	Ty	-24.4	0.0	262.7	455.7

PROGR. 117.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-521535.4	-247.4	-130405.7	-2121.6	-7.0	-4728.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-903.8	0.0	165.4	948.1
6- 1	si	14	Tz	-903.7	-213.5	0.0	976.4
6- 1	si	5	Ty	-24.1	0.0	263.1	456.3

PROGR. 137.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-613991.0	-110.4	-130405.7	-2122.0	-7.0	-4746.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1059.4	0.0	165.4	1097.5
6- 1	si	14	Tz	-1059.3	-213.6	0.0	1122.1
6- 1	si	5	Ty	-23.8	0.0	263.5	457.0

PROGR. 156.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-706797.3	26.7	-130405.7	-2122.3	-7.0	-4763.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-1215.7	0.0	165.4	1249.0
6- 1	si	14	Tz	-1215.6	-213.8	0.0	1270.8
6- 1	si	5	Ty	-23.5	0.0	263.8	457.6

VERIFICA STABILITA` :

L0 = 156.  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6300075.0 | alfa(a) = 0.2100 | ki = 0.9944  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2774645.0 | alfa(a) = 0.2100 | ki = 0.9680  
 Caso 6- 1 - Nodo 4 - Asse Y  
 Ned = -2122.3 | Mzeq = -530098.0 | Myeq = -802.3 | Ss = -920.6 ( 0.272)

CASSONE\_s005 ( 5) stato limite ultimo - ASTA ( 83- 230) 104  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-592283.8	-2240.6	-16221.8	-2251.1	-0.3	-8623.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1029.1	0.0	20.6	1029.7
6- 1	si	14	Tz	-1028.3	-107.8	0.0	1045.1
6- 1	si	5	Ty	-30.1	0.0	198.7	345.5

PROGR. 3.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-620316.1	-2239.6	-16221.8	-2251.1	-0.3	-8626.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1076.4	0.0	20.6	1077.0
6- 1	si	14	Tz	-1075.6	-107.9	0.0	1091.7
6- 1	si	5	Ty	-30.1	0.0	198.8	345.6

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

----- SOLLECITAZIONI : PROGR. 7.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-648358.0	-2238.5	-16221.8	-2251.2	-0.3	-8629.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1123.7	0.0	20.6	1124.2
6- 1	si	14	Tz	-1122.9	-107.9	0.0	1138.3
6- 1	si	5	Ty	-30.1	0.0	198.9	345.7

----- SOLLECITAZIONI : PROGR. 10.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-676409.7	-2237.4	-16221.8	-2251.2	-0.3	-8632.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1171.0	0.0	20.6	1171.5
6- 1	si	14	Tz	-1170.2	-107.9	0.0	1185.0
6- 1	si	5	Ty	-30.1	0.0	198.9	345.8

----- SOLLECITAZIONI : PROGR. 13.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-704471.1	-2236.3	-16221.8	-2251.3	-0.3	-8635.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1218.3	0.0	20.6	1218.8
6- 1	si	14	Tz	-1217.5	-107.9	0.0	1231.8
6- 1	si	5	Ty	-30.1	0.0	199.0	345.9

----- SOLLECITAZIONI : PROGR. 16.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-732542.2	-2235.2	-16221.8	-2251.4	-0.3	-8638.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1265.7	0.0	20.6	1266.2
6- 1	si	14	Tz	-1264.8	-108.0	0.0	1278.6
6- 1	si	5	Ty	-30.1	0.0	199.0	346.1

----- SOLLECITAZIONI : PROGR. 20.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-760623.1	-2234.2	-16221.8	-2251.4	-0.3	-8641.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1313.0	0.0	20.6	1313.5
6- 1	si	14	Tz	-1312.2	-108.0	0.0	1325.5
6- 1	si	5	Ty	-30.1	0.0	199.1	346.2

----- SOLLECITAZIONI : PROGR. 23.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-788713.6	-2233.1	-16221.8	-2251.5	-0.3	-8644.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1360.4	0.0	20.6	1360.9
6- 1	si	14	Tz	-1359.6	-108.0	0.0	1372.4
6- 1	si	5	Ty	-30.1	0.0	199.2	346.3

----- SOLLECITAZIONI : PROGR. 26.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-816813.9	-2232.0	-16221.8	-2251.5	-0.3	-8647.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1407.8	0.0	20.6	1408.3
6- 1	si	14	Tz	-1407.0	-108.1	0.0	1419.4
6- 1	si	5	Ty	-30.1	0.0	199.2	346.4

----- VERIFICA STABILITA` :

L0 = 26.  
 Z | Lc = 26. | Ro = 9.06 | lm = 2.9 | Ncr=227218759.3 | alfa(a)=0.2100 | ki=1.0000 |  
 Y | Lc = 26. | Ro = 6.01 | lm = 4.3 | Ncr=100070457.4 | alfa(a)=0.2100 | ki=1.0000 |  
 Caso 6- 1 - Nodo 4 - Asse Y  
 Ned = -2251.5 | Mzeq = -816813.9 | Myeq = -2240.6 | Ss = -1407.8 ( 0.416)

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----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY
11- 2	23818.1	67848.5	11708.9	-5114.4	-107.6	776.7
6- 1	88377.4	-317.1	52072.6	-2235.9	-6.8	3288.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-252.8	0.0	14.9	254.1
6- 1	si	13	Tz	-174.5	-99.5	0.0	245.2
6- 1	si	5	Ty	-25.5	0.0	-134.0	233.5

----- SOLLECITAZIONI : PROGR. 20.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	152381.2	-184.2	52072.6	-2236.3	-6.8	3270.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-282.2	0.0	66.1	304.5
6- 1	si	13	Tz	-282.2	-99.3	0.0	330.5
6- 1	si	5	Ty	-25.2	0.0	-133.6	232.8

----- SOLLECITAZIONI : PROGR. 39.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	216034.2	-51.2	52072.6	-2236.6	-6.8	3252.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-389.3	0.0	66.1	405.8



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6-1	si	13	Tz	Si	-389.3	-99.1	0.0	425.5
6-1	si	5	Ty		-24.9	0.0	-133.2	232.1

----- PROGR. 59.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		279336.5		81.7	52072.6	-2237.0	-6.8	3234.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-496.1	0.0	66.1	509.2	
6-1	si	13	Tz	-495.8	-99.0	0.0	524.6	
6-1	si	5	Ty	-24.6	0.0	-132.9	231.5	
6-1	si	15	Si	-496.1	98.6	0.0	524.7	

----- PROGR. 78.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		342288.0		214.6	52072.6	-2237.3	-6.8	3216.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-602.6	0.0	66.1	613.4	
6-1	si	13	Tz	-601.7	-98.8	0.0	625.6	
6-1	si	5	Ty	-24.3	0.0	-132.5	230.8	
6-1	si	15	Si	-602.5	98.4	0.0	626.2	

----- PROGR. 98.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		404888.8		347.5	52072.6	-2237.7	-6.8	3198.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-708.5	0.0	66.1	717.7	
6-1	si	13	Tz	-707.1	-98.6	0.0	727.4	
6-1	si	5	Ty	-24.0	0.0	-132.1	230.1	
6-1	si	15	Si	-708.4	98.2	0.0	728.5	

----- PROGR. 117.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		467138.9		480.4	52072.6	-2238.1	-6.8	3180.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-813.8	0.0	66.1	821.8	
6-1	si	13	Tz	-811.8	-98.4	0.0	829.5	
6-1	si	5	Ty	-23.7	0.0	-131.8	229.4	
6-1	si	15	Si	-813.7	98.1	0.0	831.2	

----- PROGR. 137.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		529038.2		613.3	52072.6	-2238.4	-6.8	3162.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-918.5	0.0	66.1	925.6	
6-1	si	13	Tz	-916.0	-98.2	0.0	931.6	
6-1	si	5	Ty	-23.4	0.0	-131.4	228.8	
6-1	si	15	Si	-918.3	97.9	0.0	933.8	

----- PROGR. 156.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		590586.7		746.2	52072.6	-2238.8	-6.8	3144.5
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-1022.7	0.0	66.1	1029.0	
6-1	si	13	Tz	-1019.5	-98.1	0.0	1033.6	
6-1	si	5	Ty	-23.1	0.0	-131.0	228.1	
6-1	si	15	Si	-1022.4	97.7	0.0	1036.3	

## VERIFICA STABILITA` :

$L0 = 156.$   
 $Z \begin{cases} Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6300075.0 | \alpha(a) = 0.2100 | ki = 0.9944 \\ Y \begin{cases} Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2774645.0 | \alpha(a) = 0.2100 | ki = 0.9680 \end{cases} \end{cases}$   
 Caso 6-1 - Nodo 2 - Asse Y  
 $Ned = -2238.8 | Mzeq = 443758.5 | Myeq = 559.7 | Ss = -775.7 ( 0.229)$

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----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		533441.4		307.0	74193.0	-2378.1	-48.1	104.7
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-926.8	0.0	94.1	941.0	
6-1	si	13	Tz	-925.5	-96.5	0.0	940.5	
6-1	si	9	Ty	-839.0	0.0	-96.5	855.5	

----- PROGR. 20.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		535310.5		1246.6	74193.0	-2378.4	-48.1	86.8
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-932.1	0.0	94.1	946.3	
6-1	si	13	Tz	-926.9	-96.3	0.0	941.7	
6-1	si	9	Ty	-839.7	0.0	-96.3	856.1	

----- PROGR. 39.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6-1		536828.8		2186.2	74193.0	-2378.8	-48.1	68.8
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-936.9	0.0	94.1	950.9	
6-1	si	13	Tz	-927.6	-96.1	0.0	942.4	
6-1	si	9	Ty	-839.9	0.0	-96.1	856.2	

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----- SOLLECITAZIONI : 59.

Caso	MZ	MY	MT	N	TZ	TY
6-1	537996.4	3125.8	74193.0	-2379.1	-48.1	50.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-941.0	0.0	94.1	955.0
6-1	si	13	Tz		-927.8	-95.9	0.0	942.5
6-1	si	9	Ty		-839.5	0.0	-95.9	855.8

----- SOLLECITAZIONI : 78.

Caso	MZ	MY	MT	N	TZ	TY
6-1	538813.2	4065.3	74193.0	-2379.5	-48.1	32.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-944.5	0.0	94.1	958.5
6-1	si	13	Tz		-927.3	-95.7	0.0	942.0
6-1	si	9	Ty		-838.6	0.0	-95.7	854.8

----- SOLLECITAZIONI : 98.

Caso	MZ	MY	MT	N	TZ	TY
6-1	539279.3	5004.9	74193.0	-2379.8	-48.1	14.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-947.5	0.0	94.1	961.4
6-1	si	7	Tz		-936.0	-95.7	0.0	950.5
6-1	si	9	Ty		-837.2	0.0	-95.5	853.3

----- SOLLECITAZIONI : 117.

Caso	MZ	MY	MT	N	TZ	TY
6-1	539394.7	5944.5	74193.0	-2380.2	-48.1	-3.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-949.8	0.0	94.1	963.7
6-1	si	7	Tz		-936.2	-95.7	0.0	950.7
6-1	si	10	Ty		-862.5	0.0	95.3	878.1

----- SOLLECITAZIONI : 137.

Caso	MZ	MY	MT	N	TZ	TY
6-1	539159.3	6884.1	74193.0	-2380.5	-48.1	-21.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-951.6	0.0	94.1	965.5
6-1	si	7	Tz		-935.8	-95.7	0.0	950.3
6-1	si	10	Ty		-864.3	0.0	95.5	880.0

----- SOLLECITAZIONI : 156.

Caso	MZ	MY	MT	N	TZ	TY
6-1	538573.1	7823.6	74193.0	-2380.9	-48.1	-39.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-952.8	0.0	94.1	966.6
6-1	si	14	Tz		897.1	-95.8	0.0	912.3
6-1	si	10	Ty		-865.6	0.0	95.7	881.3

----- VERIFICA STABILITA` :

L0 = 156.  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.2 | Ncr = 6300074.9 | alfa(a) = 0.2100 | ki = 0.9944 |  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2774644.9 | alfa(a) = 0.2100 | ki = 0.9680 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -2380.9 | Mzeq = 539394.7 | Myeq = 5867.7 | Ss = -950.9 ( 0.281 )

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----- SOLLECITAZIONI : 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	469381.6	7658.3	82516.3	-2414.4	234.6	-2435.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx		-836.1	0.0	104.7	855.5
6-1	si	13	Tz		-803.7	135.5	0.0	837.3
6-1	si	5	Ty		-9.2	0.0	155.0	268.6
6-1	si	15	Si		-833.2	-123.1	0.0	860.1

----- SOLLECITAZIONI : 19.

Caso	MZ	MY	MT	N	TZ	TY
6-1	424083.3	3311.0	82516.3	-2414.7	234.6	-2453.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx		-749.7	0.0	104.7	771.3
6-1	si	13	Tz		-735.7	135.7	0.0	772.3
6-1	si	5	Ty		-19.2	0.0	155.4	269.8
6-1	si	15	Si		-748.5	-123.3	0.0	778.3

----- SOLLECITAZIONI : 37.

Caso	MZ	MY	MT	N	TZ	TY
6-1	378468.8	-1036.2	82516.3	-2415.0	234.6	-2470.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		-667.5	0.0	104.7	691.7
6-1	si	13	Tz		-667.1	135.9	0.0	707.4
6-1	si	5	Ty		-29.1	0.0	155.7	271.3

----- SOLLECITAZIONI : 56.

Caso	MZ	MY	MT	N	TZ	TY
6-1	332538.2	-5383.5	82516.3	-2415.4	234.6	-2487.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		-667.5	0.0	104.7	691.7
6-1	si	13	Tz		-667.1	135.9	0.0	707.4
6-1	si	5	Ty		-29.1	0.0	155.7	271.3

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6- 1	si	1	Sx	-600.0	0.0	104.7	626.8
6- 1	si	13	Tz	-598.1	136.0	0.0	642.8
6- 1	si	5	Ty	-39.1	0.0	156.1	273.1

----- PROGR. 74.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	254405.0	-47527.9	19949.0	1632.3	-333.8	-148.0
6- 1	286291.4	-9730.8	82516.3	-2415.7	234.6	-2504.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx	556.4	0.0	25.3	558.1
6- 1	si	13	Tz	-528.4	136.2	0.0	578.7
6- 1	si	5	Ty	-49.1	0.0	156.4	275.3

----- PROGR. 93.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	251542.0	-41476.4	19949.0	1632.0	-333.8	-161.1
6- 1	239728.4	-14078.1	82516.3	-2416.0	234.6	-2521.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx	537.7	0.0	25.3	539.5
6- 1	si	13	Tz	-458.3	136.4	0.0	515.6
6- 1	si	5	Ty	-59.1	0.0	156.8	277.9

----- PROGR. 111.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	248435.8	-35521.0	19949.0	1631.8	-333.8	-174.2
6- 1	192849.3	-18425.4	82516.3	-2416.4	234.6	-2538.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	3	Sx	518.7	0.0	25.3	520.6
6- 1	si	13	Tz	-387.6	136.6	0.0	454.1
6- 1	si	5	Ty	-69.1	0.0	157.1	280.8

----- PROGR. 130.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	259946.0	-21626.3	16640.8	1761.1	-104.6	-143.7
6- 1	145654.0	-22772.7	82516.3	-2416.7	234.6	-2555.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	3	Sx	507.7	0.0	21.1	509.0
6- 1	si	13	Tz	-316.4	136.7	0.0	395.2
6- 1	si	5	Ty	-79.1	0.0	157.5	284.0

----- PROGR. 148.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	257161.3	-18611.9	16640.8	1760.9	-104.6	-156.8
6- 1	98142.5	-27120.0	82516.3	-2417.1	234.6	-2572.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	3	Sx	496.0	0.0	21.1	497.4
6- 1	si	13	Tz	-244.7	136.9	0.0	340.7
6- 1	si	5	Ty	-89.1	0.0	157.8	287.5

## VERIFICA STABILITA` :

L0 = 148.  
 Z |Lc = 148. |Ro = 9.06 |lm = 16.4 |Ncr= 6989081.2 |alfa(a)=0.2100 |ki=0.9969 |  
 Y |Lc = 148. |Ro = 6.01 |lm = 24.7 |Ncr= 3078093.3 |alfa(a)=0.2100 |ki=0.9722 |  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -2417.1 |Mzeq = 371082.8 |Myeq = -20340.0 |Ss = -700.5 ( 0.207)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	-368129.6	-11077.5	12935.8	-4314.7	-51.6	1473.0
11-10	155507.5	26525.1	-19605.3	229.3	397.3	-1317.2
12- 7	342910.6	-15208.1	-13150.0	3634.1	-151.4	-2306.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-694.2	0.0	16.4	694.8
11-10	si	13	Tz	-208.6	48.7	0.0	225.0
12- 7	si	5	Ty	5.3	0.0	64.3	111.6

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	-339484.0	-11557.5	12935.8	-4314.4	-51.6	1459.2
11-10	129636.2	23855.3	-19605.3	229.7	397.3	-1331.1
12- 7	297704.5	-10762.7	-13150.0	3634.4	-151.4	-2320.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-647.0	0.0	16.4	647.6
11-10	si	13	Tz	-170.1	48.8	0.0	189.9
12- 7	si	5	Ty	15.5	0.0	64.6	113.0

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	-311108.8	-12591.2	12935.8	-4314.0	-51.6	1445.4
11-10	103494.8	23197.8	-19605.3	230.0	397.3	-1344.9
12- 7	252228.1	-5763.4	-13150.0	3634.8	-151.4	-2334.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-601.5	0.0	16.4	602.2
11-10	si	13	Tz	-127.2	49.0	0.0	152.9
12- 7	si	5	Ty	27.0	0.0	64.9	115.6

----- PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-10	-283004.1	8034.3	12935.8	-4313.7	-51.6	1431.5
11-10	77083.4	-48737.9	-19605.3	230.4	397.3	-1358.7
12- 7	206481.5	-22423.4	-13150.0	3635.2	-151.4	-2348.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	3	Sx	Si	-543.6	0.0	16.4	544.3
11-10	si	13	Tz		-221.5	49.1	0.0	237.3
12- 7	si	5	Ty		-11.2	0.0	65.2	113.5

PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-237863.2	-18062.9	4828.7	-4764.4	245.9	1258.0
11-10	50402.1	-48766.7	-19605.3	230.7	397.3	-1372.6
12- 7	160464.6	-15876.3	-13150.0	3635.5	-151.4	-2362.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	4	Sx	Si	-495.5	0.0	6.1	495.6
11-10	si	13	Tz		-176.6	49.3	0.0	196.1
12- 7	si	5	Ty		3.8	0.0	65.5	113.5

PROGR. 98.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	-208552.7	-24720.1	2659.7	-4723.5	287.1	1184.0
11-10	23451.2	-51426.3	-19605.3	231.1	397.3	-1386.4
12- 7	114177.7	-11817.6	-13150.0	3635.9	-151.4	-2376.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-11	si	4	Sx	Si	-460.9	0.0	3.4	461.0
11-10	si	13	Tz		-136.3	49.4	0.0	160.9
12- 7	si	5	Ty		13.1	0.0	65.8	114.7

PROGR. 117.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-251614.7	-5653.6	-3399.0	-1243.1	-442.6	-1923.0
11-10	-3768.6	-55493.4	-19605.3	231.4	397.3	-1400.3
12- 7	67620.9	-7848.6	-13150.0	3636.2	-151.4	-2389.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-451.2	0.0	4.3	451.2
11-10	si	13	Tz		-98.2	49.5	0.0	130.4
12- 7	si	5	Ty		22.3	0.0	66.1	116.5
6- 1	si	14	Si		-449.1	-35.5	0.0	453.3

PROGR. 137.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-289364.0	2994.8	-3399.0	-1242.7	-442.6	-1941.0
11-10	-31255.5	-60582.3	-19605.3	231.8	397.3	-1414.1
12- 7	20794.7	-4131.0	-13150.0	3636.6	-151.4	-2403.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-508.7	0.0	4.3	508.8
11-10	si	13	Tz		-61.7	49.7	0.0	105.8
12- 7	si	5	Ty		30.8	0.0	66.3	119.0

PROGR. 156.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-327464.6	11643.2	-3399.0	-1242.2	-442.6	-1959.0
11-10	-59003.4	-66366.3	-19605.3	232.1	397.3	-1427.9
12- 7	-26298.8	-603.3	-13150.0	3636.9	-151.4	-2417.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-592.9	0.0	4.3	592.9
11-10	si	13	Tz		-26.0	49.8	0.0	90.1
12- 7	si	5	Ty		38.9	0.0	66.6	121.8

VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.2 |Ncr= 6286723.5 |alfa(a)=0.2100 |ki=0.9943 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2768764.8 |alfa(a)=0.2100 |ki=0.9679 |  
 Caso12-12 - Nodo 4 - Asse Y  
 Ned = -4765.8 |Mzeq = -310158.2 |Myeq = -24402.5 |Ss = -634.3 ( 0.188)

CASSONE\_s005 ( 5) stato limite ultimo - ASTA ( 92- 227) 109  
 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-333444.0	13036.0	51218.0	-1308.3	102.4	-4753.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-606.9	0.0	65.0	617.2
6- 1	si	13	Tz		573.1	115.8	0.0	607.2
6- 1	si	5	Ty		15.5	0.0	163.2	283.0
6- 1	si	16	Si		-602.1	115.8	0.0	634.6

PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-379923.6	12035.5	51218.0	-1308.0	102.4	-4762.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-683.0	0.0	65.0	692.2
6- 1	si	13	Tz		649.6	115.9	0.0	679.8
6- 1	si	5	Ty		13.2	0.0	163.4	283.2
6- 1	si	16	Si		-678.5	115.9	0.0	707.6

PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-426491.1	11035.1	51218.0	-1307.8	102.4	-4771.2

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-759.2	0.0	65.0	767.5
6-1	si	13	Tz	726.2	115.9	0.0	753.4
6-1	si	5	Ty	10.9	0.0	163.5	283.5
6-1	si	16	Si	-755.2	115.9	0.0	781.4

PROGR. 29.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-473146.4	10034.6	51218.0	-1307.6	102.4	-4780.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-835.6	0.0	65.0	843.1
6-1	si	13	Tz	802.9	116.0	0.0	827.7
6-1	si	5	Ty	8.6	0.0	163.7	283.7
6-1	si	16	Si	-831.9	116.0	0.0	855.8

PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-519889.5	9034.2	51218.0	-1307.3	102.4	-4789.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-912.1	0.0	65.0	919.1
6-1	si	13	Tz	879.8	116.1	0.0	902.5
6-1	si	5	Ty	6.3	0.0	163.9	284.0
6-1	si	16	Si	-908.8	116.1	0.0	930.8

PROGR. 49.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-566720.6	8033.7	51218.0	-1307.1	102.4	-4798.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-988.8	0.0	65.0	995.2
6-1	si	13	Tz	956.9	116.2	0.0	977.9
6-1	si	5	Ty	4.0	0.0	164.1	284.3
6-1	si	16	Si	-985.9	116.2	0.0	1006.2

PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-613639.5	7033.2	51218.0	-1306.9	102.4	-4807.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1065.7	0.0	65.0	1071.6
6-1	si	13	Tz	1034.1	116.3	0.0	1053.6
6-1	si	5	Ty	1.7	0.0	164.3	284.6
6-1	si	16	Si	-1063.1	116.3	0.0	1082.0

PROGR. 68.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-660646.2	6032.8	51218.0	-1306.6	102.4	-4816.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1142.7	0.0	65.0	1148.2
6-1	si	13	Tz	1111.5	116.4	0.0	1129.6
6-1	si	5	Ty	-0.6	0.0	164.5	284.9
6-1	si	16	Si	-1140.4	116.4	0.0	1158.1

PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-707740.8	5032.3	51218.0	-1306.4	102.4	-4825.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1219.8	0.0	65.0	1225.0
6-1	si	13	Tz	1189.0	116.5	0.0	1206.0
6-1	si	5	Ty	-2.9	0.0	164.7	285.2
6-1	si	16	Si	-1217.9	116.5	0.0	1234.5

## VERIFICA STABILITA` :

L0 = 78.  
 Z | Lc = 78. | Ro = 9.06 | lm = 8.6 | Ncr = 25146893.9 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 78. | Ro = 6.01 | lm = 13.0 | Ncr = 11075059.0 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -1308.3 | Mzeq = -676161.0 | Myeq = 11744.4 | Ss = -1182.0 ( 0.350 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 94- 96) 110  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-239967.8	-2496.2	7373.3	-1753.8	-12.2	3926.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-429.9	0.0	9.4	430.2
6-1	si	13	Tz	380.5	-49.4	0.0	390.0
6-1	si	5	Ty	-25.2	0.0	-90.5	158.7
6-1	si	14	Si	-429.0	48.8	0.0	437.2

PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-6	-103541.2	40072.4	4784.3	5186.9	-189.3	1167.3
6-1	-163422.0	-2258.6	7373.3	-1753.4	-12.2	3908.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-6	si	1	Sx	324.2	0.0	6.1	324.4
6-1	si	13	Tz	251.9	-49.2	0.0	265.9
6-1	si	5	Ty	-24.6	0.0	-90.1	158.0

PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-2	-69595.5	53115.1	5178.7	4853.7	-206.6	1128.7

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1			-87227.7		-2021.0	7373.3	-1752.9	-12.2	3890.7
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
12-2	si	1	Sx	Si	293.2	0.0	6.6	293.4	
6-1	si	13	Tz	Si	123.8	-49.0	0.0	150.1	
6-1	si	5	Ty	Si	-24.1	0.0	-89.7	157.3	

59.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-15		43747.6		-57238.5		-51.2		-5790.2		201.2		904.2
6-1		-11384.8		-1783.5		7373.3		-1752.5		-12.2		3872.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
12-15	si	1	Sx	Si	-269.5	0.0	0.1	269.5	
6-1	si	13	Tz	Si	-3.7	-48.9	0.0	84.7	
6-1	si	5	Ty	Si	-23.5	0.0	-89.4	156.5	

78.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-15		61278.6		-60510.9		-51.2		-5789.8		201.2		890.3
6-1		64106.7		-1545.9		7373.3		-1752.0		-12.2		3854.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
12-15	si	1	Sx	Si	-306.6	0.0	0.1	306.6	
6-1	si	13	Tz	Si	-130.5	-48.7	0.0	155.4	
6-1	si	5	Ty	Si	-23.0	0.0	-89.0	155.8	

98.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-15		78539.3		-63877.5		-51.2		-5789.5		201.2		876.5
6-1		139246.7		-1308.3		7373.3		-1751.5		-12.2		3836.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
12-15	si	1	Sx	Si	-343.4	0.0	0.1	343.4	
6-1	si	13	Tz	Si	-256.8	-48.5	0.0	270.2	
6-1	si	5	Ty	Si	-22.4	0.0	-88.6	155.1	

117.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		214035.2		-1070.7		7373.3		-1751.1		-12.2		3818.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	Si	-382.9	0.0	9.4	383.2	
6-1	si	13	Tz	Si	-382.5	-48.3	0.0	391.5	
6-1	si	5	Ty	Si	-21.9	0.0	-88.2	154.4	

137.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		288472.3		-833.1		7373.3		-1750.6		-12.2		3800.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	Si	-507.9	0.0	9.4	508.1	
6-1	si	13	Tz	Si	-507.6	-48.1	0.0	514.4	
6-1	si	5	Ty	Si	-21.3	0.0	-87.9	153.7	

156.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		362558.0		-595.6		7373.3		-1750.2		-12.2		3782.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	Si	-632.3	0.0	9.4	632.5	
6-1	si	13	Tz	Si	-632.1	-47.9	0.0	637.5	
6-1	si	5	Ty	Si	-20.8	0.0	-87.5	153.0	

## VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.2 |Ncr = 6286723.4 |alfa(a) = 0.2100 |ki = 0.9943 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr = 2768764.7 |alfa(a) = 0.2100 |ki = 0.9679 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -1753.8 |Mzeq = 271918.5 |Myeq = -2009.6 |Ss = -483.5 ( 0.143 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 96- 98) 111  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		377766.6		-1119.4		-13169.4		-1777.1		2.0		1490.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	Si	-659.4	0.0	16.7	660.1	
6-1	si	14	Tz	Si	615.3	31.8	0.0	617.8	
6-1	si	5	Ty	Si	-22.3	0.0	-47.5	85.2	
6-1	si	13	Si	Si	-659.0	-31.7	0.0	661.3	

20.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		406706.7		-1158.4		-13169.4		-1776.6		2.0		1472.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	Si	-708.3	0.0	16.7	708.9	
6-1	si	14	Tz	Si	664.1	31.7	0.0	666.3	
6-1	si	5	Ty	Si	-22.3	0.0	-47.1	84.6	
6-1	si	13	Si	Si	-707.9	-31.5	0.0	710.0	

39.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		435295.4		-1197.4		-13169.4		-1776.2		2.0		1454.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	1	Sx	-756.6	0.0	16.7	757.2
6-1	si	14	Tz	712.2	31.5	0.0	714.3
6-1	si	5	Ty	-22.4	0.0	-46.7	84.0
6-1	si	13	Si	-756.2	-31.4	0.0	758.2

----- PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	463532.7	-1236.4	-13169.4	-1775.7	2.0	1436.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-804.4	0.0	16.7	804.9
6-1	si	14	Tz	759.8	31.3	0.0	761.7
6-1	si	5	Ty	-22.5	0.0	-46.4	83.4
6-1	si	13	Si	-803.9	-31.2	0.0	805.7

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	491418.5	-1275.3	-13169.4	-1775.3	2.0	1418.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-851.5	0.0	16.7	852.0
6-1	si	14	Tz	806.7	31.1	0.0	808.5
6-1	si	5	Ty	-22.6	0.0	-46.0	82.8
6-1	si	13	Si	-851.0	-31.0	0.0	852.7

----- PROGR. 98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	518952.9	-1314.3	-13169.4	-1774.8	2.0	1400.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-898.0	0.0	16.7	898.5
6-1	si	14	Tz	853.1	30.9	0.0	854.8
6-1	si	5	Ty	-22.7	0.0	-45.6	82.2
6-1	si	13	Si	-897.5	-30.8	0.0	899.1

----- PROGR. 117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	546135.8	-1353.3	-13169.4	-1774.3	2.0	1382.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-943.9	0.0	16.7	944.4
6-1	si	14	Tz	898.9	30.7	0.0	900.5
6-1	si	5	Ty	-22.8	0.0	-45.3	81.6
6-1	si	13	Si	-943.4	-30.6	0.0	944.9

----- PROGR. 137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	572967.2	-1392.3	-13169.4	-1773.9	2.0	1364.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-989.3	0.0	16.7	989.7
6-1	si	14	Tz	944.1	30.6	0.0	945.6
6-1	si	5	Ty	-22.9	0.0	-44.9	81.0
6-1	si	13	Si	-988.8	-30.5	0.0	990.2

----- PROGR. 156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	599447.3	-1431.3	-13169.4	-1773.4	2.0	1346.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1034.0	0.0	16.7	1034.4
6-1	si	14	Tz	988.7	30.4	0.0	990.1
6-1	si	5	Ty	-22.9	0.0	-44.5	80.4
6-1	si	13	Si	-1033.5	-30.3	0.0	1034.8

## VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.2 |Ncr= 6286723.5 |alfa(a)=0.2100 |ki=0.9943 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2768764.8 |alfa(a)=0.2100 |ki=0.9679 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -1777.1 |Mzeq = 599447.3 |Myeq = -1431.3 |Ss = -1035.0 ( 0.306)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	594977.3	-937.2	6208.0	-1800.6	-1.4	-1015.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-1025.7	0.0	7.9	1025.7
6-1	si	14	Tz	981.8	-18.2	0.0	982.3
6-1	si	5	Ty	-22.1	0.0	28.8	54.6
6-1	si	13	Si	-1025.3	18.1	0.0	1025.8

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	574967.6	-909.8	6208.0	-1800.1	-1.4	-1033.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-991.8	0.0	7.9	991.9
6-1	si	14	Tz	948.1	-18.4	0.0	948.6
6-1	si	5	Ty	-22.0	0.0	29.2	55.2
6-1	si	13	Si	-991.5	18.3	0.0	992.0

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	554606.4	-882.4	6208.0	-1799.6	-1.4	-1051.1

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-957.4	0.0	7.9	957.5
6-1	si	14	Tz	913.8	-18.5	0.0	914.4
6-1	si	5	Ty	-22.0	0.0	29.6	55.8
6-1	si	13	Si	-957.1	18.5	0.0	957.6

PROGR.

59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	533893.9	-855.1	6208.0	-1799.2	-1.4	-1069.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-922.4	0.0	7.9	922.5
6-1	si	14	Tz	878.9	-18.7	0.0	879.5
6-1	si	5	Ty	-21.9	0.0	30.0	56.3
6-1	si	13	Si	-922.1	18.7	0.0	922.7

PROGR.

78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	512829.8	-827.7	6208.0	-1798.7	-1.4	-1087.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-886.8	0.0	7.9	886.9
6-1	si	14	Tz	843.5	-18.9	0.0	844.1
6-1	si	5	Ty	-21.8	0.0	30.3	56.9
6-1	si	13	Si	-886.5	18.8	0.0	887.1

PROGR.

98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	491414.4	-800.3	6208.0	-1798.3	-1.4	-1105.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-850.6	0.0	7.9	850.7
6-1	si	14	Tz	807.4	-19.1	0.0	808.1
6-1	si	5	Ty	-21.8	0.0	30.7	57.5
6-1	si	13	Si	-850.3	19.0	0.0	851.0

PROGR.

117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	469647.5	-772.9	6208.0	-1797.8	-1.4	-1123.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-813.9	0.0	7.9	814.0
6-1	si	14	Tz	770.7	-19.3	0.0	771.5
6-1	si	5	Ty	-21.7	0.0	31.1	58.0
6-1	si	13	Si	-813.6	19.2	0.0	814.2

PROGR.

137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	447529.1	-745.5	6208.0	-1797.3	-1.4	-1141.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-776.5	0.0	7.9	776.6
6-1	si	14	Tz	733.5	-19.5	0.0	734.3
6-1	si	5	Ty	-21.6	0.0	31.4	58.6
6-1	si	13	Si	-776.2	19.4	0.0	776.9

PROGR.

156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	425059.3	-718.2	6208.0	-1796.9	-1.4	-1159.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-738.5	0.0	7.9	738.6
6-1	si	14	Tz	695.6	-19.6	0.0	696.5
6-1	si	5	Ty	-21.6	0.0	31.8	59.2
6-1	si	13	Si	-738.2	19.6	0.0	739.0

## VERIFICA STABILITA` :

$L_0 = 156.$   
 $Z \quad |L_c = 156. |Ro = 9.06|lm = 17.2|Ncr = 6286723.5|alfa(a) = 0.2100|ki = 0.9943|$   
 $Y \quad |L_c = 156. |Ro = 6.01|lm = 26.0|Ncr = 2768764.8|alfa(a) = 0.2100|ki = 0.9679|$   
 Caso 6-1 - Nodo 1 - Asse Y  
 $Ned = -1800.6|Mzeq = 594977.3|Myeq = -937.2|Ss = -1026.6 ( 0.304)$

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	399295.2	-731.5	5686.4	-1829.0	-28.3	-3306.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-695.4	0.0	7.2	695.6
6-1	si	14	Tz	651.8	-41.4	0.0	655.7
6-1	si	5	Ty	-21.9	0.0	75.5	132.6
6-1	si	13	Si	-695.2	39.9	0.0	698.6

PROGR.

20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	334508.3	-178.7	5686.4	-1828.6	-28.3	-3324.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-584.9	0.0	7.2	585.0
6-1	si	14	Tz	543.6	-41.6	0.0	548.4
6-1	si	5	Ty	-20.7	0.0	75.9	133.1
6-1	si	13	Si	-584.8	40.1	0.0	588.9

PROGR.

39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	269370.0	374.1	5686.4	-1828.1	-28.3	-3342.8



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-475.5	0.0	7.2	475.6
6-1	si	14	Tz	434.8	-41.8	0.0	440.8
6-1	si	5	Ty	-19.4	0.0	76.3	133.5
6-1	si	15	Si	-475.3	-41.8	0.0	480.8

59.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	203880.2	926.9	5686.4	-1827.7	-28.3	-3360.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-366.3	0.0	7.2	366.5
6-1	si	14	Tz	325.4	-42.0	0.0	333.4
6-1	si	5	Ty	-18.1	0.0	76.6	134.0
6-1	si	15	Si	-365.9	-42.0	0.0	373.1

78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	36398.3	76135.6	-2023.2	-3223.0	445.0	-878.9	
6-1	138039.0	1479.7	5686.4	-1827.2	-28.3	-3378.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-272.1	0.0	2.6	272.1
6-1	si	14	Tz	215.4	-42.1	0.0	227.5
6-1	si	5	Ty	-16.8	0.0	77.0	134.5

98.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	19144.4	68066.2	-2023.2	-3222.6	445.0	-892.7	
6-1	71846.3	2032.5	5686.4	-1826.7	-28.3	-3396.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-224.4	0.0	2.6	224.5
6-1	si	14	Tz	104.9	-42.3	0.0	127.9
6-1	si	5	Ty	-15.6	0.0	77.4	134.9

117.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-7	2609.9	51466.6	-2512.9	-5146.3	323.0	-946.3	
6-1	5302.2	2585.3	5686.4	-1826.3	-28.3	-3414.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-7	si	2	Sx	-179.7	0.0	3.2	179.8
6-1	si	14	Tz	-6.3	-42.5	0.0	73.9
6-1	si	5	Ty	-14.3	0.0	77.8	135.4

137.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-7	-16461.4	46216.7	-2512.9	-5145.9	323.0	-960.1	
6-1	-61593.4	3138.1	5686.4	-1825.8	-28.3	-3432.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-7	si	3	Sx	-191.0	0.0	3.2	191.1
6-1	si	14	Tz	-118.1	-42.7	0.0	139.3
6-1	si	5	Ty	-13.0	0.0	78.1	135.9
11-7	si	12	Si	-188.3	0.0	22.5	192.3

156.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-128840.4	3690.9	5686.4	-1825.4	-28.3	-3450.7	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-246.0	0.0	7.2	246.3
6-1	si	14	Tz	-230.4	-42.9	0.0	242.1
6-1	si	5	Ty	-11.7	0.0	78.5	136.5
6-1	si	16	Si	-244.7	41.4	0.0	254.9

## VERIFICA STABILITA` :

$L_0 = 156$  |  
 $Z$  |  $L_c = 156$  |  $R_o = 9.06$  |  $l_m = 17.2$  |  $N_{cr} = 6286723.5$  |  $\alpha(a) = 0.2100$  |  $k_i = 0.9943$  |  
 $Y$  |  $L_c = 156$  |  $R_o = 6.01$  |  $l_m = 26.0$  |  $N_{cr} = 2768764.8$  |  $\alpha(a) = 0.2100$  |  $k_i = 0.9679$  |  
 Caso 6-1 - Nodo 2 - Asse Y  
 $N_{ed} = -1829.0$  |  $M_{z_{eq}} = 299471.4$  |  $M_{y_{eq}} = 2768.2$  |  $S_s = -532.6$  ( 0.158)

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 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-99588.9	2691.4	-33509.9	-1633.7	63.7	-5358.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-192.3	0.0	42.5	205.9
6-1	si	13	Tz	155.1	98.4	0.0	230.4
6-1	si	5	Ty	-11.9	0.0	153.2	265.6
6-1	si	6	Si	-24.3	0.0	153.2	266.5

17.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-188383.0	1637.0	-33509.9	-1633.3	63.7	-5373.2	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-339.6	0.0	42.5	347.5
6-1	si	13	Tz	302.8	98.6	0.0	347.6
6-1	si	5	Ty	-14.3	0.0	153.5	266.3
6-1	si	16	Si	-339.0	98.6	0.0	379.6

33.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-277429.3	582.6	-33509.9	-1632.9	63.7	-5388.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-487.4	0.0	42.5	492.9
6- 1	si	13	Tz	451.0	98.7	0.0	482.3
6- 1	si	5	Ty	-16.8	0.0	153.8	267.0
6- 1	si	16	Si	-487.2	98.7	0.0	516.3

----- PROGR. 50.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-366727.6	-471.9	-33509.9	-1632.5	63.7	-5403.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-637.7	0.0	42.5	642.0
6- 1	si	13	Tz	599.6	98.9	0.0	623.5
6- 1	si	5	Ty	-19.2	0.0	154.1	267.7
6- 1	si	14	Si	-637.6	-95.5	0.0	658.7

----- PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-456278.1	-1526.3	-33509.9	-1632.2	63.7	-5418.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-791.2	0.0	42.5	794.6
6- 1	si	13	Tz	748.6	99.0	0.0	768.0
6- 1	si	5	Ty	-21.6	0.0	154.5	268.4
6- 1	si	14	Si	-790.6	-95.6	0.0	807.8

----- PROGR. 83.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-546080.7	-2580.7	-33509.9	-1631.8	63.7	-5434.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-945.1	0.0	42.5	948.0
6- 1	si	13	Tz	898.0	99.2	0.0	914.3
6- 1	si	5	Ty	-24.0	0.0	154.8	269.1
6- 1	si	14	Si	-944.1	-95.8	0.0	958.6

----- PROGR. 99.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-636135.4	-3635.2	-33509.9	-1631.4	63.7	-5449.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1099.4	0.0	42.5	1101.9
6- 1	si	13	Tz	1047.9	99.3	0.0	1061.9
6- 1	si	5	Ty	-26.4	0.0	155.1	269.9
6- 1	si	14	Si	-1098.1	-96.0	0.0	1110.6

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-726442.3	-4689.6	-33509.9	-1631.0	63.7	-5464.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1254.1	0.0	42.5	1256.3
6- 1	si	13	Tz	1198.2	99.5	0.0	1210.5
6- 1	si	5	Ty	-28.9	0.0	155.4	270.7
6- 1	si	14	Si	-1252.4	-96.1	0.0	1263.4

----- PROGR. 132.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-817001.2	-5744.1	-33509.9	-1630.6	63.7	-5479.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-1409.3	0.0	42.5	1411.2
6- 1	si	13	Tz	1348.9	99.6	0.0	1359.9
6- 1	si	5	Ty	-31.3	0.0	155.7	271.5
6- 1	si	14	Si	-1407.2	-96.3	0.0	1417.0

-----  
VERIFICA STABILITA` :

L0 = 132. |  
 Z |Lc = 132. |Ro = 9.06 |lm = 14.6 |Ncr= 8763540.0 |alfa(a)=0.2100 |ki=1.0000 |  
 Y |Lc = 132. |Ro = 6.01 |lm = 22.0 |Ncr= 3859590.9 |alfa(a)=0.2100 |ki=0.9803 |  
 Caso 6- 1 - Nodo 4 - Asse Y  
 Ned = -1633.7 |Mzeq = -612750.9 |Myeq = -4308.0 |Ss = -1062.1 ( 0.314)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-359386.7	25356.4	-28307.5	-3727.9	278.3	1650.1
12-15	-329832.6	50693.4	-34326.4	-2693.8	532.2	1425.2
12- 2	213595.1	-22542.8	24041.3	1805.9	-319.7	-2875.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-705.8	0.0	35.9	708.5
12-15	si	14	Tz	-488.3	72.0	0.0	504.0
12- 2	si	5	Ty	-31.8	0.0	89.9	158.9

----- PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	-302105.1	41876.5	-34326.4	-2693.4	532.2	1411.4
12- 2	157255.4	-17880.9	24041.3	1806.2	-319.7	-2888.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	3	Sx	-635.6	0.0	43.5	640.1
12-15	si	14	Tz	-458.6	71.9	0.0	475.2
12- 2	si	5	Ty	-21.1	0.0	90.2	157.6

----- PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-328992.1	43123.2	-16963.5	-1630.3	462.0	-3088.8	
12-15	-274647.6	33561.2	-34326.4	-2693.1	532.2	1397.5	
12- 2	100644.6	-13720.7	24041.3	1806.6	-319.7	-2902.7	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-672.1	0.0	21.5	673.1
12-15	si	14	Tz		-428.3	71.7	0.0	446.0
12- 2	si	5	Ty		-11.5	0.0	90.5	157.1

----- PROGR. 59.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-389549.5	34092.3	-16963.5	-1629.9	462.0	-3106.8	
12-15	-247459.7	25848.5	-34326.4	-2692.7	532.2	1383.7	
12- 2	43762.0	-10163.0	24041.3	1806.9	-319.7	-2916.5	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-753.5	0.0	21.5	754.4
12-15	si	14	Tz		-397.3	71.6	0.0	416.2
12- 2	si	5	Ty		-3.3	0.0	90.7	157.2

----- PROGR. 78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-450458.7	25061.4	-16963.5	-1629.4	462.0	-3124.8	
12-15	-220540.1	-4924.9	-34326.4	-2692.4	532.2	1369.9	
12- 2	-13393.5	16455.4	24041.3	1807.3	-319.7	-2930.4	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-835.4	0.0	21.5	836.3
12-15	si	14	Tz		-411.3	71.5	0.0	429.6
12- 2	si	5	Ty		57.8	0.0	91.0	168.0

----- PROGR. 98.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-511719.7	16030.4	-16963.5	-1628.9	462.0	-3142.8	
12-15	-193885.1	-15329.0	-34326.4	-2692.0	532.2	1356.0	
12- 2	-70825.7	22704.5	24041.3	1807.6	-319.7	-2944.2	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-918.0	0.0	21.5	918.8
12-15	si	14	Tz		-386.4	71.3	0.0	405.7
12- 2	si	5	Ty		72.2	0.0	91.3	173.9
6- 1	si	16	Si		-912.1	65.5	0.0	919.1

----- PROGR. 117.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-573332.5	6999.5	-16963.5	-1628.5	462.0	-3160.8	
12-15	-167470.1	-24341.9	-34326.4	-2691.7	532.2	1342.2	
12- 2	-128559.0	27562.3	24041.3	1808.0	-319.7	-2958.1	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	-1001.2	0.0	21.5	1001.9
12-15	si	14	Tz		-359.3	71.2	0.0	379.9
12- 2	si	5	Ty		83.4	0.0	91.6	179.2
6- 1	si	16	Si		-998.6	65.7	0.0	1005.1

----- PROGR. 137.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-635297.1	-2031.4	-16963.5	-1628.0	462.0	-3178.8	
12-15	-141610.6	-33853.6	-34326.4	-2691.3	532.2	1328.3	
12- 2	-186278.2	32919.0	24041.3	1808.3	-319.7	-2971.9	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-1094.3	0.0	21.5	1094.9
12-15	si	14	Tz		-334.0	71.0	0.0	356.0
12- 2	si	5	Ty		95.7	0.0	91.9	185.7
6- 1	si	14	Si		-1093.5	-41.5	0.0	1095.9

----- PROGR. 156.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-697613.5	-11062.3	-16963.5	-1627.6	462.0	-3196.7	
12-15	-115651.2	-43599.4	-34326.4	-2691.0	532.2	1314.5	
12- 2	-244638.5	38509.8	24041.3	1808.7	-319.7	-2985.8	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-1220.1	0.0	21.5	1220.7
12-15	si	14	Tz		-309.0	70.9	0.0	332.6
12- 2	si	5	Ty		108.5	0.0	92.2	193.1

----- PROGR. 124.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-732983.4	-12375.3	-68481.9	-2145.2	-81.3	5381.0	

----- PROGR. 0.

VERIFICA STABILITA` :

L0 = 156. |  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.3 | Ncr = 6280206.3 | alfa(a) = 0.2100 | ki = 0.9943 |  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2765894.5 | alfa(a) = 0.2100 | ki = 0.9679 |  
 Caso 6- 1 - Nodo 3 - Asse Y  
 Ned = -1631.2 | Mzeq = -586815.9 | Myeq = 45888.8 | Ss = -1114.2 ( 0.330 )

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----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-732983.4	-12375.3	-68481.9	-2145.2	-81.3	5381.0	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	-1288.5	0.0	86.9	1297.3
6- 1	si	13	Tz		1188.7	-143.5	0.0	1214.4
6- 1	si	5	Ty		-52.2	0.0	-198.0	347.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6- 1	si	14	Si	-1284.0	139.2	0.0	1306.4		
----- PROGR. 20.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
6- 1	si		-627967.8	-10785.3	-68481.9	-2144.7	-81.3	5363.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6- 1	si	4	Sx	-1107.7	0.0	86.9	1117.9		
6- 1	si	13	Tz	1014.6	-143.3	0.0	1044.5		
6- 1	si	5	Ty	-48.6	0.0	-197.7	345.8		
6- 1	si	14	Si	-1103.8	139.0	0.0	1129.7		
----- PROGR. 39.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
6- 1	si		-523303.9	-9195.3	-68481.9	-2144.2	-81.3	5345.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6- 1	si	4	Sx	-927.5	0.0	86.9	939.7		
6- 1	si	13	Tz	841.1	-143.1	0.0	876.9		
6- 1	si	5	Ty	-44.9	0.0	-197.3	344.7		
6- 1	si	14	Si	-924.2	138.8	0.0	954.9		
----- PROGR. 59.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
6- 1	si		-418991.9	-7605.4	-68481.9	-2143.8	-81.3	5327.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6- 1	si	4	Sx	-747.9	0.0	86.9	762.9		
6- 1	si	13	Tz	668.3	-142.9	0.0	712.6		
6- 1	si	5	Ty	-41.2	0.0	-196.9	343.6		
6- 1	si	14	Si	-745.2	138.6	0.0	782.9		
----- PROGR. 78.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
6- 1	si		-315031.7	-6015.4	-68481.9	-2143.3	-81.3	5309.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6- 1	si	4	Sx	-568.9	0.0	86.9	588.5		
6- 1	si	13	Tz	496.0	-142.7	0.0	554.2		
6- 1	si	5	Ty	-37.6	0.0	-196.6	342.5		
6- 1	si	14	Si	-566.7	138.4	0.0	615.4		
----- PROGR. 98.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
6- 1	si		-211423.3	-4425.4	-68481.9	-2142.9	-81.3	5291.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6- 1	si	4	Sx	-390.5	0.0	86.9	418.5		
6- 1	si	13	Tz	324.3	-142.6	0.0	407.6		
6- 1	si	5	Ty	-33.9	0.0	-196.2	341.5		
6- 1	si	14	Si	-388.9	138.3	0.0	456.7		
----- PROGR. 117.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11- 5	si		-36179.0	62974.9	-14572.7	-2587.2	153.8	1370.7	
6- 1	si		-108166.7	-2835.4	-68481.9	-2142.4	-81.3	5273.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11- 5	si	3	Sx	-234.4	0.0	18.5	236.6		
6- 1	si	13	Tz	153.2	-142.4	0.0	290.3		
6- 1	si	5	TySi	-30.3	0.0	-195.8	340.5		
----- PROGR. 137.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11- 5	si		-9519.1	62385.3	-14572.7	-2586.8	153.8	1356.8	
6- 1	si		-5261.9	-1245.4	-68481.9	-2141.9	-81.3	5255.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11- 5	si	3	Sx	-188.1	0.0	18.5	190.8		
6- 1	si	13	Tz	-17.3	-142.2	0.0	246.9		
6- 1	si	5	TySi	-26.6	0.0	-195.4	339.5		
----- PROGR. 156.									

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11- 8	si		40954.0	48636.4	-14733.0	-3810.6	169.7	1262.0	
6- 1	si		97291.1	344.6	-68481.9	-2141.5	-81.3	5237.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11- 8	si	2	Sx	-223.1	0.0	18.7	225.4		
6- 1	si	13	Tz	-187.2	-142.0	0.0	309.1		
6- 1	si	5	Ty	-22.9	0.0	-195.1	338.6		
6- 1	si	6	Si	-24.5	0.0	-195.1	338.8		

## VERIFICA STABILITA` :

L0 = 156.  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.3 | Ncr = 6280206.3 | alfa(a) = 0.2100 | ki = 0.9943  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2765894.5 | alfa(a) = 0.2100 | ki = 0.9679  
 Caso 6- 1 - Nodo 4 - Asse Y  
 Ned = -2145.2 | Mzeq = -549737.6 | Myeq = -9281.5 | Ss = -973.5 ( 0.288)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11- 7	si		30424.8	51616.3	593.6	-4540.4	-328.6	773.7	
6- 1	si		60536.2	2045.7	-1735.3	-2080.2	18.1	2995.3	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11- 7	si								

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11- 7	si	2	Sx	Si	-220.2	0.0	0.8	220.2
6- 1	si	14	Tz		83.0	33.0	0.0	100.8
6- 1	si	5	Ty		-18.4	0.0	-64.1	112.5

----- PROGR. 20.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
11- 7		45415.7		54160.3	593.6	-4540.1	-328.6	759.9
6- 1		118914.7		1692.1	-1735.3	-2079.7	18.1	2977.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 7	si	2	Sx	-251.4	0.0	0.8	251.4
6- 1	si	14	Tz	180.8	32.8	0.0	189.5
6- 1	si	5	Ty	-19.2	0.0	-63.7	112.0

----- PROGR. 39.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		176941.4		1338.6	-1735.3	-2079.2	18.1	2959.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-324.6	0.0	2.2	324.6
6- 1	si	14	Tz	278.0	32.6	0.0	283.7
6- 1	si	5	Ty	-20.0	0.0	-63.3	111.5
6- 1	si	15	Si	-324.1	32.6	0.0	329.0

----- PROGR. 59.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		234616.3		985.0	-1735.3	-2078.8	18.1	2941.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-421.0	0.0	2.2	421.0
6- 1	si	14	Tz	374.6	32.4	0.0	378.8
6- 1	si	5	Ty	-20.8	0.0	-63.0	111.0
6- 1	si	15	Si	-420.7	32.4	0.0	424.4

----- PROGR. 78.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		291939.4		631.5	-1735.3	-2078.3	18.1	2923.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-516.9	0.0	2.2	516.9
6- 1	si	14	Tz	470.6	32.3	0.0	473.9
6- 1	si	5	Ty	-21.6	0.0	-62.6	110.5
6- 1	si	15	Si	-516.7	32.3	0.0	519.7

----- PROGR. 98.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		348910.7		277.9	-1735.3	-2077.9	18.1	2905.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-612.2	0.0	2.2	612.2
6- 1	si	14	Tz	566.0	32.1	0.0	568.7
6- 1	si	5	Ty	-22.4	0.0	-62.2	110.1
6- 1	si	15	Si	-612.1	32.1	0.0	614.6

----- PROGR. 117.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		405530.1		-75.7	-1735.3	-2077.4	18.1	2887.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-707.2	0.0	2.2	707.2
6- 1	si	14	Tz	660.8	31.9	0.0	663.1
6- 1	si	5	Ty	-23.2	0.0	-61.8	109.6
6- 1	si	13	Si	-707.2	-30.9	0.0	709.2

----- PROGR. 137.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		461797.8		-429.2	-1735.3	-2076.9	18.1	2869.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-802.9	0.0	2.2	802.9
6- 1	si	14	Tz	755.1	31.7	0.0	757.1
6- 1	si	5	Ty	-24.0	0.0	-61.5	109.2
6- 1	si	13	Si	-802.8	-30.8	0.0	804.5

----- PROGR. 156.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		517713.7		-782.8	-1735.3	-2076.5	18.1	2851.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-898.0	0.0	2.2	898.0
6- 1	si	14	Tz	848.7	31.5	0.0	850.5
6- 1	si	5	Ty	-24.8	0.0	-61.1	108.7
6- 1	si	13	Si	-897.7	-30.6	0.0	899.3

## VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.3 |Ncr= 6280206.3 |alfa(a )=0.2100 |ki=0.9943 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2765894.5 |alfa(a )=0.2100 |ki=0.9679 |  
 Caso 6- 1 - Nodo 2 - Asse Y  
 Ned = -2080.2 |Mzeq = 388285.2 |Myeq = 1534.3 |Ss = -682.5 ( 0.202)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		542366.4		71.0	31764.2	-2027.9	-4.1	579.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	2	Sx	-937.4	0.0	40.3	940.0
6-1	si	13	Tz	-937.1	-46.3	0.0	940.6
6-1	si	5	Ty	-22.3	0.0	-52.3	93.3
6-1	si	15	Si	-937.4	46.1	0.0	940.8

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	553525.4	151.3	31764.2	-2027.4	-4.1	561.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-956.4	0.0	40.3	959.0
6-1	si	13	Tz	-955.8	-46.1	0.0	959.1
6-1	si	5	Ty	-22.1	0.0	-51.9	92.6
6-1	si	15	Si	-956.4	45.9	0.0	959.7

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	564332.6	231.6	31764.2	-2027.0	-4.1	543.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-974.9	0.0	40.3	977.4
6-1	si	13	Tz	-973.9	-45.9	0.0	977.1
6-1	si	5	Ty	-21.9	0.0	-51.5	91.9
6-1	si	15	Si	-974.8	45.7	0.0	978.0

----- PROGR. 59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	574788.0	311.8	31764.2	-2026.5	-4.1	525.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-992.7	0.0	40.3	995.1
6-1	si	13	Tz	-991.4	-45.7	0.0	994.5
6-1	si	5	Ty	-21.7	0.0	-51.2	91.2
6-1	si	15	Si	-992.6	45.5	0.0	995.7

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	584891.6	392.1	31764.2	-2026.1	-4.1	507.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1009.9	0.0	40.3	1012.3
6-1	si	13	Tz	-1008.2	-45.5	0.0	1011.3
6-1	si	5	Ty	-21.6	0.0	-50.8	90.6
6-1	si	15	Si	-1009.7	45.3	0.0	1012.8

----- PROGR. 98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	594643.3	472.4	31764.2	-2025.6	-4.1	489.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1026.5	0.0	40.3	1028.9
6-1	si	13	Tz	-1024.5	-45.4	0.0	1027.5
6-1	si	5	Ty	-21.4	0.0	-50.4	89.9
6-1	si	15	Si	-1026.3	45.1	0.0	1029.3

----- PROGR. 117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	604043.3	552.7	31764.2	-2025.1	-4.1	471.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1042.6	0.0	40.3	1044.9
6-1	si	13	Tz	-1040.2	-45.2	0.0	1043.2
6-1	si	5	Ty	-21.2	0.0	-50.0	89.2
6-1	si	15	Si	-1042.3	45.0	0.0	1045.3

----- PROGR. 137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	613091.4	632.9	31764.2	-2024.7	-4.1	453.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1058.0	0.0	40.3	1060.3
6-1	si	13	Tz	-1055.3	-45.0	0.0	1058.2
6-1	si	5	Ty	-21.0	0.0	-49.7	88.6
6-1	si	15	Si	-1057.8	44.8	0.0	1060.6

----- PROGR. 156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	621787.8	713.2	31764.2	-2024.2	-4.1	435.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1072.8	0.0	40.3	1075.1
6-1	si	13	Tz	-1069.8	-44.8	0.0	1072.6
6-1	si	5	Ty	-20.8	0.0	-49.3	87.9
6-1	si	15	Si	-1072.6	44.6	0.0	1075.4

## VERIFICA STABILITA` :

L0 = 156.  
 Z |Lc = 156. |Ro = 9.06 |lm = 17.3 |Ncr= 6280206.3 |alfa(a) = 0.2100 |ki=0.9943 |  
 Y |Lc = 156. |Ro = 6.01 |lm = 26.0 |Ncr= 2765894.5 |alfa(a) = 0.2100 |ki=0.9679 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -2027.9 |Mzeq = 621787.8 |Myeq = 534.9 |Ss = -1073.6 ( 0.318)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 99- 101) 127  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	640280.0	241.3	13249.1	-1965.8	-7.2	-1937.8

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1102.3	0.0	16.8	1102.7
6-1	si	14	Tz	1058.6	-36.6	0.0	1060.5
6-1	si	5	Ty	-21.2	0.0	56.8	100.7
6-1	si	15	Si	-1102.2	-36.6	0.0	1104.0

PROGR.

20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	602222.0	382.4	13249.1	-1965.3	-7.2	-1955.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-1038.4	0.0	16.8	1038.8
6-1	si	14	Tz	994.7	-36.8	0.0	996.8
6-1	si	5	Ty	-20.9	0.0	57.2	101.3
6-1	si	15	Si	-1038.3	-36.8	0.0	1040.2

PROGR.

39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	563812.2	523.4	13249.1	-1964.9	-7.2	-1973.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-974.0	0.0	16.8	974.4
6-1	si	14	Tz	930.2	-37.0	0.0	932.4
6-1	si	5	Ty	-20.6	0.0	57.6	101.8
6-1	si	15	Si	-973.8	-37.0	0.0	975.9

PROGR.

59.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	525050.6	664.4	13249.1	-1964.4	-7.2	-1991.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-908.9	0.0	16.8	909.4
6-1	si	14	Tz	865.1	-37.1	0.0	867.5
6-1	si	5	Ty	-20.2	0.0	58.0	102.4
6-1	si	15	Si	-908.7	-37.1	0.0	910.9

PROGR.

78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	485937.2	805.4	13249.1	-1964.0	-7.2	-2009.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-843.2	0.0	16.8	843.7
6-1	si	14	Tz	799.4	-37.3	0.0	802.0
6-1	si	5	Ty	-19.9	0.0	58.3	103.0
6-1	si	15	Si	-842.9	-37.3	0.0	845.4

PROGR.

98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	446471.9	946.5	13249.1	-1963.5	-7.2	-2027.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-777.0	0.0	16.8	777.5
6-1	si	14	Tz	733.1	-37.5	0.0	736.0
6-1	si	5	Ty	-19.6	0.0	58.7	103.5
6-1	si	15	Si	-776.7	-37.5	0.0	779.4

PROGR.

117.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	406654.9	1087.5	13249.1	-1963.0	-7.2	-2045.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-710.2	0.0	16.8	710.8
6-1	si	14	Tz	666.3	-37.7	0.0	669.4
6-1	si	5	Ty	-19.3	0.0	59.1	104.1
6-1	si	15	Si	-709.8	-37.7	0.0	712.8

PROGR.

137.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	366486.0	1228.5	13249.1	-1962.6	-7.2	-2063.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-642.7	0.0	16.8	643.4
6-1	si	14	Tz	598.8	-37.9	0.0	602.4
6-1	si	5	Ty	-18.9	0.0	59.4	104.7
6-1	si	15	Si	-642.3	-37.9	0.0	645.6

PROGR.

156.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	325965.4	1369.6	13249.1	-1962.1	-7.2	-2081.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-574.7	0.0	16.8	575.4
6-1	si	14	Tz	530.7	-38.1	0.0	534.8
6-1	si	5	Ty	-18.6	0.0	59.8	105.3
6-1	si	15	Si	-574.2	-38.1	0.0	578.0

## VERIFICA STABILITA` :

L0 = 156.  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.3 | Ncr = 6280206.3 | alfa(a) = 0.2100 | ki = 0.9943  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2765894.5 | alfa(a) = 0.2100 | ki = 0.9679  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -1965.8 | Mzeq = 630498.7 | Myeq = 1047.1 | Ss = -1088.7 ( 0.322)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 101- 103) 128  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	323387.6	1090.2	2286.6	-1915.5	15.0	-4279.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-569.2	0.0	2.9	569.2
6-1	si	13	Tz	-564.6	46.6	0.0	570.3
6-1	si	5	Ty	-18.7	0.0	91.3	159.3
6-1	si	15	Si	-568.8	-45.8	0.0	574.3

PROGR. 20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	239552.6	796.6	2286.6	-1915.0	15.0	-4297.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-427.1	0.0	2.9	427.1
6-1	si	13	Tz	-423.7	46.8	0.0	431.4
6-1	si	5	Ty	-19.4	0.0	91.7	160.0
6-1	si	15	Si	-426.8	-46.0	0.0	434.2

PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	41839.0	-93756.5	4421.4	-5063.8	-384.1	-1110.4	
6-1	155365.8	503.1	2286.6	-1914.6	15.0	-4315.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-342.1	0.0	5.6	342.3
6-1	si	13	Tz	-282.3	47.0	0.0	293.8
6-1	si	5	Ty	-20.1	0.0	92.1	160.7

PROGR. 59.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	19825.1	-86627.0	4421.4	-5063.5	-384.1	-1124.2	
6-1	70827.2	209.6	2286.6	-1914.1	15.0	-4333.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-288.6	0.0	5.6	288.8
6-1	si	13	Tz	-140.3	47.1	0.0	162.3
6-1	si	5	Ty	-20.7	0.0	92.4	161.4

PROGR. 78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	-2488.9	-79568.6	4421.4	-5063.1	-384.1	-1138.0	
6-1	-14063.2	-83.9	2286.6	-1913.6	15.0	-4351.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	-243.1	0.0	5.6	243.3
6-1	si	13	Tz	2.4	47.3	0.0	82.0
6-1	si	5	Ty	-21.4	0.0	92.8	162.1
11-12	si	11	Si	-242.7	0.0	28.5	247.7

PROGR. 98.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	-25101.1	-72602.3	4421.4	-5062.7	-384.1	-1151.9	
6-1	-99305.5	-377.4	2286.6	-1913.2	15.0	-4369.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	-265.3	0.0	5.6	265.5
6-1	si	13	Tz	145.6	47.5	0.0	167.2
6-1	si	5	Ty	-22.1	0.0	93.2	162.9
11-12	si	11	Si	-261.2	0.0	28.7	265.9

PROGR. 117.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-184899.5	-670.9	2286.6	-1912.7	15.0	-4387.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-334.6	0.0	2.9	334.6
6-1	si	13	Tz	289.4	47.7	0.0	300.9
6-1	si	5	Ty	-22.7	0.0	93.5	163.6
6-1	si	14	Si	-334.4	-46.9	0.0	344.1

PROGR. 137.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-270845.3	-964.4	2286.6	-1912.3	15.0	-4405.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-480.2	0.0	2.9	480.3
6-1	si	13	Tz	433.8	47.9	0.0	441.6
6-1	si	5	Ty	-23.4	0.0	93.9	164.3
6-1	si	14	Si	-479.9	-47.1	0.0	486.8

PROGR. 156.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-357143.0	-1257.9	2286.6	-1911.8	15.0	-4423.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-626.5	0.0	2.9	626.5
6-1	si	13	Tz	578.8	48.0	0.0	584.7
6-1	si	5	Ty	-24.1	0.0	94.3	165.1
6-1	si	14	Si	-626.0	-47.3	0.0	631.3

VERIFICA STABILITA` :

L0 = 156.  
 Z | Lc = 156. | Ro = 9.06 | lm = 17.3 | Ncr = 6280206.3 | alfa(a) = 0.2100 | ki = 0.9943  
 Y | Lc = 156. | Ro = 6.01 | lm = 26.0 | Ncr = 2765894.5 | alfa(a) = 0.2100 | ki = 0.9679  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -1915.5 | Mzeq = -267857.3 | Myeq = -943.4 | Ss = -476.0 ( 0.141)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 103- 228) 129  
 ----- PROGR. 0.



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-321772.4	-615.9	27477.7	-2041.8	-57.8	-6390.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-566.8	0.0	34.9	570.0
6-1	si	14	Tz	-566.5	-101.0	0.0	593.0
6-1	si	5	Ty	-24.0	0.0	166.9	290.0

9.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-381909.8	-72.6	27477.7	-2041.6	-57.8	-6399.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-667.0	0.0	34.9	669.7
6-1	si	14	Tz	-666.9	-101.1	0.0	689.5
6-1	si	5	Ty	-22.8	0.0	167.1	290.2

19.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-442128.6	470.7	27477.7	-2041.4	-57.8	-6407.7

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-769.4	0.0	34.9	771.8
6-1	si	14	Tz	-767.5	-101.2	0.0	787.2
6-1	si	5	Ty	-21.5	0.0	167.2	290.4
6-1	si	16	Si	-769.3	98.2	0.0	787.8

28.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-502428.8	1014.1	27477.7	-2041.2	-57.8	-6416.3

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-872.4	0.0	34.9	874.5
6-1	si	14	Tz	-868.1	-101.3	0.0	885.7
6-1	si	5	Ty	-20.3	0.0	167.4	290.7
6-1	si	16	Si	-872.0	98.2	0.0	888.5

38.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-562810.5	1557.4	27477.7	-2041.0	-57.8	-6425.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-975.5	0.0	34.9	977.4
6-1	si	14	Tz	-968.9	-101.4	0.0	984.7
6-1	si	5	Ty	-19.0	0.0	167.6	290.9
6-1	si	16	Si	-974.9	98.3	0.0	989.7

47.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-623273.6	2100.7	27477.7	-2040.7	-57.8	-6433.7

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1078.7	0.0	34.9	1080.4
6-1	si	14	Tz	-1069.8	-101.5	0.0	1084.2
6-1	si	5	Ty	-17.8	0.0	167.8	291.1
6-1	si	16	Si	-1077.9	98.4	0.0	1091.3

56.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-683818.0	2644.0	27477.7	-2040.5	-57.8	-6442.3

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1182.1	0.0	34.9	1183.6
6-1	si	14	Tz	-1170.9	-101.6	0.0	1184.0
6-1	si	5	Ty	-16.5	0.0	167.9	291.4
6-1	si	16	Si	-1181.1	98.5	0.0	1193.4

66.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-744444.0	3187.4	27477.7	-2040.3	-57.8	-6451.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1285.6	0.0	34.9	1287.0
6-1	si	14	Tz	-1272.1	-101.6	0.0	1284.2
6-1	si	5	Ty	-15.3	0.0	168.1	291.6
6-1	si	16	Si	-1284.4	98.6	0.0	1295.7

75.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	-805151.3	3730.7	27477.7	-2040.1	-57.8	-6459.6

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1389.2	0.0	34.9	1390.5
6-1	si	14	Tz	-1373.5	-101.7	0.0	1384.7
6-1	si	5	Ty	-14.0	0.0	168.3	291.8
6-1	si	16	Si	-1387.9	98.7	0.0	1398.3

VERIFICA STABILITA` :

L0 = 75.  
Z Lc = 75. | Ro = 9.06 | lm = 8.3 | Ncr = 27136990.8 | alfa(a) = 0.2100 | ki = 1.0000  
Y Lc = 75. | Ro = 6.01 | lm = 12.5 | Ncr = 11951526.7 | alfa(a) = 0.2100 | ki = 1.0000  
Caso 6-1 - Nodo 3 - Asse Y  
Ned = -2041.8 | Mzeq = -731935.9 | Myeq = 2798.0 | Ss = -1263.7 ( 0.374)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 11- 66) 142  
----- PROGR. 0.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
12- 1	-528441.2	-110630.7	-66219.0	-2709.4	-533.3	3149.6
11- 2	-125429.2	-156582.8	-97719.2	-2512.0	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 1	si	4	Sx	Si	-1175.6	0.0	84.0	1184.5
11- 2	si	13	Tz		-118.5	-156.9	0.0	296.5
11- 2	si	9	Ty		-196.4	0.0	-157.6	336.2

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 1	-492998.3	-104631.0	-66219.0	-2701.4	-533.3	3149.6
11- 2	-110578.8	-148235.6	-97719.2	-2504.0	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 1	si	4	Sx	Si	-1101.9	0.0	84.0	1111.5
11- 2	si	13	Tz		-127.4	-156.9	0.0	300.1
11- 2	si	9	Ty		-199.8	0.0	-157.6	338.2

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 1	-457554.5	-98631.2	-66219.0	-2693.5	-533.3	3149.6
11- 2	-95725.5	-139888.5	-97719.2	-2496.0	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 1	si	4	Sx	Si	-1028.2	0.0	84.0	1038.5
11- 2	si	13	Tz		-136.2	-156.9	0.0	304.0
11- 2	si	9	Ty		-203.1	0.0	-157.6	340.2

PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 1	-422109.7	-92631.5	-66219.0	-2685.5	-533.3	3149.6
11- 2	-80868.9	-131541.4	-97719.2	-2488.0	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 1	si	4	Sx	Si	-954.6	0.0	84.0	965.6
11- 2	si	13	Tz		-145.1	-156.9	0.0	308.1
11- 2	si	9	Ty		-206.5	0.0	-157.6	342.2

PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 1	-386663.7	-86631.9	-66219.0	-2677.5	-533.3	3149.6
11- 2	-66008.5	-123194.3	-97719.2	-2480.1	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 1	si	4	Sx	Si	-880.9	0.0	84.0	892.9
11- 2	si	13	Tz		-153.9	-156.9	0.0	312.3
11- 2	si	9	Ty		-209.9	0.0	-157.6	344.3

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 1	-351216.5	-80632.2	-66219.0	-2669.5	-533.3	3149.6
11- 2	-51143.9	-114847.3	-97719.2	-2472.1	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 1	si	4	Sx	Si	-807.3	0.0	84.0	820.3
11- 2	si	13	Tz		-162.8	-156.9	0.0	316.8
11- 2	si	9	Ty		-213.3	0.0	-157.6	346.4

PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	331320.0	70186.2	63388.1	-1384.9	519.1	-1345.2
11- 2	-36274.3	-106500.4	-97719.2	-2464.1	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-735.5	0.0	80.4	748.5
11- 2	si	13	Tz		-171.7	-156.9	0.0	321.5
11- 2	si	9	Ty		-216.7	0.0	-157.6	348.5

PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	316168.9	64346.9	63388.1	-1376.9	519.1	-1345.2
11- 2	-21399.0	-98153.5	-97719.2	-2456.2	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-696.4	0.0	80.4	710.2
11- 2	si	13	Tz		-180.6	-156.9	0.0	326.3
11- 2	si	9	Ty		-220.1	0.0	-157.6	350.6

PROGR. 90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	301015.9	58507.7	63388.1	-1368.9	519.1	-1345.2
11- 2	-6517.1	-89806.7	-97719.2	-2448.2	-742.0	1317.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-657.3	0.0	80.4	671.9
11- 2	si	13	Tz		-189.5	-156.9	0.0	331.3
11- 2	si	9	Ty		-223.6	0.0	-157.6	352.8

VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 9.06 | lm = 9.9 | Ncr = 18962948.5 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 90. | Ro = 6.01 | lm = 15.0 | Ncr = 8351559.2 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Caso12- 1 - Nodo 4 - Asse Y  
 Ned = -2709.4 | Mzeq = -502658.3 | Myeq = -110630.7 | Ss = -1132.3 ( 0.335)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 66- 70) 143  
 ----- PROGR. 0.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-16	301015.9	58507.7	63388.1	-1264.7	517.6	-1346.7	
11- 2	-6517.1	-89806.7	-97719.2	-2344.0	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-656.2	0.0	80.4	670.8
11- 2	si	13	Tz		-188.3	-156.6	0.0	330.1
11- 2	si	9	Ty		-222.4	0.0	-157.2	351.6

PROGR. 11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-16	285843.4	52685.2	63388.1	-1256.7	517.6	-1346.7	
11- 2	8376.6	-81607.0	-97719.2	-2336.0	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-617.1	0.0	80.4	632.6
11- 2	si	13	Tz		-197.5	-156.6	0.0	335.5
11- 2	si	9	Ty		-226.2	0.0	-157.2	354.0

PROGR. 22.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-16	270668.2	46862.7	63388.1	-1248.8	517.6	-1346.7	
11- 2	23279.5	-73407.4	-97719.2	-2328.0	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-578.1	0.0	80.4	594.6
11- 2	si	13	Tz		-206.8	-156.6	0.0	341.0
11- 2	si	9	Ty		-230.0	0.0	-157.2	356.5

PROGR. 34.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-16	255489.6	41040.3	63388.1	-1240.8	517.6	-1346.7	
11- 2	38193.6	-65208.0	-97719.2	-2320.1	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-539.0	0.0	80.4	556.7
11- 2	si	13	Tz		-216.0	-156.6	0.0	346.7
11- 2	si	9	Ty		-233.8	0.0	-157.2	358.9

PROGR. 45.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	260856.8	-7270.4	-6350.1	-6664.4	-17.7	3537.8	
11- 2	53121.0	-57008.9	-97719.2	-2312.1	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx		-530.5	0.0	8.1	530.7
11- 2	si	13	Tz		-225.3	-156.6	0.0	352.5
11- 2	si	9	Ty		-237.6	0.0	-157.2	361.4
6- 1	si	13	Si		-527.9	-44.3	0.0	533.4

PROGR. 56.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	300657.3	-7071.8	-6350.1	-6654.0	-17.7	3537.8	
11- 2	68064.9	-48810.2	-97719.2	-2304.1	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx		-597.1	0.0	8.1	597.3
11- 2	si	13	Tz		-234.6	-156.6	0.0	358.5
11- 2	si	9	Ty		-241.5	0.0	-157.2	364.0
6- 1	si	13	Si		-594.5	-44.3	0.0	599.4

PROGR. 68.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	340457.9	-6873.2	-6350.1	-6643.6	-17.7	3537.8	
11- 2	83029.2	-40612.4	-97719.2	-2296.2	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx		-663.7	0.0	8.1	663.8
11- 2	si	13	Tz		-243.9	-156.6	0.0	364.7
11- 2	si	9	Ty		-245.4	0.0	-157.2	366.6
6- 1	si	13	Si		-661.1	-44.3	0.0	665.6

PROGR. 79.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	380258.4	-6674.6	-6350.1	-6633.3	-17.7	3537.8	
11- 2	98019.0	-32415.8	-97719.2	-2288.2	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx		-730.2	0.0	8.1	730.4
11- 2	si	13	Tz		-253.3	-156.6	0.0	371.0
11- 2	si	9	Ty		-249.3	0.0	-157.2	369.2
6- 1	si	13	Si		-727.8	-44.3	0.0	731.8

PROGR. 90.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	420059.0	-6476.0	-6350.1	-6622.9	-17.7	3537.8	
11- 2	113041.3	-24222.1	-97719.2	-2280.2	-728.9	1317.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx		-796.8	0.0	8.1	796.9
11- 2	si	13	Tz		-262.7	-156.6	0.0	377.5
11- 2	si	9	Ty		-253.3	0.0	-157.2	371.9
6- 1	si	13	Si		-794.4	-44.3	0.0	798.1

VERIFICA STABILITA' :

L0 = 90.  
 Z | Lc = 90. | Ro = 9.06 | lm = 9.9 | Ncr = 18962948.5 | alfa(a) = 0.2100 | ki = 1.0000 |

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Y |Lc = 90. |Ro = 6.01|lm = 15.0|Ncr= 8351559.2|alfa(a)=0.2100|ki=1.0000|  
 Caso12-16 - Nodo 2 - Asse Y  
 Ned = -1264.7|Mzeq = 301015.9|Myeq = 45784.3|Ss = -627.0 ( 0.185)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 70- 8) 144  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	420059.0	-6476.0	-6350.1	-6470.3	-463.7	3505.9
11- 2	113041.3	-24222.1	-97719.2	-2176.0	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-795.1	0.0	8.1	795.2
11- 2	si	13	Tz	-261.5	-159.1	0.0	379.9
11- 2	si	9	Ty	-252.1	0.0	-159.5	374.0
6- 1	si	13	Si	-792.7	-55.8	0.0	798.6

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	460354.2	-1146.4	-6350.1	-6459.7	-463.7	3505.9
11- 2	128357.4	-14716.9	-97719.2	-2167.9	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-850.7	0.0	8.1	850.8
11- 2	si	13	Tz	-268.9	-159.1	0.0	385.0
11- 2	si	9	Ty	-253.6	0.0	-159.5	375.0
6- 1	si	13	Si	-850.3	-55.8	0.0	855.7

----- PROGR. 23.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	500649.3	4183.2	-6350.1	-6449.1	-463.7	3505.9
11- 2	143730.3	-5221.2	-97719.2	-2159.7	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-925.5	0.0	8.1	925.6
11- 2	si	13	Tz	-276.4	-159.1	0.0	390.3
11- 2	si	9	Ty	-255.1	0.0	-159.5	376.0

----- PROGR. 34.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	540944.4	9512.8	-6350.1	-6438.5	-463.7	3505.9
11- 2	159189.1	4352.2	-97719.2	-2151.6	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-1005.6	0.0	8.1	1005.7
11- 2	si	13	Tz	-283.9	-159.1	0.0	395.7
11- 2	si	9	Ty	-256.6	0.0	-159.5	377.1

----- PROGR. 46.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	581239.6	14842.4	-6350.1	-6427.9	-463.7	3505.9
11- 2	174734.6	13827.8	-97719.2	-2143.4	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-1085.7	0.0	8.1	1085.8
11- 2	si	13	Tz	-291.8	-159.1	0.0	401.3
11- 2	si	9	Ty	-258.4	0.0	-159.5	378.3

----- PROGR. 57.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	621534.7	20172.0	-6350.1	-6417.3	-463.7	3505.9
11- 2	190434.2	23331.5	-97719.2	-2135.3	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-1165.8	0.0	8.1	1165.9
11- 2	si	13	Tz	-299.8	-159.1	0.0	407.2
11- 2	si	9	Ty	-260.4	0.0	-159.5	379.7

----- PROGR. 69.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	661829.9	25501.6	-6350.1	-6406.8	-463.7	3505.9
11- 2	206335.5	32838.1	-97719.2	-2127.2	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-1245.9	0.0	8.1	1246.0
11- 2	si	13	Tz	-308.2	-159.1	0.0	413.4
11- 2	si	9	Ty	-262.7	0.0	-159.5	381.3

----- PROGR. 80.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	702125.0	30831.2	-6350.1	-6396.2	-463.7	3505.9
11- 2	222511.8	42345.5	-97719.2	-2119.0	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-1326.0	0.0	8.1	1326.1
11- 2	si	13	Tz	-317.1	-159.1	0.0	420.1
11- 2	si	9	Ty	-265.5	0.0	-159.5	383.2

----- PROGR. 92.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	742420.2	36160.8	-6350.1	-6385.6	-463.7	3505.9
11- 2	239044.4	51853.3	-97719.2	-2110.9	-827.3	1311.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-1406.1	0.0	8.1	1406.2
11- 2	si	13	Tz	-326.5	-159.1	0.0	427.2
11- 2	si	9	Ty	-268.7	0.0	-159.5	385.4

-----  
 VERIFICA STABILITA` :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

L0 = 92.  
 Z | Lc = 92. | Ro = 9.06 | lm = 10.1 | Ncr= 18167570.9 | alfa(a)=0.2100 | ki=1.0000 |  
 Y | Lc = 92. | Ro = 6.01 | lm = 15.3 | Ncr= 8001263.3 | alfa(a)=0.2100 | ki=1.0000 |  
 Caso 6- 1 - Nodo 2 - Asse Y  
 Ned = -6470.3 | Mzeq = 613475.7 | Myeq = 19106.1 | Ss = -1150.8 ( 0.340 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 12- 69 ) 145  
 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-569801.5	-135878.2	-73309.7	-1903.5	-632.8	3133.9
11-15	31254.5	156135.2	98405.2	-1977.9	783.1	377.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 5	si	4	Sx	Si	-1294.4	0.0	93.0	1304.4
11-15	si	7	Tz		-74.6	150.3	0.0	270.8
12- 5	si	5	Ty		-333.3	0.0	-157.7	431.0

----- PROGR. 11.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-534543.4	-128759.9	-73309.7	-1895.5	-632.8	3133.9
11-15	35494.7	147326.0	98405.2	-1970.0	783.1	377.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 5	si	4	Sx	Si	-1218.5	0.0	93.0	1229.1
11-15	si	7	Tz		-81.7	150.3	0.0	272.8
12- 5	si	5	Ty		-316.9	0.0	-157.7	418.4

----- PROGR. 22.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-499285.1	-121641.6	-73309.7	-1887.6	-632.8	3133.9
11-15	39734.1	138516.9	98405.2	-1962.0	783.1	377.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 5	si	4	Sx	Si	-1142.6	0.0	93.0	1153.9
11-15	si	7	Tz		-88.8	150.3	0.0	275.0
12- 5	si	5	Ty		-300.4	0.0	-157.7	406.1

----- PROGR. 34.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-464026.6	-114523.3	-73309.7	-1879.6	-632.8	3133.9
11-15	43972.5	129707.8	98405.2	-1954.0	783.1	377.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 5	si	4	Sx	Si	-1066.7	0.0	93.0	1078.8
11-15	si	7	Tz		-95.8	150.3	0.0	277.4
12- 5	si	5	Ty		-284.0	0.0	-157.7	394.1

----- PROGR. 45.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-428767.6	-107405.1	-73309.7	-1871.6	-632.8	3133.9
11-15	48209.8	120898.8	98405.2	-1946.1	783.1	377.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 5	si	4	Sx	Si	-990.7	0.0	93.0	1003.8
11-15	si	7	Tz		-102.9	150.3	0.0	279.9
12- 5	si	5	Ty		-267.5	0.0	-157.7	382.4

----- PROGR. 56.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-393508.3	-100286.9	-73309.7	-1863.6	-632.8	3133.9
11-15	52445.6	112089.8	98405.2	-1938.1	783.1	377.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 5	si	4	Sx	Si	-914.8	0.0	93.0	928.9
11-15	si	7	Tz		-109.9	150.3	0.0	282.6
12- 5	si	5	Ty		-251.1	0.0	-157.7	371.1

----- PROGR. 68.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12-12	375901.3	90331.3	77332.1	-1410.3	701.0	-1909.9
11-15	56679.5	103281.0	98405.2	-1930.1	783.1	377.4
12- 5	-358248.4	-93168.7	-73309.7	-1855.7	-632.8	3133.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-857.2	0.0	98.1	873.9
11-15	si	7	Tz		-117.0	150.3	0.0	285.4
12- 5	si	5	Ty		-234.7	0.0	-157.7	360.2

----- PROGR. 79.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12-12	354410.3	82445.1	77332.1	-1402.3	701.0	-1909.9
11-15	60911.1	94472.2	98405.2	-1922.2	783.1	377.4
12- 5	-322987.8	-86050.6	-73309.7	-1847.7	-632.8	3133.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-802.8	0.0	98.1	820.6
11-15	si	7	Tz		-124.0	150.3	0.0	288.4
12- 5	si	5	Ty		-218.2	0.0	-157.7	349.7

----- PROGR. 90.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12-12	332918.4	74559.0	77332.1	-1394.3	701.0	-1909.9
11-15	65139.4	85663.7	98405.2	-1914.2	783.1	377.4
12- 5	-287726.2	-78932.6	-73309.7	-1839.7	-632.8	3133.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-748.3	0.0	98.1	767.4
11-15	si	7	Tz		-131.1	150.3	0.0	291.5

| 12- 5|si| 5| Ty | -201.8| 0.0| -157.7| 339.6|

-----  
 VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 9.06 | lm = 9.9 | Ncr = 18962948.5 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 90. | Ro = 6.01 | lm = 15.0 | Ncr = 8351559.2 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Caso12- 5 - Nodo 4 - Asse Y  
 Ned = -1903.5 | Mzeq = -557396.4 | Myeq = -135878.2 | Ss = -1273.7 ( 0.377 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 69- 73 ) 146  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	332918.4	74559.0	77332.1	-1290.8	674.0	-1906.3
11-15	65139.4	85663.7	98405.2	-1810.6	761.4	377.9
12- 5	-287726.2	-78932.6	-73309.7	-1736.2	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-747.2	0.0	98.1	766.2
11-15	si	7	Tz		-129.9	149.6	0.0	289.8
12- 5	si	5	Ty		-200.6	0.0	-157.7	338.9

-----  
 PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	311465.6	66977.4	77332.1	-1282.8	674.0	-1906.3
11-15	69368.7	77099.3	98405.2	-1802.7	761.4	377.9
12- 5	-252503.8	-71724.4	-73309.7	-1728.2	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-693.5	0.0	98.1	714.0
11-15	si	7	Tz		-137.0	149.6	0.0	293.1
12- 5	si	5	Ty		-184.0	0.0	-157.7	329.3

-----  
 PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	290011.0	59395.8	77332.1	-1274.8	674.0	-1906.3
11-15	73591.8	68535.0	98405.2	-1794.7	761.4	377.9
12- 5	-217279.5	-64516.3	-73309.7	-1720.2	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-639.8	0.0	98.1	662.0
11-15	si	7	Tz		-144.0	149.6	0.0	296.4
12- 5	si	5	Ty		-167.3	0.0	-157.7	320.3

-----  
 PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	268553.6	51814.3	77332.1	-1266.9	674.0	-1906.3
11-15	77805.6	59971.1	98405.2	-1786.7	761.4	377.9
12- 5	-182052.5	-57308.4	-73309.7	-1712.3	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-586.1	0.0	98.1	610.2
11-15	si	7	Tz		-151.0	149.6	0.0	299.9
12- 5	si	5	Ty		-150.7	0.0	-157.7	311.9

-----  
 PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	247091.9	44233.1	77332.1	-1258.9	674.0	-1906.3
11-15	82004.6	51407.6	98405.2	-1778.8	761.4	377.9
12- 5	-146821.1	-50100.6	-73309.7	-1704.3	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-532.4	0.0	98.1	558.8
11-15	si	7	Tz		-158.0	149.6	0.0	303.5
12- 5	si	5	Ty		-134.0	0.0	-157.7	304.2

-----  
 PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	225622.5	36652.1	77332.1	-1250.9	674.0	-1906.3
11-15	86178.1	42844.7	98405.2	-1770.8	761.4	377.9
12- 5	-111582.1	-42893.1	-73309.7	-1696.3	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-478.6	0.0	98.1	507.9
11-15	si	7	Tz		-165.0	149.6	0.0	307.2
12- 5	si	5	Ty		-117.4	0.0	-157.7	297.2

-----  
 PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	243765.5	-13332.0	8595.6	-5147.2	70.1	2426.6
11-15	90302.0	34282.8	98405.2	-1762.8	761.4	377.9
12- 5	-76328.4	-35686.1	-73309.7	-1688.4	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-498.8	0.0	10.9	499.2
11-15	si	7	Tz		-171.8	149.6	0.0	310.9
12- 5	si	5	Ty		-100.7	0.0	-157.7	291.1

-----  
 PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	271065.0	-14121.1	8595.6	-5136.8	70.1	2426.6
11-15	94308.9	25723.0	98405.2	-1754.8	761.4	377.9
12- 5	-41039.8	-28480.0	-73309.7	-1680.4	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-546.6	0.0	10.9	546.9
11-15	si	7	Tz		-178.5	149.6	0.0	314.6
12- 5	si	5	Ty		-84.1	0.0	-157.7	285.7

----- PROGR. 90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	298364.6	-14910.2	8595.6	-5126.5	70.1	2426.6
11-15	97929.6	17167.4	98405.2	-1746.9	761.4	377.9
12- 5	-5635.8	-21275.9	-73309.7	-1672.4	-640.8	3130.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-594.3	0.0	10.9
11-15	si	7	Tz		-184.5	149.6	0.0
12- 5	si	5	Ty		-67.4	0.0	-157.7

----- PROGR. 90.

VERIFICA STABILITA` :

L0 = 90.  
 Z Lc = 90. | Ro = 9.06 | lm = 9.9 | Ncr = 18962948.5 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 90. | Ro = 6.01 | lm = 15.0 | Ncr = 8351559.2 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 12-12 - Nodo 2 - Asse Y  
 Ned = -1290.8 | Mzeq = 321177.5 | Myeq = 57504.3 | Ss = -688.2 ( 0.204)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	298364.6	-14910.2	8595.6	-4974.8	464.8	2394.9
11-15	97929.6	17167.4	98405.2	-1643.3	815.0	404.2
12- 5	-5635.8	-21275.9	-73309.7	-1568.9	-518.4	3028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-592.6	0.0	10.9
11-15	si	7	Tz		-183.4	151.3	0.0
12- 5	si	5	Ty		-66.3	0.0	-155.6

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	325890.3	-20252.3	8595.6	-4964.2	464.8	2394.9
11-15	108662.1	7808.3	98405.2	-1635.2	815.0	404.2
12- 5	27343.1	-15325.4	-73309.7	-1560.7	-518.4	3028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-651.2	0.0	10.9
11-15	si	7	Tz		-201.4	151.3	0.0
12- 5	si	5	Ty		-52.5	0.0	-155.6

----- PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	353416.0	-25594.4	8595.6	-4953.6	464.8	2394.9
11-15	110051.0	-1504.8	98405.2	-1627.0	815.0	404.2
12- 5	63120.5	-9471.0	-73309.7	-1552.6	-518.4	3028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-709.8	0.0	10.9
11-15	si	7	Tz		-203.7	151.3	0.0
12- 5	si	5	Ty		-39.0	0.0	-155.6

----- PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	380941.7	-30936.5	8595.6	-4943.0	464.8	2394.9
11-15	113982.5	-11013.4	98405.2	-1618.9	815.0	404.2
12- 5	98241.8	-3359.7	-73309.7	-1544.4	-518.4	3028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-768.4	0.0	10.9
11-15	si	7	Tz		-210.2	151.3	0.0
12- 5	si	5	Ty		-24.8	0.0	-155.6

----- PROGR. 46.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	408467.4	-36278.6	8595.6	-4932.4	464.8	2394.9
11-15	118401.2	-20331.2	98405.2	-1610.7	815.0	404.2
12- 5	133039.3	2576.5	-73309.7	-1536.3	-518.4	3028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-827.0	0.0	10.9
11-15	si	7	Tz		-217.6	151.3	0.0
12- 5	si	5	Ty		-11.1	0.0	-155.6

----- PROGR. 57.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	435993.1	-41620.6	8595.6	-4921.9	464.8	2394.9
11-15	122919.5	-29689.6	98405.2	-1602.6	815.0	404.2
12- 5	167879.9	8529.7	-73309.7	-1528.2	-518.4	3028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-885.6	0.0	10.9
11-15	si	7	Tz		-225.1	151.3	0.0
12- 5	si	5	Ty		2.7	0.0	-155.6

----- PROGR. 69.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	463518.8	-46962.7	8595.6	-4911.3	464.8	2394.9
11-15	127488.0	-39052.9	98405.2	-1594.5	815.0	404.2
12- 5	202708.5	14485.4	-73309.7	-1520.0	-518.4	3028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-944.2	0.0	10.9
11-15	si	7	Tz		-232.7	151.3	0.0
12- 5	si	5	Ty		16.4	0.0	-155.6

----- PROGR. 80.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		491044.5	-52304.8	8595.6	-4900.7	464.8	2394.9
11-15		132082.2	-48417.7	98405.2	-1586.3	815.0	404.2
12- 5		237530.1	20442.0	-73309.7	-1511.9	-518.4	3028.4

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1002.7	0.0	10.9	1002.9
11-15	si	7	Tz		-240.4	151.3	0.0	355.6
12- 5	si	5	Ty		30.2	0.0	-155.6	271.1

----- PROGR. 92.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		518570.2	-57646.9	8595.6	-4890.1	464.8	2394.9
11-15		136691.2	-57783.3	98405.2	-1578.2	815.0	404.2
12- 5		272347.7	26399.1	-73309.7	-1503.7	-518.4	3028.4

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-1061.3	0.0	10.9	1061.5
11-15	si	7	Tz		-248.0	151.3	0.0	360.9
12- 5	si	5	Ty		44.0	0.0	-155.6	273.0

----- VERIFICA STABILITA` :

L0 = 92. |  
 Z |Lc = 92. |Ro = 9.06 |lm = 10.1 |Ncr= 18167570.9 |alfa(a) = 0.2100 |ki=1.0000 |  
 Y |Lc = 92. |Ro = 6.01 |lm = 15.3 |Ncr= 8001263.3 |alfa(a) = 0.2100 |ki=1.0000 |  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -4974.8 |Mzeq = 430488.0 |Myeq = -40552.2 |Ss = -874.7 ( 0.259 )

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 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		660350.8	122542.8	-78395.0	-2519.2	557.3	-3658.8
11- 5		1902.0	-173510.0	119547.9	-334.7	-883.7	37.2

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-1423.3	0.0	99.5	1433.7
11- 5	si	7	Tz		-6.9	-180.4	0.0	312.5
12-15	si	5	Ty		253.7	0.0	175.0	395.3

----- PROGR. 11.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		619188.9	116274.0	-78395.0	-2511.3	557.3	-3658.8
11- 5		2321.4	-163569.2	119547.9	-326.7	-883.7	37.2

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-1339.4	0.0	99.5	1350.4
11- 5	si	7	Tz		-7.5	-180.4	0.0	312.5
12-15	si	5	Ty		239.4	0.0	175.0	386.3

----- PROGR. 22.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		578027.0	110005.3	-78395.0	-2503.3	557.3	-3658.8
11- 5		2741.1	-153628.5	119547.9	-318.7	-883.7	37.2

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-1255.5	0.0	99.5	1267.2
11- 5	si	7	Tz		-8.2	-180.4	0.0	312.5
12-15	si	5	Ty		225.0	0.0	175.0	377.6

----- PROGR. 34.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		536865.0	103736.5	-78395.0	-2495.3	557.3	-3658.8
11- 5		3160.9	-143688.0	119547.9	-310.8	-883.7	37.2

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-1171.6	0.0	99.5	1184.2
11- 5	si	7	Tz		-8.8	-180.4	0.0	312.6
12-15	si	5	Ty		210.7	0.0	175.0	369.2

----- PROGR. 45.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		495702.9	97467.9	-78395.0	-2487.4	557.3	-3658.8
11- 5		3581.0	-133747.7	119547.9	-302.8	-883.7	37.2

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-1087.6	0.0	99.5	1101.2
11- 5	si	7	Tz		-9.4	-180.4	0.0	312.6
12-15	si	5	Ty		196.4	0.0	175.0	361.2

----- PROGR. 56.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		454540.7	91199.3	-78395.0	-2479.4	557.3	-3658.8
11- 5		4001.4	-123807.7	119547.9	-294.8	-883.7	37.2

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-1003.7	0.0	99.5	1018.4
11- 5	si	7	Tz		-10.0	-180.4	0.0	312.6
12-15	si	5	Ty		182.1	0.0	175.0	353.7

----- PROGR. 68.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		413378.3	84930.8	-78395.0	-2471.4	557.3	-3658.8
11- 5		4422.4	-113868.0	119547.9	-286.9	-883.7	37.2

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-919.8	0.0	99.5	935.8



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11- 5	si	7	Tz	-10.6	-180.4	0.0	312.6
12-15	si	5	Ty	167.8	0.0	175.0	346.5

79.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	372215.8	78662.5	-78395.0	-2463.4	557.3	-3658.8
11- 5	4844.0	-103928.7	119547.9	-278.9	-883.7	37.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-835.9	0.0	99.5
11- 5	si	7	Tz	-11.3	-180.4	0.0	312.6
12-15	si	5	Ty	153.5	0.0	175.0	339.8

90.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	331053.0	72394.3	-78395.0	-2455.5	557.3	-3658.8
11- 5	5266.5	-93990.0	119547.9	-270.9	-883.7	37.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-752.0	0.0	99.5
11- 5	si	7	Tz	-11.9	-180.4	0.0	312.7
12-15	si	5	Ty	139.1	0.0	175.0	333.6

-----  
VERIFICA STABILITA` :

L0 = 90.  
 Z |Lc = 90. |Ro = 9.06 |lm = 9.9 |Ncr= 18962948.5 |alfa(a)=0.2100 |ki=1.0000 |  
 Y |Lc = 90. |Ro = 6.01 |lm = 15.0 |Ncr= 8351559.2 |alfa(a)=0.2100 |ki=1.0000 |  
 Caso12-15 - Nodo 2 - Asse Y  
 Ned = -2519.2 |Mzeq = 644413.3 |Myeq = 122542.8 |Ss = -1396.7 ( 0.413)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	331053.0	72394.3	-78395.0	-2350.0	563.8	-3655.0
11- 5	5266.5	-93990.0	119547.9	-165.5	-836.5	36.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-750.8	0.0	99.5
11- 5	si	7	Tz	-10.7	-178.9	0.0	310.0
12-15	si	5	Ty	140.3	0.0	175.0	333.9

11.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	289933.0	66053.1	-78395.0	-2342.0	563.8	-3655.0
11- 5	5680.4	-84583.6	119547.9	-157.5	-836.5	36.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-666.8	0.0	99.5
11- 5	si	7	Tz	-11.3	-178.9	0.0	310.0
12-15	si	5	Ty	125.8	0.0	175.0	328.1

23.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	248812.3	59712.3	-78395.0	-2334.1	563.8	-3655.0
11- 5	6096.5	-75178.2	119547.9	-149.5	-836.5	36.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-582.7	0.0	99.5
11- 5	si	7	Tz	-11.9	-178.9	0.0	310.0
12-15	si	5	Ty	111.3	0.0	175.0	322.8

34.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	207690.6	53371.7	-78395.0	-2326.1	563.8	-3655.0
11- 5	6516.1	-65774.0	119547.9	-141.6	-836.5	36.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-498.7	0.0	99.5
11- 5	si	7	Tz	-12.6	-178.9	0.0	310.0
12-15	si	5	Ty	96.9	0.0	175.0	318.1

45.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	166566.8	47031.8	-78395.0	-2318.1	563.8	-3655.0
11- 5	6942.6	-56371.7	119547.9	-133.6	-836.5	36.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-414.7	0.0	99.5
11- 5	si	7	Tz	-13.2	-178.9	0.0	310.1
12-15	si	5	Ty	82.4	0.0	175.0	314.0
12-15	si	15	Si	-397.4	-121.5	0.0	449.7

56.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	125438.3	40692.7	-78395.0	-2310.2	563.8	-3655.0
11- 5	7385.0	-46972.1	119547.9	-125.6	-836.5	36.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-330.7	0.0	99.5
11- 5	si	7	Tz	-13.8	-178.9	0.0	310.1
12-15	si	5	Ty	67.9	0.0	175.0	310.6
12-15	si	10	Si	-310.4	0.0	130.0	383.4

68.

----- PROGR.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	84294.1	34355.0	-78395.0	-2302.2	563.8	-3655.0
11- 5	7879.7	-37577.2	119547.9	-117.7	-836.5	36.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-246.6	0.0	99.5	300.8
11- 5	si	7	Tz	-14.6	-178.9	0.0	310.1
12-15	si	5	Ty	53.4	0.0	175.0	307.7
12-15	si	10	Si	-233.0	0.0	130.0	324.0

79.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	43001.5	28019.8	-78395.0	-2294.2	563.8	-3655.0	
11- 5	8869.0	-28190.7	119547.9	-109.7	-836.5	36.3	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	-162.3	0.0	99.5	236.7
11- 5	si	7	Tz	-16.2	-178.9	0.0	310.2
12-15	si	5	Ty	39.0	0.0	175.0	305.5
12-15	si	6	Si	-89.8	0.0	175.0	316.1

PROGR. 90.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	44745.6	19240.0	16754.5	-673.2	-210.5	-1723.1	
11- 5	8155.9	-18822.2	119547.9	-101.7	-836.5	36.3	
12-15	2219.0	21690.1	-78395.0	-2286.3	563.8	-3655.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-127.1	0.0	21.3	132.4
11- 5	si	7	Tz	-14.9	-178.9	0.0	310.1
12-15	si	5	Ty	24.5	0.0	175.0	304.0
12-15	si	6	Si	-75.2	0.0	175.0	312.2

VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 9.06 | lm = 9.9 | Ncr = 18962948.5 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 90. | Ro = 6.01 | lm = 15.0 | Ncr = 8351559.2 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Caso12-15 - Nodo 2 - Asse Y  
 Ned = -2350.0 | Mzeq = 248289.7 | Myeq = 61145.1 | Ss = -585.4 ( 0.173 )

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 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	44745.6	19240.0	16754.5	-518.7	-715.9	-1755.7	
11- 5	8155.9	-18822.2	119547.9	3.7	-1066.9	34.6	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-125.4	0.0	21.3	130.7
11- 5	si	7	Tz	-13.7	-186.3	0.0	323.0
11- 5	si	9	Ty	-55.6	0.0	-177.6	312.5
11- 5	si	8	Si	13.8	-186.3	0.0	323.0

PROGR. 12.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-13	-48001.0	10524.2	-26126.9	-2513.1	130.8	-4050.3	
11- 5	8752.6	-6595.4	119547.9	11.9	-1066.9	34.6	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-133.0	0.0	33.1	144.9
11- 5	si	7	Tz	-14.6	-186.3	0.0	323.1
11- 5	si	9	Ty	-28.4	0.0	-177.6	308.9
11- 5	si	8	Si	14.9	-186.3	0.0	323.1

PROGR. 23.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-13	-94780.0	8765.1	-26126.9	-2504.9	130.8	-4050.3	
11- 5	9205.5	4886.5	119547.9	20.1	-1066.9	34.6	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-207.8	0.0	33.1	215.6
11- 5	si	7	Tz	-15.3	-186.3	0.0	323.1
11- 5	si	9	Ty	-2.6	0.0	-177.6	307.6
11- 5	si	8	Si	15.7	-186.3	0.0	323.1

PROGR. 35.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-13	-141567.7	7657.6	-26126.9	-2496.7	130.8	-4050.3	
11- 5	9629.8	18580.3	119547.9	28.3	-1066.9	34.6	
12-15	-124287.0	3829.7	-78395.0	-2156.3	511.6	-3647.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-284.0	0.0	33.1	289.8
11- 5	si	7	Tz	-15.9	-186.3	0.0	323.1
11- 5	si	9	Ty	28.3	0.0	-177.6	308.9
12-15	si	16	Si	-240.9	149.9	0.0	354.2

PROGR. 46.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-13	-188358.5	6097.8	-26126.9	-2488.5	130.8	-4050.3	
11- 5	10043.6	30742.5	119547.9	36.5	-1066.9	34.6	
12-15	-166432.5	-2031.6	-78395.0	-2148.1	511.6	-3647.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-359.3	0.0	33.1	363.9
11- 5	si	7	Tz	-16.5	-186.3	0.0	323.2
11- 5	si	9	Ty	55.7	0.0	-177.6	312.6
12-15	si	16	Si	-300.6	149.9	0.0	397.2

PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-13	-235150.8	4572.0	-26126.9	-2480.3	130.8	-4050.3
11- 5	10452.4	43019.3	119547.9	44.7	-1066.9	34.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-434.6	0.0	33.1	438.4
11- 5	si	7	Tz	-17.1	-186.3	0.0	323.2
11- 5	si	9	Ty	83.4	0.0	-177.6	318.7
12-13	si	16	Si	-432.9	77.6	0.0	453.3

69.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-281943.9	3053.9	-26126.9	-2472.1	130.8	-4050.3
11- 5	10858.4	55321.8	119547.9	52.8	-1066.9	34.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-510.0	0.0	33.1	513.2
11- 5	si	7	Tz	-17.7	-186.3	0.0	323.2
11- 5	si	9	Ty	111.2	0.0	-177.6	327.0
12-13	si	16	Si	-508.8	77.6	0.0	526.3

81.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-328737.5	1538.7	-26126.9	-2464.0	130.8	-4050.3
11- 5	11262.8	67634.1	119547.9	61.0	-1066.9	34.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-585.3	0.0	33.1	588.1
11- 5	si	7	Tz	-18.3	-186.3	0.0	323.3
11- 5	si	9	Ty	138.9	0.0	-177.6	337.5
12-13	si	16	Si	-584.8	77.6	0.0	600.0

92.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	-375531.5	24.9	-26126.9	-2455.8	130.8	-4050.3
11- 5	11666.1	79951.2	119547.9	69.2	-1066.9	34.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	3	Sx	-660.7	0.0	33.1	663.2
11- 5	si	7	Tz	-18.9	-186.3	0.0	323.3
11- 5	si	9	Ty	166.7	0.0	-177.6	349.8
12-13	si	16	Si	-660.7	77.6	0.0	674.2

VERIFICA STABILITA` :

L0 = 92.  
 Z Lc = 92. | Ro = 9.06 | lm = 10.2 | Ncr = 17979366.1 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 92. | Ro = 6.01 | lm = 15.4 | Ncr = 7918375.2 | alfa(a) = 0.2100 | ki = 0.9998  
 Caso 12-13 - Nodo 3 - Asse Y  
 Ned = -2521.2 | Mzeq = -281648.6 | Myeq = 9048.6 | Ss = -523.9 ( 0.155)

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 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	749408.6	108851.5	-71176.2	-2732.6	588.1	-4073.9
11-12	123036.6	173133.2	-120023.4	-1297.8	887.4	-676.7
12-11	728565.3	124238.0	-78910.0	-2697.6	662.5	-3963.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	-1544.4	0.0	90.3	1552.3
11-12	si	13	Tz	112.3	182.6	0.0	335.5
12-11	si	5	Ty	255.6	0.0	182.0	405.8
12-11	si	2	Si	-1544.2	0.0	100.1	1554.0

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	703577.0	102235.5	-71176.2	-2724.6	588.1	-4073.9
11-12	115422.8	163151.1	-120023.4	-1289.8	887.4	-676.7
12-11	683971.1	116785.7	-78910.0	-2689.6	662.5	-3963.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	-1451.8	0.0	90.3	1460.2
11-12	si	13	Tz	105.9	182.6	0.0	333.5
12-11	si	5	Ty	238.6	0.0	182.0	395.3
12-11	si	2	Si	-1451.8	0.0	100.1	1462.1

22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	639376.8	109333.4	-78910.0	-2681.7	662.5	-3963.9
11-12	107808.9	153169.1	-120023.4	-1281.9	887.4	-676.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-1359.4	0.0	100.1	1370.4
11-12	si	13	Tz	99.6	182.6	0.0	331.5
12-11	si	5	Ty	221.5	0.0	182.0	385.3

34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	594782.6	101881.2	-78910.0	-2673.7	662.5	-3963.9
11-12	100194.8	143187.3	-120023.4	-1273.9	887.4	-676.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-1267.0	0.0	100.1	1278.8
11-12	si	13	Tz	93.3	182.6	0.0	329.7
12-11	si	5	Ty	204.5	0.0	182.0	375.7

45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	550188.2	94429.0	-78910.0	-2665.7	662.5	-3963.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11-12		92580.5	133205.6	-120023.4	-1265.9	887.4	-676.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-1174.5	0.0	100.1
11-12	si	13	Tz		86.9	182.6	0.0
12-11	si	5	Ty		187.4	0.0	182.0

56.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		50599.8	86976.9	-78910.0	-2657.8	662.5	-3963.9
11-12		84965.9	123224.1	-120023.4	-1258.0	887.4	-676.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-1082.1	0.0	100.1
11-12	si	13	Tz		80.6	182.6	0.0
12-11	si	5	Ty		170.4	0.0	182.0

68.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		460999.3	79524.9	-78910.0	-2649.8	662.5	-3963.9
11-12		77351.1	113242.8	-120023.4	-1250.0	887.4	-676.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-989.7	0.0	100.1
11-12	si	13	Tz		74.3	182.6	0.0
12-11	si	5	Ty		153.4	0.0	182.0

79.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		416404.7	72073.0	-78910.0	-2641.8	662.5	-3963.9
11-12		69735.8	103261.8	-120023.4	-1242.0	887.4	-676.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-897.2	0.0	100.1
11-12	si	13	Tz		67.9	182.6	0.0
12-11	si	5	Ty		136.3	0.0	182.0

90.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		371809.9	64621.2	-78910.0	-2633.9	662.5	-3963.9
11-12		62119.9	93281.2	-120023.4	-1234.0	887.4	-676.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-804.8	0.0	100.1
11-12	si	13	Tz		61.6	182.6	0.0
12-11	si	5	Ty		119.3	0.0	182.0

## VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 9.06 | lm = 9.9 | Ncr = 18962948.5 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 90. | Ro = 6.01 | lm = 15.0 | Ncr = 8351559.2 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso12-11 - Nodo 2 - Asse Y  
 Ned = -2697.6 | Mzeq = 585863.1 | Myeq = 100391.2 | Ss = -1249.0 ( 0.369)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		371809.9	64621.2	-78910.0	-2531.5	620.4	-3962.8
11-12		62119.9	93281.2	-120023.4	-1131.7	840.1	-677.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-803.7	0.0	100.1
11-12	si	13	Tz		62.7	181.3	0.0
12-11	si	5	Ty		120.4	0.0	182.0

11.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		327227.1	57642.3	-78910.0	-2523.6	620.4	-3962.8
11-12		54494.1	83833.7	-120023.4	-1123.8	840.1	-677.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-712.4	0.0	100.1
11-12	si	13	Tz		57.4	181.3	0.0
12-11	si	5	Ty		104.5	0.0	182.0

23.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		282643.9	50663.8	-78910.0	-2515.6	620.4	-3962.8
11-12		46867.3	74387.0	-120023.4	-1115.8	840.1	-677.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-621.0	0.0	100.1
11-12	si	13	Tz		52.2	181.3	0.0
12-11	si	5	Ty		88.5	0.0	182.0

34.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		238060.4	43685.5	-78910.0	-2507.6	620.4	-3962.8
11-12		39238.9	64941.5	-120023.4	-1107.8	840.1	-677.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	Si	-529.7	0.0	100.1
11-12	si	13	Tz		46.9	181.3	0.0
12-11	si	5	Ty		72.6	0.0	182.0

45.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
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12-11	193476.1	36707.9	-78910.0	-2499.7	620.4	-3962.8
11-12	31608.1	55497.5	-120023.4	-1099.8	840.1	-677.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-438.4	0.0	100.1	471.4
11-12	si	13	Tz	41.6	181.3	0.0	316.8
12-11	si	5	Ty	56.7	0.0	182.0	320.2
12-11	si	15	Si	-424.9	-123.8	0.0	475.9

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	148890.7	29731.0	-78910.0	-2491.7	620.4	-3962.8
11-12	23973.2	46056.1	-120023.4	-1091.9	840.1	-677.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-347.1	0.0	100.1	388.0
11-12	si	13	Tz	36.4	181.3	0.0	316.1
12-11	si	5	Ty	40.7	0.0	182.0	317.8
12-11	si	15	Si	-336.1	-123.8	0.0	398.7

PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	104303.0	22755.4	-78910.0	-2483.7	620.4	-3962.8
11-12	16330.8	36618.8	-120023.4	-1083.9	840.1	-677.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-255.7	0.0	100.1	309.0
11-12	si	13	Tz	31.1	181.3	0.0	315.6
12-11	si	5	Ty	24.8	0.0	182.0	316.2
12-11	si	10	Si	-238.9	0.0	133.0	331.9

PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	59710.7	15782.4	-78910.0	-2475.8	620.4	-3962.8
11-12	8671.2	27189.4	-120023.4	-1075.9	840.1	-677.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-164.4	0.0	100.1	238.9
11-12	si	13	Tz	25.9	181.3	0.0	315.1
12-11	si	5	Ty	8.8	0.0	182.0	315.3
12-11	si	6	Si	-63.7	0.0	182.0	321.6

PROGR. 90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	30093.1	-18862.9	-16400.9	-1873.7	186.4	-1247.6
11-12	959.8	17777.1	-120023.4	-1068.0	840.1	-677.5
12-11	15108.4	8815.0	-78910.0	-2467.8	620.4	-3962.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-114.9	0.0	20.8	120.4
11-12	si	13	Tz	20.9	181.3	0.0	314.7
12-11	si	5	Ty	-7.1	0.0	182.0	315.3
12-11	si	6	Si	-47.6	0.0	182.0	318.8

VERIFICA STABILITA` :

L0 = 90.  
 Z |Lc = 90. |Ro = 9.06 |lm = 9.9 |Ncr = 18962948.5 |alfa(a)=0.2100 |ki=1.0000 |  
 Y |Lc = 90. |Ro = 6.01 |lm = 15.0 |Ncr = 8351559.2 |alfa(a)=0.2100 |ki=1.0000 |  
 Caso12-11 - Nodo 2 - Asse Y  
 Ned = -2531.5 |Mzeq = 278857.4 |Myeq = 48465.9 |Ss = -609.9 ( 0.180)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 53- 10) 153  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	30093.1	-18862.9	-16400.9	-1723.8	669.1	-1279.3
11-12	959.8	17777.1	-120023.4	-965.6	1054.3	-645.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-113.2	0.0	20.8	118.8
11-12	si	13	Tz	22.0	186.7	0.0	324.0
11-12	si	9	Ty	28.7	0.0	185.2	322.1
11-12	si	16	Si	-43.4	186.7	0.0	326.2

PROGR. 12.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	15313.1	-26594.0	-16400.9	-1713.1	669.1	-1279.3
11-12	-7065.9	5659.4	-120023.4	-957.5	1054.3	-645.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-105.9	0.0	20.8	111.9
11-12	si	13	Tz	12.2	186.7	0.0	323.5
11-12	si	9	Ty	13.2	0.0	185.2	321.1
11-12	si	16	Si	-33.5	186.7	0.0	325.0

PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	-76847.6	-10895.2	-18848.0	-2339.5	344.1	-4190.6
11-12	-13217.1	-5828.6	-120023.4	-949.3	1054.3	-645.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	-180.6	0.0	23.9	185.3
11-12	si	13	Tz	0.5	186.7	0.0	323.3
11-12	si	9	Ty	-3.8	0.0	185.2	320.8
11-12	si	8	Si	-32.8	186.5	0.0	324.8

PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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12-12	-120235.5	-18469.8	-71176.2	-2375.9	719.9	-3939.4
11-12	-20956.6	-19008.6	-120023.4	-941.1	1054.3	-645.5
12-11	-117520.6	-18956.5	-78910.0	-2340.9	798.9	-3830.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	-271.6	0.0	90.3	313.4
11-12	si	13	Tz	-11.8	186.7	0.0	323.5
11-12	si	9	Ty	-22.2	0.0	185.2	321.6
12-11	si	16	Si	-187.6	160.0	0.0	334.6

PROGR. 46.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-165772.6	-26758.5	-71176.2	-2367.7	719.9	-3939.4
11-12	-28491.2	-31100.5	-120023.4	-932.9	1054.3	-645.5
12-11	-161796.3	-28158.4	-78910.0	-2332.7	798.9	-3830.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	-367.3	0.0	90.3	399.2
11-12	si	13	Tz	-22.3	186.7	0.0	324.1
11-12	si	9	Ty	-38.4	0.0	185.2	323.1
12-11	si	14	Si	-353.1	-117.7	0.0	407.8

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-211297.3	-35066.7	-71176.2	-2359.5	719.9	-3939.4
11-12	-35984.5	-43254.1	-120023.4	-924.7	1054.3	-645.5
12-11	-206059.6	-37379.9	-78910.0	-2324.5	798.9	-3830.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	-463.1	0.0	90.3	488.8
11-12	si	13	Tz	-33.0	186.7	0.0	325.0
11-12	si	9	Ty	-54.8	0.0	185.2	325.5
12-11	si	4	Si	-459.2	0.0	100.1	490.9

PROGR. 69.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-256817.6	-43379.6	-71176.2	-2351.3	719.9	-3939.4
11-12	-43462.8	-55422.0	-120023.4	-916.5	1054.3	-645.5
12-11	-250318.5	-46605.9	-78910.0	-2316.4	798.9	-3830.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	-558.9	0.0	90.3	580.4
11-12	si	13	Tz	-43.8	186.7	0.0	326.3
11-12	si	9	Ty	-71.2	0.0	185.2	328.6
12-11	si	4	Si	-555.0	0.0	100.1	581.4

PROGR. 81.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-302335.8	-51694.2	-71176.2	-2343.2	719.9	-3939.4
11-12	-50933.9	-67595.4	-120023.4	-908.4	1054.3	-645.5
12-11	-294575.3	-55833.8	-78910.0	-2308.2	798.9	-3830.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	-654.7	0.0	90.3	673.1
11-12	si	13	Tz	-54.6	186.7	0.0	327.9
11-12	si	9	Ty	-87.7	0.0	185.2	332.6
12-11	si	4	Si	-650.7	0.0	100.1	673.4

PROGR. 92.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-347852.8	-60009.8	-71176.2	-2335.0	719.9	-3939.4
11-12	-58401.2	-79771.6	-120023.4	-900.2	1054.3	-645.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	-750.5	0.0	90.3	766.6
11-12	si	13	Tz	-65.4	186.7	0.0	329.9
11-12	si	9	Ty	-104.2	0.0	185.2	337.3

VERIFICA STABILITA` :

L0 = 92.  
 Z |Lc = 92. |Ro = 9.06 |lm = 10.2 |Ncr= 17979366.1 |alfa(a)=0.2100 |ki=1.0000 |  
 Y |Lc = 92. |Ro = 6.01 |lm = 15.4 |Ncr= 7918375.2 |alfa(a)=0.2100 |ki=0.9998 |  
 Caso12-12 - Nodo 4 - Asse Y  
 Ned = -2400.4 |Mzeq = -260889.6 |Myeq = -45007.3 |Ss = -570.2 ( 0.169)

CASSONE\_s005 ( 5) stato limite ultimo - ASTA ( 227- 94) 465  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-707740.9	5032.2	51217.0	-1747.1	82.0	6286.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-1224.7	0.0	65.0	1229.8
6- 1	si	14	Tz	-1203.4	130.7	0.0	1224.5
6- 1	si	5	Ty	-7.8	0.0	-194.8	337.6
6- 1	si	16	Si	-1222.8	-126.4	0.0	1242.3

PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-646371.9	4230.9	51217.0	-1746.9	82.0	6277.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-1119.3	0.0	65.0	1125.0
6- 1	si	14	Tz	-1101.4	130.6	0.0	1124.4
6- 1	si	5	Ty	-9.6	0.0	-194.7	337.3
6- 1	si	16	Si	-1117.8	-126.3	0.0	1139.0

PROGR. 20.

SOLLECITAZIONI :

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Caso	MZ	MY	MT	N	TZ	TY	
6-1	-585090.8	3429.6	51217.0	-1746.6	82.0	6268.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1014.1	0.0	65.0	1020.3
6-1	si	14	Tz	-999.6	130.6	0.0	1024.9
6-1	si	5	Ty	-11.5	0.0	-194.5	337.0
6-1	si	16	Si	-1012.8	-126.2	0.0	1036.2

29.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-523897.5	2628.3	51217.0	-1746.4	82.0	6259.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-909.1	0.0	65.0	916.0
6-1	si	14	Tz	-897.9	130.5	0.0	925.9
6-1	si	5	Ty	-13.3	0.0	-194.3	336.8
6-1	si	16	Si	-908.1	-126.1	0.0	934.0

39.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-462792.0	1827.0	51217.0	-1746.2	82.0	6250.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-804.1	0.0	65.0	812.0
6-1	si	14	Tz	-796.4	130.4	0.0	827.8
6-1	si	5	Ty	-15.2	0.0	-194.1	336.5
6-1	si	16	Si	-803.5	-126.0	0.0	832.6

49.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-401774.5	1025.7	51217.0	-1746.0	82.0	6241.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-699.4	0.0	65.0	708.4
6-1	si	14	Tz	-695.0	130.3	0.0	730.8
6-1	si	5	Ty	-17.0	0.0	-193.9	336.3
6-1	si	16	Si	-699.0	-125.9	0.0	732.3

59.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-340844.8	224.4	51217.0	-1745.7	82.0	6232.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-594.8	0.0	65.0	605.3
6-1	si	14	Tz	-593.8	130.2	0.0	635.2
6-1	si	5	Ty	-18.8	0.0	-193.7	336.1

68.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-280002.9	-576.9	51217.0	-1745.5	82.0	6223.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-492.9	0.0	65.0	505.6
6-1	si	14	Tz	-492.7	130.1	0.0	541.8
6-1	si	5	Ty	-20.7	0.0	-193.5	335.9

78.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-219249.0	-1378.2	51217.0	-1745.3	82.0	6214.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-392.3	0.0	65.0	408.1
6-1	si	14	Tz	-391.8	130.0	0.0	451.9
6-1	si	5	Ty	-22.5	0.0	-193.4	335.7

VERIFICA STABILITA` :

L0 = 78.  
 Z | Lc = 78. | Ro = 9.06 | lm = 8.6 | Ncr = 25146894.0 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 78. | Ro = 6.01 | lm = 13.0 | Ncr = 11075059.1 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -1747.1 | Mzeq = -601934.2 | Myeq = 3774.2 | Ss = -1043.4 ( 0.309)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 228- 1) 466  
----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-805151.2	3730.7	27478.6	-2525.5	-29.9	5253.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1394.6	0.0	34.9	1395.9
6-1	si	13	Tz	1337.3	-88.8	0.0	1346.1
6-1	si	5	Ty	-19.4	0.0	-143.4	249.1
6-1	si	16	Si	-1393.2	-88.8	0.0	1401.7

9.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	-755784.8	4011.9	27478.6	-2525.3	-29.9	5245.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1312.0	0.0	34.9	1313.4
6-1	si	13	Tz	1254.5	-88.7	0.0	1263.9
6-1	si	5	Ty	-18.8	0.0	-143.2	248.8
6-1	si	16	Si	-1310.5	-88.7	0.0	1319.5

19.

Caso	MZ	MY	MT	N	TZ	TY
6-1	-706499.8	4293.2	27478.6	-2525.1	-29.9	5236.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1229.5	0.0	34.9	1231.0
6-1	si	13	Tz	1172.0	-88.6	0.0	1182.0
6-1	si	5	Ty	-18.1	0.0	-143.0	248.4
6-1	si	16	Si	-1227.9	-88.6	0.0	1237.5

28.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-657296.2	4574.4	27478.6	-2524.9	-29.9	5227.7	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1147.2	0.0	34.9	1148.7
6-1	si	13	Tz	1089.5	-88.5	0.0	1100.3
6-1	si	5	Ty	-17.5	0.0	-142.9	248.0
6-1	si	16	Si	-1145.5	-88.5	0.0	1155.7

38.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-608174.0	4855.6	27478.6	-2524.6	-29.9	5219.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1064.9	0.0	34.9	1066.7
6-1	si	13	Tz	1007.2	-88.4	0.0	1018.8
6-1	si	5	Ty	-16.8	0.0	-142.7	247.7
6-1	si	16	Si	-1063.2	-88.4	0.0	1074.1

47.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-559133.2	5136.9	27478.6	-2524.4	-29.9	5210.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-982.9	0.0	34.9	984.7
6-1	si	13	Tz	925.0	-88.4	0.0	937.6
6-1	si	5	Ty	-16.2	0.0	-142.5	247.3
6-1	si	16	Si	-981.0	-88.4	0.0	992.8

56.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-510173.8	5418.1	27478.6	-2524.2	-29.9	5201.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-900.9	0.0	34.9	903.0
6-1	si	13	Tz	843.0	-88.3	0.0	856.7
6-1	si	5	Ty	-15.5	0.0	-142.3	247.0
6-1	si	16	Si	-898.9	-88.3	0.0	911.9

66.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-461295.9	5699.3	27478.6	-2524.0	-29.9	5193.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-819.1	0.0	34.9	821.4
6-1	si	13	Tz	761.1	-88.2	0.0	776.3
6-1	si	5	Ty	-14.9	0.0	-142.1	246.6
6-1	si	16	Si	-817.0	-88.2	0.0	831.2

75.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-412499.4	5980.5	27478.6	-2523.8	-29.9	5184.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-737.5	0.0	34.9	739.9
6-1	si	13	Tz	679.3	-88.1	0.0	696.3
6-1	si	5	Ty	-14.2	0.0	-142.0	246.3
6-1	si	16	Si	-735.3	-88.1	0.0	750.9

## VERIFICA STABILITA` :

L0 = 75.  
 Z Lc = 75. | Ro = 9.06 | lm = 8.3 | Ncr = 27136989.8 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 75. | Ro = 6.01 | lm = 12.5 | Ncr = 11951526.3 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -2525.5 | Mzeq = -790908.4 | Myeq = 5980.5 | Ss = -1375.9 ( 0.407)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 229- 82) 467  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-971547.6	729.3	40753.4	-2283.0	21.3	9110.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1665.7	0.0	51.7	1668.1
6-1	si	14	Tz	-1662.6	144.4	0.0	1681.3
6-1	si	5	Ty	-23.6	0.0	-239.9	416.2
6-1	si	16	Si	-1665.4	-143.3	0.0	1683.8

10.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-882693.7	521.4	40753.4	-2283.2	21.3	9101.1	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1515.3	0.0	51.7	1518.0
6-1	si	14	Tz	-1513.1	144.3	0.0	1533.6
6-1	si	5	Ty	-24.1	0.0	-239.7	415.9
6-1	si	16	Si	-1515.1	-143.2	0.0	1535.3

20.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1			-793927.5		313.6	40753.4	-2283.3	21.3	9092.1
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	3	Sx		-1365.1	0.0	51.7	1368.1	
6-1	si	14	Tz		-1363.8	144.2	0.0	1386.5	
6-1	si	5	Ty		-24.6	0.0	-239.5	415.6	
6-1	si	16	Si		-1365.0	-143.1	0.0	1387.4	

SOLLECITAZIONI : ----- PROGR. 29.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-705249.0		105.7	40753.4	-2283.5	21.3	9083.1
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	3	Sx		-1215.1	0.0	51.7	1218.4	
6-1	si	14	Tz		-1214.6	144.1	0.0	1240.0	
6-1	si	5	Ty		-25.1	0.0	-239.3	415.3	
6-1	si	16	Si		-1215.1	-143.0	0.0	1240.0	

SOLLECITAZIONI : ----- PROGR. 39.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-616658.1		-102.2	40753.4	-2283.7	21.3	9074.1
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-1065.7	0.0	51.7	1069.4	
6-1	si	14	Tz	Si	-1065.6	144.1	0.0	1094.4	
6-1	si	5	Ty		-25.5	0.0	-239.2	415.0	

SOLLECITAZIONI : ----- PROGR. 49.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-528154.9		-310.1	40753.4	-2283.9	21.3	9065.2
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-916.9	0.0	51.7	921.2	
6-1	si	14	Tz	Si	-916.7	144.0	0.0	950.1	
6-1	si	5	Ty		-26.0	0.0	-239.0	414.7	

SOLLECITAZIONI : ----- PROGR. 59.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-439739.3		-517.9	40753.4	-2284.0	21.3	9056.2
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-768.2	0.0	51.7	773.4	
6-1	si	14	Tz	Si	-768.0	143.9	0.0	807.4	
6-1	si	5	Ty		-26.5	0.0	-238.8	414.4	

SOLLECITAZIONI : ----- PROGR. 68.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-351411.5		-725.8	40753.4	-2284.2	21.3	9047.2
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-619.7	0.0	51.7	626.1	
6-1	si	14	Tz	Si	-619.4	143.8	0.0	667.6	
6-1	si	5	Ty		-27.0	0.0	-238.6	414.1	

SOLLECITAZIONI : ----- PROGR. 78.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-263171.3		-933.7	40753.4	-2284.4	21.3	9038.2
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-471.4	0.0	51.7	479.8	
6-1	si	14	Tz	Si	-471.0	143.7	0.0	532.7	
6-1	si	5	Ty		-27.5	0.0	-238.4	413.9	

VERIFICA STABILITA` :

L0 = 78.  
 Z | Lc = 78. | Ro = 9.06 | lm = 8.6 | Ncr = 25204236.1 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 78. | Ro = 6.01 | lm = 13.0 | Ncr = 11100313.4 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -2284.4 | Mzeq = -801959.4 | Myeq = -700.3 | Ss = -1379.7 ( 0.408)

CASSONE\_S005 ( 5) ----- stato limite ultimo - ASTA ( 230- 81) 468  
 ----- PROGR. 0.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-816813.9		-2232.0	-16222.5	-2095.3	-25.1	7089.5
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-1406.1	0.0	20.6	1406.5	
6-1	si	13	Tz		1350.2	-93.0	0.0	1359.8	
6-1	si	5	Ty		-28.3	0.0	-167.0	290.7	
6-1	si	14	Si		-1405.2	91.6	0.0	1414.2	

SOLLECITAZIONI : ----- PROGR. 16.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-701604.3		-1823.1	-16222.5	-2095.6	-25.1	7074.5
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-1210.8	0.0	20.6	1211.3	
6-1	si	13	Tz		1156.7	-92.8	0.0	1167.8	
6-1	si	5	Ty		-27.4	0.0	-166.7	290.1	
6-1	si	14	Si		-1210.1	91.5	0.0	1220.5	

SOLLECITAZIONI : ----- PROGR. 33.

Caso			MZ		MY	MT	N	TZ	TY
6-1			-586638.4		-1414.2	-16222.5	-2095.9	-25.1	7059.6
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	4	Sx		-1016.0	0.0	20.6	1016.6	

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	13	Tz	963.5	-92.7	0.0	976.8
6-1	si	5	Ty	-26.5	0.0	-166.4	289.5
6-1	si	14	Si	-1015.4	91.3	0.0	1027.7

----- PROGR. 49.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-471916.1	-1005.4	-16222.5	-2096.2	-25.1	7044.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-821.5	0.0	20.6	822.3
6-1	si	13	Tz	770.8	-92.5	0.0	787.3
6-1	si	5	Ty	-25.5	0.0	-166.1	288.8
6-1	si	14	Si	-821.2	91.2	0.0	836.2

----- PROGR. 65.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-357437.5	-596.5	-16222.5	-2096.5	-25.1	7029.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-627.5	0.0	20.6	628.5
6-1	si	13	Tz	578.5	-92.4	0.0	600.2
6-1	si	5	Ty	-24.6	0.0	-165.8	288.2
6-1	si	14	Si	-627.3	91.0	0.0	646.8

----- PROGR. 81.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-243202.5	-187.6	-16222.5	-2096.8	-25.1	7014.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-433.9	0.0	20.6	435.3
6-1	si	13	Tz	386.6	-92.2	0.0	418.3
6-1	si	5	Ty	-23.7	0.0	-165.5	287.6
6-1	si	16	Si	-433.1	-92.2	0.0	461.6

----- PROGR. 98.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-129211.3	221.2	-16222.5	-2097.1	-25.1	6999.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-241.7	0.0	20.6	244.3
6-1	si	13	Tz	195.1	-92.1	0.0	252.0
6-1	si	5	Ty	-22.7	0.0	-165.2	287.0
6-1	si	16	Si	-241.6	-92.1	0.0	289.5

----- PROGR. 114.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	-2474.7	61815.2	-6747.0	-4183.5	-469.3	1658.3
6-1	-15463.6	630.1	-16222.5	-2097.4	-25.1	6984.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	3	Sx	-192.6	0.0	8.6	193.1
6-1	si	13	Tz	4.1	-91.9	0.0	159.2
6-1	si	5	Ty	-21.8	0.0	-164.9	286.4
6-1	si	6	Si	-24.7	0.0	-164.9	286.6

----- PROGR. 130.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	24371.0	68190.7	-6747.0	-4183.7	-469.3	1646.8
6-1	98040.3	1039.0	-16222.5	-2097.7	-25.1	6969.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	2	Sx	-244.2	0.0	8.6	244.6
6-1	si	13	Tz	-186.6	-91.8	0.0	245.1
6-1	si	5	Ty	-20.9	0.0	-164.6	285.8
6-1	si	6	Si	-25.6	0.0	-164.6	286.2

## VERIFICA STABILITA` :

L0 = 130.  
 Z | Lc = 130. | Ro = 9.06 | lm = 14.4 | Ncr = 9068785.0 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 130. | Ro = 6.01 | lm = 21.6 | Ncr = 3994025.3 | alfa(a) = 0.2100 | ki = 0.9814 |  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -2097.7 | Mzeq = -612610.4 | Myeq = -1674.0 | Ss = -1061.1 ( 0.314 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 231- 3 ) 469  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-817001.2	-5744.0	-33509.8	-2069.2	50.4	6502.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1414.2	0.0	42.5	1416.1
6-1	si	14	Tz	-1412.1	109.6	0.0	1424.8
6-1	si	5	Ty	-36.1	0.0	-176.8	308.4

----- PROGR. 2.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-802373.9	-5857.5	-33509.8	-2069.1	50.4	6500.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1389.8	0.0	42.5	1391.7
6-1	si	14	Tz	-1387.6	109.6	0.0	1400.5
6-1	si	5	Ty	-36.4	0.0	-176.8	308.4

----- PROGR. 5.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-787751.2	-5971.0	-33509.8	-2069.1	50.4	6497.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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6-1	si	4	Sx	-1365.4	0.0	42.5	1367.3
6-1	si	14	Tz Si	-1363.2	109.6	0.0	1376.3
6-1	si	5	Ty	-36.6	0.0	-176.7	308.3

----- PROGR. 7.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-773133.2	-6084.5	-33509.8	-2069.0	50.4	6495.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1341.0	0.0	42.5	1343.0
6-1	si	14	Tz Si	-1338.7	109.6	0.0	1352.1
6-1	si	5	Ty	-36.9	0.0	-176.7	308.3

----- PROGR. 9.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-758519.9	-6198.0	-33509.8	-2069.0	50.4	6493.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1316.6	0.0	42.5	1318.6
6-1	si	14	Tz Si	-1314.3	109.5	0.0	1327.9
6-1	si	5	Ty	-37.2	0.0	-176.7	308.2

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-743911.2	-6311.4	-33509.8	-2068.9	50.4	6491.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1292.2	0.0	42.5	1294.3
6-1	si	14	Tz Si	-1289.9	109.5	0.0	1303.7
6-1	si	5	Ty	-37.4	0.0	-176.6	308.2

----- PROGR. 14.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-729307.2	-6424.9	-33509.8	-2068.9	50.4	6489.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1267.8	0.0	42.5	1269.9
6-1	si	14	Tz Si	-1265.5	109.5	0.0	1279.6
6-1	si	5	Ty	-37.7	0.0	-176.6	308.1

----- PROGR. 16.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-714707.8	-6538.4	-33509.8	-2068.8	50.4	6487.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1243.4	0.0	42.5	1245.6
6-1	si	14	Tz Si	-1241.0	109.5	0.0	1255.4
6-1	si	5	Ty	-38.0	0.0	-176.5	308.1

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-700113.1	-6651.9	-33509.8	-2068.7	50.4	6485.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-1219.1	0.0	42.5	1221.3
6-1	si	14	Tz Si	-1216.6	109.5	0.0	1231.3
6-1	si	5	Ty	-38.2	0.0	-176.5	308.1

## VERIFICA STABILITA` :

L0 = 18.  
 Z Lc = 18. | Ro = 9.06 | lm = 2.0 | Ncr=474073705.7 | alfa(a) = 0.2100 | ki=1.0000  
 Y Lc = 18. | Ro = 6.01 | lm = 3.0 | Ncr=208788978.0 | alfa(a) = 0.2100 | ki=1.0000  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -2069.2 | Mzeq = -817001.2 | Myeq = -6651.9 | Ss = -1416.3 ( 0.419)

## VERIFICA ELEMENTI IN ACCIAIO

lavoro : PCCVE5

Unità di misura:

Lunghezze: cm

Prop.Sez.: cm

Forze: daN

Momenti: daNcm

Tensioni: daN/cm2

## MATERIALI

S355 (EN 10025-2): Mod.El. = 210000.0; gM = 1.050;  
 fyk = 3550.0(3350.0 per sp>40 mm); fyd = 3381.0(3190.5 per sp>40 mm).

## CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	1
4	SLU VENTOX 1	2
5	SLU VENTOX 2	1
6	SLU VENTOX 2	2
7	SLU VENTOX 3	1
8	SLU VENTOX 3	2
11	SLU con SISMAY PRINC	16
12	SLU con SISMAY PRINC	16

## CARATTERISTICHE GEOMETRICHE

CASSONE\_S002 ( 2) :

A = 32.6400E+00 Jz=259.3792E+00 Jy=259.3792E+00 Jt=377.3184E+00  
 base= 8. ; alt= 8. ; spsup= 1. ; spsx= 1. ; spdx= 1. ; spinf= 1.

CASSONE_S002 ( 2 )	stato limite ultimo - ASTA ( 24- 149)						25
-----							0.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	0.0	0.0	0.0	-646.7	0.0	19.9	
6- 1	0.0	0.0	0.0	-364.1	0.0	25.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-19.8	0.0	0.0	19.8
6- 1	si	13	Tz	-11.2	-0.9	0.0	11.3
6- 1	si	5	Ty	-11.2	0.0	-1.7	11.6
12-10	si	5	Si	-19.8	0.0	-1.3	19.9
-----							19.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	336.5	0.0	0.0	-646.6	0.0	14.9	
6- 1	437.5	0.0	0.0	-364.0	0.0	19.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	-25.0	0.0	0.0	25.0
6- 1	si	13	Tz	-17.9	-0.7	0.0	17.9
6- 1	si	5	Ty	-11.2	0.0	-1.3	11.4
12-10	si	15	Si	-25.0	0.5	0.0	25.0
-----							39.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	576.9	0.0	0.0	-646.4	0.0	9.9	
6- 1	750.0	0.0	0.0	-363.8	0.0	12.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	-28.7	0.0	0.0	28.7
6- 1	si	13	Tz	-22.7	-0.5	0.0	22.7
6- 1	si	5	Ty	-11.1	0.0	-0.9	11.2
12-10	si	15	Si	-28.7	0.4	0.0	28.7
-----							58.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	721.1	0.0	0.0	-646.3	0.0	5.0	
6- 1	937.5	0.0	0.0	-363.6	0.0	6.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	-30.9	0.0	0.0	30.9
6- 1	si	13	Tz	-25.6	-0.2	0.0	25.6
6- 1	si	5	Ty	-11.1	0.0	-0.4	11.2
12-10	si	15	Si	-30.9	0.2	0.0	30.9
-----							78.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	769.2	0.0	0.0	-646.2	0.0	0.0	
11- 5	769.2	0.0	0.0	-81.5	0.0	0.0	
11-12	769.2	0.0	0.0	-84.4	0.0	0.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	-31.7	0.0	0.0	31.7
11- 5	si	7	Tz	-14.4	0.0	0.0	14.4
11-12	si	9	Ty	-10.9	0.0	0.0	10.9
-----							97.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	721.1	0.0	0.0	-646.0	0.0	-5.0	
6- 1	937.5	0.0	0.0	-363.3	0.0	-6.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	-30.9	0.0	0.0	30.9
6- 1	si	14	Tz	3.3	-0.2	0.0	3.4
6- 1	si	5	Ty	-11.1	0.0	0.4	11.2
12-10	si	15	Si	-30.9	-0.2	0.0	30.9
-----							116.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	576.9	0.0	0.0	-645.9	0.0	-9.9	
6- 1	750.0	0.0	0.0	-363.1	0.0	-12.9	
2- 1	750.0	0.0	0.0	-314.0	0.0	-12.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	-28.7	0.0	0.0	28.7
6- 1	si	14	Tz	0.4	-0.5	0.0	0.9
2- 1	si	5	Ty	-9.6	0.0	0.9	9.7
12-10	si	15	Si	-28.7	-0.4	0.0	28.7
-----							136.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	336.5	0.0	0.0	-645.8	0.0	-14.9	
6- 1	437.5	0.0	0.0	-363.0	0.0	-19.4	
4- 1	437.5	0.0	0.0	-264.6	0.0	-19.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	-25.0	0.0	0.0	25.0
6- 1	si	14	Tz	-4.4	-0.7	0.0	4.5
4- 1	si	5	Ty	-8.1	0.0	1.3	8.4
12-10	si	15	Si	-25.0	-0.5	0.0	25.0
-----							155.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	0.0	0.0	0.0	-645.7	0.0	-19.9	
6- 1	0.0	0.0	0.0	-362.8	0.0	-25.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	3	Sx	-19.8	0.0	0.0	19.8
6- 1	si	14	Tz	-11.1	-0.9	0.0	11.2

6-1	si	5	Ty	-11.1	0.0	1.7	11.5
12-10	si	6	Si	-19.8	0.0	1.3	19.9

-----  
 VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 12-10 - Nodo 2 - Asse Z  
 Ned = -646.7 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -33.9 ( 0.010 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 27- 152 ) 28  
 -----  
 SOLLECITAZIONI :  
 -----  
 PROG. 0.

Caso	MZ	MY	MT	N	TZ	TY
11-5	0.0	0.0	0.0	-1431.2	0.0	19.9
8-2	0.0	0.0	0.0	-142.5	0.0	25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-43.8	0.0	0.0	43.8
8-2	si	13	Tz	-4.4	-0.9	0.0	4.7
8-2	si	5	Ty	-4.4	0.0	-1.7	5.3
11-5	si	5	Si	-43.8	0.0	-1.3	43.9

-----  
 SOLLECITAZIONI :  
 -----  
 PROG. 19.

Caso	MZ	MY	MT	N	TZ	TY
11-5	336.5	0.0	0.0	-1431.0	0.0	14.9
8-2	437.5	0.0	0.0	-142.4	0.0	19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-49.0	0.0	0.0	49.0
8-2	si	13	Tz	-11.1	-0.7	0.0	11.2
8-2	si	5	Ty	-4.4	0.0	-1.3	4.9
11-5	si	13	Si	-49.0	-0.5	0.0	49.0

-----  
 SOLLECITAZIONI :  
 -----  
 PROG. 39.

Caso	MZ	MY	MT	N	TZ	TY
11-5	576.9	0.0	0.0	-1430.9	0.0	9.9
8-2	750.0	0.0	0.0	-142.2	0.0	12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-52.7	0.0	0.0	52.7
8-2	si	13	Tz	-15.9	-0.5	0.0	15.9
8-2	si	5	Ty	-4.4	0.0	-0.9	4.6
11-5	si	13	Si	-52.7	-0.4	0.0	52.7

-----  
 SOLLECITAZIONI :  
 -----  
 PROG. 58.

Caso	MZ	MY	MT	N	TZ	TY
11-5	721.1	0.0	0.0	-1430.8	0.0	5.0
8-2	937.5	0.0	0.0	-142.0	0.0	6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-55.0	0.0	0.0	55.0
8-2	si	13	Tz	-18.8	-0.2	0.0	18.8
8-2	si	5	Ty	-4.4	0.0	-0.4	4.4
11-5	si	13	Si	-55.0	-0.2	0.0	55.0

-----  
 SOLLECITAZIONI :  
 -----  
 PROG. 78.

Caso	MZ	MY	MT	N	TZ	TY
11-5	769.2	0.0	0.0	-1430.7	0.0	0.0
11-12	769.2	0.0	0.0	-1245.9	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-55.7	0.0	0.0	55.7
11-12	si	7	Tz	26.3	0.0	0.0	26.3
11-12	si	10	Ty	29.9	0.0	0.0	29.9

-----  
 SOLLECITAZIONI :  
 -----  
 PROG. 97.

Caso	MZ	MY	MT	N	TZ	TY
11-5	721.1	0.0	0.0	-1430.5	0.0	-5.0
6-1	937.5	0.0	0.0	-408.4	0.0	-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-54.9	0.0	0.0	54.9
6-1	si	14	Tz	1.9	-0.2	0.0	2.0
6-1	si	5	Ty	-12.5	0.0	0.4	12.5
11-5	si	13	Si	-54.9	0.2	0.0	54.9

-----  
 SOLLECITAZIONI :  
 -----  
 PROG. 116.

Caso	MZ	MY	MT	N	TZ	TY
11-5	576.9	0.0	0.0	-1430.4	0.0	-9.9
6-1	750.0	0.0	0.0	-408.2	0.0	-12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-52.7	0.0	0.0	52.7
6-1	si	14	Tz	-0.9	-0.5	0.0	1.2
6-1	si	5	Ty	-12.5	0.0	0.9	12.6
11-5	si	13	Si	-52.7	0.4	0.0	52.7

-----  
 SOLLECITAZIONI :  
 -----  
 PROG. 136.

Caso	MZ	MY	MT	N	TZ	TY
11-5	336.5	0.0	0.0	-1430.3	0.0	-14.9
6-1	437.5	0.0	0.0	-408.1	0.0	-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	-49.0	0.0	0.0	49.0
6-1	si	13	Tz	-19.2	0.7	0.0	19.3
6-1	si	5	Ty	-12.5	0.0	1.3	12.7
11-5	si	13	Si	-49.0	0.5	0.0	49.0

----- PROGR. 155.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		0.0	0.0	0.0	-1430.1	0.0	-19.9
6- 1		0.0	0.0	0.0	-407.9	0.0	-25.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	4	Sx	-43.8	0.0	0.0	43.8
6- 1	si	13	Tz	-12.5	0.9	0.0	12.6
6- 1	si	5	Ty	-12.5	0.0	1.7	12.9
11- 5	si	5	Si	-43.8	0.0	1.3	43.9

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11- 5 - Nodo 1 - Asse Z  
 Ned = -1431.2 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -62.6 ( 0.019)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 28- 112) 29  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		0.0	0.0	0.0	-2921.9	0.0	19.9
1- 1		0.0	0.0	0.0	-123.3	0.0	25.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-89.5	0.0	0.0	89.5
1- 1	si	14	Tz	-3.8	0.9	0.0	4.1
1- 1	si	5	Ty	-3.8	0.0	-1.7	4.8
11- 5	si	5	Si	-89.5	0.0	-1.3	89.6

----- PROGR. 19.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		336.5	0.0	0.0	-2921.8	0.0	14.9
1- 1		437.5	0.0	0.0	-123.1	0.0	19.4
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-94.7	0.0	0.0	94.7
1- 1	si	14	Tz	3.0	0.7	0.0	3.2
1- 1	si	5	Ty	-3.8	0.0	-1.3	4.4
11- 5	si	15	Si	-94.7	0.5	0.0	94.7

----- PROGR. 39.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		576.9	0.0	0.0	-2921.7	0.0	9.9
1- 1		750.0	0.0	0.0	-122.9	0.0	12.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-98.4	0.0	0.0	98.4
1- 1	si	14	Tz	7.8	0.5	0.0	7.8
1- 1	si	5	Ty	-3.8	0.0	-0.9	4.1
11- 5	si	15	Si	-98.4	0.4	0.0	98.4

----- PROGR. 58.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		721.1	0.0	0.0	-2921.5	0.0	5.0
1- 1		937.5	0.0	0.0	-122.8	0.0	6.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-100.6	0.0	0.0	100.6
1- 1	si	14	Tz	10.7	0.2	0.0	10.7
1- 1	si	5	Ty	-3.8	0.0	-0.4	3.8
11- 5	si	15	Si	-100.6	0.2	0.0	100.6

----- PROGR. 77.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		769.2	0.0	0.0	-2921.4	0.0	0.0
11-12		769.2	0.0	0.0	2825.9	0.0	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-101.4	0.0	0.0	101.4
11-12	si	7	Tz	74.7	0.0	0.0	74.7
11- 5	si	10	Ty	-97.8	0.0	0.0	97.8

----- PROGR. 97.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		721.1	0.0	0.0	-2921.3	0.0	-5.0
2- 1		937.5	0.0	0.0	-177.5	0.0	-6.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-100.6	0.0	0.0	100.6
2- 1	si	13	Tz	-19.9	0.2	0.0	19.9
2- 1	si	5	Ty	-5.4	0.0	0.4	5.5
11- 5	si	15	Si	-100.6	-0.2	0.0	100.6

----- PROGR. 116.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		576.9	0.0	0.0	-2921.2	0.0	-9.9
2- 1		750.0	0.0	0.0	-177.3	0.0	-12.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-98.4	0.0	0.0	98.4
2- 1	si	13	Tz	-17.0	0.5	0.0	17.0
2- 1	si	5	Ty	-5.4	0.0	0.9	5.6
11- 5	si	15	Si	-98.4	-0.4	0.0	98.4

----- PROGR. 136.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-2921.0	0.0	-14.9
2- 1	437.5	0.0	0.0	-177.1	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-94.7	0.0	0.0	94.7
2- 1	si	13	Tz	-12.2	0.7	0.0	12.2
2- 1	si	5	Ty	-5.4	0.0	1.3	5.9
11- 5	si	15	Si	-94.7	-0.5	0.0	94.7

----- PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-2920.9	0.0	-19.9
2- 1	0.0	0.0	0.0	-177.0	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	3	Sx	-89.5	0.0	0.0	89.5
2- 1	si	13	Tz	-5.4	0.9	0.0	5.7
2- 1	si	5	Ty	-5.4	0.0	1.7	6.2
11- 5	si	6	Si	-89.5	0.0	1.3	89.5

----- VERIFICA STABILITA` :

L0 = 155. |  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 5 - Nodo 2 - Asse Z  
 Ned = -2921.9 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -117.2 ( 0.035 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 29- 153 ) 30  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-2787.7	0.0	19.9
6- 1	0.0	0.0	0.0	-362.4	0.0	25.8
2- 1	0.0	0.0	0.0	-304.4	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-85.4	0.0	0.0	85.4
6- 1	si	13	Tz	-11.1	-0.9	0.0	11.2
2- 1	si	5	Ty	-9.3	0.0	-1.7	9.8
11-12	si	5	Si	-85.4	0.0	-1.3	85.4

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-2787.6	0.0	14.9
6- 1	437.5	0.0	0.0	-362.2	0.0	19.4
2- 1	437.5	0.0	0.0	-304.2	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-90.6	0.0	0.0	90.6
6- 1	si	13	Tz	-17.8	-0.7	0.0	17.9
2- 1	si	5	Ty	-9.3	0.0	-1.3	9.6
11-12	si	15	Si	-90.6	0.5	0.0	90.6

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-2787.4	0.0	9.9
6- 1	750.0	0.0	0.0	-362.0	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-94.3	0.0	0.0	94.3
6- 1	si	13	Tz	-22.7	-0.5	0.0	22.7
6- 1	si	5	Ty	-11.1	0.0	-0.9	11.2
11-12	si	15	Si	-94.3	0.4	0.0	94.3

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-2787.3	0.0	5.0
6- 1	937.5	0.0	0.0	-361.9	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-96.5	0.0	0.0	96.5
6- 1	si	13	Tz	-25.5	-0.2	0.0	25.5
6- 1	si	5	Ty	-11.1	0.0	-0.4	11.1
11-12	si	15	Si	-96.5	0.2	0.0	96.5

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-2787.2	0.0	0.0
11- 5	769.2	0.0	0.0	2622.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-97.3	0.0	0.0	97.3
11-12	si	7	Tz	-97.3	0.0	0.0	97.3
11- 5	si	9	Ty	72.1	0.0	0.0	72.1

----- PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-2787.1	0.0	-5.0
6- 1	937.5	0.0	0.0	-361.5	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-96.5	0.0	0.0	96.5
6- 1	si	13	Tz	-25.5	0.2	0.0	25.5
6- 1	si	5	Ty	-11.1	0.0	0.4	11.1
11-12	si	15	Si	-96.5	-0.2	0.0	96.5

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-2786.9	0.0	-9.9
6- 1	750.0	0.0	0.0	-361.4	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-94.3	0.0	0.0	94.3
6- 1	si	13	Tz	-22.6	0.5	0.0	22.7
6- 1	si	5	Ty	-11.1	0.0	0.9	11.2
11-12	si	15	Si	-94.3	-0.4	0.0	94.3

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-2786.8	0.0	-14.9
6- 1	437.5	0.0	0.0	-361.2	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-90.6	0.0	0.0	90.6
6- 1	si	13	Tz	-17.8	0.7	0.0	17.9
6- 1	si	5	Ty	-11.1	0.0	1.3	11.3
11-12	si	15	Si	-90.6	-0.5	0.0	90.6

----- PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-2786.7	0.0	-19.9
6- 1	0.0	0.0	0.0	-361.0	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-85.4	0.0	0.0	85.4
6- 1	si	13	Tz	-11.1	0.9	0.0	11.2
6- 1	si	5	Ty	-11.1	0.0	1.7	11.5
11-12	si	6	Si	-85.4	0.0	1.3	85.4

-----  
VERIFICA STABILITA` :

L0 = 155. |  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso11-12 - Nodo 2 - Asse Z  
 Ned = -2787.7 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -112.3 ( 0.033 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 30- 28 ) 31  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-352.8	0.0	16.6
1- 1	0.0	0.0	0.0	-203.5	0.0	16.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-10.8	0.0	0.0	10.8
1- 1	si	13	Tz	-6.2	-0.6	0.0	6.3
1- 1	si	5	Ty	-6.2	0.0	-1.1	6.5
6- 1	si	5	Si	-10.8	0.0	-1.1	11.0

----- PROGR. 14.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	205.7	0.0	0.0	-350.6	0.0	12.5
1- 1	205.7	0.0	0.0	-201.3	0.0	12.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-13.9	0.0	0.0	13.9
1- 1	si	13	Tz	-9.3	-0.5	0.0	9.4
1- 1	si	5	Ty	-6.2	0.0	-0.8	6.3
6- 1	si	13	Si	-13.9	-0.5	0.0	13.9

----- PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	352.6	0.0	0.0	-348.4	0.0	8.3
1- 1	352.6	0.0	0.0	-199.1	0.0	8.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-16.1	0.0	0.0	16.1
1- 1	si	13	Tz	-11.5	-0.3	0.0	11.6
1- 1	si	5	Ty	-6.1	0.0	-0.6	6.2
6- 1	si	13	Si	-16.1	-0.3	0.0	16.1

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	440.7	0.0	0.0	-346.3	0.0	4.2
1- 1	440.7	0.0	0.0	-197.0	0.0	4.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-17.4	0.0	0.0	17.4
1- 1	si	13	Tz	-12.8	-0.2	0.0	12.8
1- 1	si	5	Ty	-6.0	0.0	-0.3	6.1
6- 1	si	13	Si	-17.4	-0.2	0.0	17.4

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	470.1	0.0	0.0	-344.1	0.0	0.0
1- 1	470.1	0.0	0.0	-194.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-17.8	0.0	0.0	17.8
1- 1	si	13	Tz	-13.2	0.0	0.0	13.2
1- 1	si	5	Ty	-6.0	0.0	0.0	6.0

----- PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	440.7	0.0	0.0	-341.9	0.0	-4.2



1- 1	440.7	0.0	0.0	-192.6	0.0	-4.2
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-17.3	0.0	0.0
1- 1	si	13	Tz	-12.7	0.2	0.0
1- 1	si	5	Ty	-5.9	0.0	0.3
6- 1	si	13	Si	-17.3	0.2	0.0

----- PROGR. 85.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	352.6	0.0	0.0	-339.7	0.0	-8.3
1- 1	352.6	0.0	0.0	-190.4	0.0	-8.3

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-15.8	0.0	0.0
1- 1	si	13	Tz	-11.3	0.3	0.0
1- 1	si	5	Ty	-5.8	0.0	0.6
6- 1	si	13	Si	-15.8	0.3	0.0

----- PROGR. 99.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	205.7	0.0	0.0	-337.5	0.0	-12.5
1- 1	205.7	0.0	0.0	-188.2	0.0	-12.5

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-13.5	0.0	0.0
1- 1	si	13	Tz	-8.9	0.5	0.0
1- 1	si	5	Ty	-5.8	0.0	0.8
6- 1	si	13	Si	-13.5	0.5	0.0

----- PROGR. 113.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-335.3	0.0	-16.6
1- 1	0.0	0.0	0.0	-186.0	0.0	-16.6

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-10.3	0.0	0.0
1- 1	si	13	Tz	-5.7	0.6	0.0
1- 1	si	5	Ty	-5.7	0.0	1.1
6- 1	si	5	Si	-10.3	0.0	1.1

----- VERIFICA STABILITA` :

L0 = 113. |  
 Z | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Y | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Caso 6- 1 - Nodo 1 - Asse Z  
 Ned = -352.8 | Mzeq = 407.4 | Myeq = 0.0 | Ss = -18.1 ( 0.005 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 31- 23 ) 32  
 ----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-408.7	0.0	16.6
8- 2	0.0	0.0	0.0	-133.9	0.0	16.6

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-12.5	0.0	0.0
8- 2	si	13	Tz	-4.1	-0.6	0.0
8- 2	si	5	Ty	-4.1	0.0	-1.1
6- 1	si	5	Si	-12.5	0.0	-1.1

----- PROGR. 14.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	205.7	0.0	0.0	-406.5	0.0	12.5
8- 2	205.7	0.0	0.0	-131.7	0.0	12.5

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-15.6	0.0	0.0
8- 2	si	14	Tz	-0.9	0.5	0.0
8- 2	si	5	Ty	-4.0	0.0	-0.8
6- 1	si	13	Si	-15.6	-0.5	0.0

----- PROGR. 28.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	352.6	0.0	0.0	-404.3	0.0	8.3
8- 2	352.6	0.0	0.0	-129.5	0.0	8.3

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-17.8	0.0	0.0
8- 2	si	14	Tz	1.5	0.3	0.0
8- 2	si	5	Ty	-4.0	0.0	-0.6
6- 1	si	13	Si	-17.8	-0.3	0.0

----- PROGR. 42.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	440.7	0.0	0.0	-402.1	0.0	4.2
8- 2	440.7	0.0	0.0	-127.3	0.0	4.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6- 1	si	1	Sx	-19.1	0.0	0.0
8- 2	si	14	Tz	2.9	0.2	0.0
8- 2	si	5	Ty	-3.9	0.0	-0.3
6- 1	si	13	Si	-19.1	-0.2	0.0

----- PROGR. 56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	470.1	0.0	0.0	-399.9	0.0	0.0
11- 5	361.6	0.0	0.0	-229.1	0.0	0.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12- 2		361.6		0.0		0.0		-91.5		0.0		0.0
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx	Si								
11- 5	si	7	Tz	Si								
12- 2	si	9	Ty	Si								
-----											71.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		440.7		0.0		0.0		-397.7		0.0		-4.2
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx	Si								
6- 1	si	13	Tz	Si								
6- 1	si	5	Ty	Si								
-----											85.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		352.6		0.0		0.0		-395.5		0.0		-8.3
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx	Si								
6- 1	si	13	Tz	Si								
6- 1	si	5	Ty	Si								
-----											99.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		205.7		0.0		0.0		-393.4		0.0		-12.5
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx	Si								
6- 1	si	13	Tz	Si								
6- 1	si	5	Ty	Si								
-----											113.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		0.0		0.0		0.0		-391.2		0.0		-16.6
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	4	Sx	Si								
6- 1	si	13	Tz	Si								
6- 1	si	5	TySi	Si								

## VERIFICA STABILITA` :

L0 = 113. |  
 Z | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Y | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Caso 6- 1 - Nodo 1 - Asse Z  
 Ned = -408.7 | Mzeq = 407.4 | Myeq = 0.0 | Ss = -20.0 ( 0.006 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 32- 24 ) 33  
 ----- PROGR. 0.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
12- 9		0.0		0.0		0.0		-532.9		0.0		12.8
1- 1		0.0		0.0		0.0		-218.8		0.0		16.6
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
12- 9	si	1	Sx	Si								
1- 1	si	13	Tz	Si								
1- 1	si	5	Ty	Si								
12- 9	si	5	Si	Si								
-----											14.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
12- 9		158.2		0.0		0.0		-531.2		0.0		9.6
1- 1		205.7		0.0		0.0		-216.7		0.0		12.5
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
12- 9	si	1	Sx	Si								
1- 1	si	13	Tz	Si								
1- 1	si	5	Ty	Si								
12- 9	si	13	Si	Si								
-----											28.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
12- 9		271.2		0.0		0.0		-529.5		0.0		6.4
1- 1		352.6		0.0		0.0		-214.5		0.0		8.3
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
12- 9	si	1	Sx	Si								
1- 1	si	13	Tz	Si								
1- 1	si	5	Ty	Si								
12- 9	si	13	Si	Si								
-----											42.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
12- 9		339.0		0.0		0.0		-527.8		0.0		3.2
1- 1		440.7		0.0		0.0		-212.3		0.0		4.2
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
12- 9	si	1	Sx	Si								
1- 1	si	13	Tz	Si								
1- 1	si	5	Ty	Si								
12- 9	si	13	Si	Si								
-----											56.	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY

12- 9		361.6		0.0	0.0	-526.1	0.0	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	1	Sx	-21.7	0.0	0.0	21.7	

PROGR. 71.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
12- 9		339.0		0.0	0.0	-524.5	0.0	-3.2
1- 1		440.7		0.0	0.0	-207.9	0.0	-4.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	1	Sx	-21.3	0.0	0.0	21.3	
1- 1	si	13	Tz	-13.2	0.2	0.0	13.2	
1- 1	si	5	Ty	-6.4	0.0	0.3	6.4	
12- 9	si	13	Si	-21.3	0.1	0.0	21.3	

PROGR. 85.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
12- 9		271.2		0.0	0.0	-522.8	0.0	-6.4
1- 1		352.6		0.0	0.0	-205.7	0.0	-8.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	1	Sx	-20.2	0.0	0.0	20.2	
1- 1	si	13	Tz	-11.7	0.3	0.0	11.8	
1- 1	si	5	Ty	-6.3	0.0	0.6	6.4	
12- 9	si	13	Si	-20.2	0.2	0.0	20.2	

PROGR. 99.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
12- 9		158.2		0.0	0.0	-521.1	0.0	-9.6
1- 1		205.7		0.0	0.0	-203.5	0.0	-12.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	1	Sx	-18.4	0.0	0.0	18.4	
1- 1	si	13	Tz	-9.4	0.5	0.0	9.4	
1- 1	si	5	Ty	-6.2	0.0	0.8	6.4	
12- 9	si	13	Si	-18.4	0.4	0.0	18.4	

PROGR. 113.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
12- 9		0.0		0.0	0.0	-519.4	0.0	-12.8
1- 1		0.0		0.0	0.0	-201.3	0.0	-16.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	1	Sx	-15.9	0.0	0.0	15.9	
1- 1	si	13	Tz	-6.2	0.6	0.0	6.3	
1- 1	si	5	Ty	-6.2	0.0	1.1	6.5	
12- 9	si	5	Si	-15.9	0.0	0.9	16.0	

## VERIFICA STABILITA` :

L0 = 113.  
 Z | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Y | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Caso 12- 9 - Nodo 1 - Asse Z  
 Ned = -532.9 | Mzeq = 313.4 | Myeq = 0.0 | Ss = -22.7 ( 0.007 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 34- 26 ) 35  
 0.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
12-14		0.0		0.0	0.0	-446.0	0.0	12.8
1- 1		0.0		0.0	0.0	-244.2	0.0	16.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-14	si	1	Sx	-13.7	0.0	0.0	13.7	
1- 1	si	13	Tz	-7.5	-0.6	0.0	7.6	
1- 1	si	5	Ty	-7.5	0.0	-1.1	7.7	
12-14	si	5	Si	-13.7	0.0	-0.9	13.7	

PROGR. 14.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
12-14		158.2		0.0	0.0	-444.3	0.0	9.6
1- 1		205.7		0.0	0.0	-242.0	0.0	12.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-14	si	1	Sx	-16.1	0.0	0.0	16.1	
1- 1	si	13	Tz	-10.6	-0.5	0.0	10.6	
1- 1	si	5	Ty	-7.4	0.0	-0.8	7.6	
12-14	si	13	Si	-16.1	-0.4	0.0	16.1	

PROGR. 28.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		352.6		0.0	0.0	-405.4	0.0	8.3
1- 1		352.6		0.0	0.0	-239.8	0.0	8.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-17.9	0.0	0.0	17.9	
1- 1	si	13	Tz	-12.8	-0.3	0.0	12.8	
1- 1	si	5	Ty	-7.3	0.0	-0.6	7.4	
6- 1	si	13	Si	-17.9	-0.3	0.0	17.9	

PROGR. 42.

## SOLLECITAZIONI :

Caso		MZ		MY	MT	N	TZ	TY
6- 1		440.7		0.0	0.0	-403.2	0.0	4.2
1- 1		440.7		0.0	0.0	-237.6	0.0	4.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	-19.2	0.0	0.0	19.2	

1- 1	si	13	Tz	-14.1	-0.2	0.0	14.1
1- 1	si	5	Ty	-7.3	0.0	-0.3	7.3
6- 1	si	13	Si	-19.2	-0.2	0.0	19.2

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	470.1	0.0	0.0	-401.1	0.0	0.0
1- 1	470.1	0.0	0.0	-235.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-19.5	0.0	0.0	19.5
1- 1	si	13	Tz	-14.5	0.0	0.0	14.5
1- 1	si	5	Ty	-7.2	0.0	0.0	7.2

----- PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	440.7	0.0	0.0	-398.9	0.0	-4.2
1- 1	440.7	0.0	0.0	-233.2	0.0	-4.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-19.0	0.0	0.0	19.0
1- 1	si	13	Tz	-13.9	0.2	0.0	13.9
1- 1	si	5	Ty	-7.1	0.0	0.3	7.2
6- 1	si	13	Si	-19.0	0.2	0.0	19.0

----- PROGR. 85.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	352.6	0.0	0.0	-396.7	0.0	-8.3
1- 1	352.6	0.0	0.0	-231.0	0.0	-8.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-17.6	0.0	0.0	17.6
1- 1	si	13	Tz	-12.5	0.3	0.0	12.5
1- 1	si	5	Ty	-7.1	0.0	0.6	7.1
6- 1	si	13	Si	-17.6	0.3	0.0	17.6

----- PROGR. 99.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	158.2	0.0	0.0	-434.2	0.0	-9.6
1- 1	205.7	0.0	0.0	-228.8	0.0	-12.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	1	Sx	-15.7	0.0	0.0	15.7
1- 1	si	13	Tz	-10.2	0.5	0.0	10.2
1- 1	si	5	Ty	-7.0	0.0	0.8	7.2
12-14	si	13	Si	-15.7	0.4	0.0	15.8

----- PROGR. 113.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	0.0	0.0	0.0	-432.6	0.0	-12.8
1- 1	0.0	0.0	0.0	-226.6	0.0	-16.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	1	Sx	-13.3	0.0	0.0	13.3
1- 1	si	13	Tz	-6.9	0.6	0.0	7.0
1- 1	si	5	Ty	-6.9	0.0	1.1	7.2
12-14	si	5	Si	-13.3	0.0	0.9	13.3

## VERIFICA STABILITA` :

L0 = 113.  
 Z Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165  
 Y Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165  
 Caso 6- 1 - Nodo 1 - Asse Z  
 Ned = -409.8 | Mzeq = 407.4 | Myeq = 0.0 | Ss = -20.0 ( 0.006)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 35- 27) 36  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-473.7	0.0	16.6
1- 1	0.0	0.0	0.0	-282.1	0.0	16.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-14.5	0.0	0.0	14.5
1- 1	si	13	Tz	-8.6	-0.6	0.0	8.7
1- 1	si	5	Ty	-8.6	0.0	-1.1	8.9
6- 1	si	5	Si	-14.5	0.0	-1.1	14.6

----- PROGR. 14.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	205.7	0.0	0.0	-471.5	0.0	12.5
1- 1	205.7	0.0	0.0	-279.9	0.0	12.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-17.6	0.0	0.0	17.6
1- 1	si	13	Tz	-11.7	-0.5	0.0	11.8
1- 1	si	5	Ty	-8.6	0.0	-0.8	8.7
6- 1	si	13	Si	-17.6	-0.5	0.0	17.6

----- PROGR. 28.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	352.6	0.0	0.0	-469.3	0.0	8.3
1- 1	352.6	0.0	0.0	-277.7	0.0	8.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-19.8	0.0	0.0	19.8
1- 1	si	13	Tz	-13.9	-0.3	0.0	14.0
1- 1	si	5	Ty	-8.5	0.0	-0.6	8.6

| 6- 1 | si | 13 | Si | -19.8 | -0.3 | 0.0 | 19.8 |  
-----  
42.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	440.7	0.0	0.0	-467.1	0.0	4.2
1- 1	440.7	0.0	0.0	-275.6	0.0	4.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx			-21.1	0.0	0.0	21.1
1- 1   si   13	Tz			-15.2	-0.2	0.0	15.2
1- 1   si   5	Ty			-8.4	0.0	-0.3	8.5
6- 1   si   13	Si			-21.1	-0.2	0.0	21.1

-----  
PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	470.1	0.0	0.0	-464.9	0.0	0.0
1- 1	470.1	0.0	0.0	-273.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx	Si		-21.5	0.0	0.0	21.5
1- 1   si   13	Tz			-15.6	0.0	0.0	15.6
1- 1   si   5	Ty			-8.4	0.0	0.0	8.4

-----  
PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	440.7	0.0	0.0	-462.8	0.0	-4.2
1- 1	440.7	0.0	0.0	-271.2	0.0	-4.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx			-21.0	0.0	0.0	21.0
1- 1   si   13	Tz			-15.1	0.2	0.0	15.1
1- 1   si   5	Ty			-8.3	0.0	0.3	8.3
6- 1   si   13	Si			-21.0	0.2	0.0	21.0

-----  
PROGR. 85.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	352.6	0.0	0.0	-460.6	0.0	-8.3
1- 1	352.6	0.0	0.0	-269.0	0.0	-8.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx			-19.5	0.0	0.0	19.5
1- 1   si   13	Tz			-13.7	0.3	0.0	13.7
1- 1   si   5	Ty			-8.2	0.0	0.6	8.3
6- 1   si   13	Si			-19.5	0.3	0.0	19.6

-----  
PROGR. 99.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	205.7	0.0	0.0	-458.4	0.0	-12.5
1- 1	205.7	0.0	0.0	-266.8	0.0	-12.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx			-17.2	0.0	0.0	17.2
1- 1   si   13	Tz			-11.3	0.5	0.0	11.4
1- 1   si   5	Ty			-8.2	0.0	0.8	8.3
6- 1   si   13	Si			-17.2	0.5	0.0	17.2

-----  
PROGR. 113.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-456.2	0.0	-16.6
1- 1	0.0	0.0	0.0	-264.6	0.0	-16.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx			-14.0	0.0	0.0	14.0
1- 1   si   13	Tz			-8.1	0.6	0.0	8.2
1- 1   si   5	Ty			-8.1	0.0	1.1	8.3
6- 1   si   5	Si			-14.0	0.0	1.1	14.1

## VERIFICA STABILITA` :

L0 = 113. |  
Z | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
Y | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
Caso 6- 1 - Nodo 1 - Asse Z  
Ned = -473.7 | Mzeq = 407.4 | Myeq = 0.0 | Ss = -22.1 ( 0.007 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 36- 29 ) 37  
-----  
0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-432.9	0.0	16.6
8- 2	0.0	0.0	0.0	-146.2	0.0	16.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx			-13.3	0.0	0.0	13.3
8- 2   si   13	Tz			-4.5	-0.6	0.0	4.6
8- 2   si   5	Ty			-4.5	0.0	-1.1	4.9
6- 1   si   5	Si			-13.3	0.0	-1.1	13.4

-----  
PROGR. 14.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	205.7	0.0	0.0	-430.7	0.0	12.5
8- 2	205.7	0.0	0.0	-144.0	0.0	12.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1   si   1	Sx			-16.4	0.0	0.0	16.4
8- 2   si   13	Tz			-7.6	-0.5	0.0	7.6
8- 2   si   5	Ty			-4.4	0.0	-0.8	4.6
6- 1   si   13	Si			-16.4	-0.5	0.0	16.4

-----  
PROGR. 28.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		352.6	0.0	0.0	-428.5	0.0	8.3
8- 2		352.6	0.0	0.0	-141.8	0.0	8.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-18.6	0.0	0.0	18.6
8- 2	si	13	Tz	-9.8	-0.3	0.0	9.8
8- 2	si	5	Ty	-4.3	0.0	-0.6	4.5
6- 1	si	13	Si	-18.6	-0.3	0.0	18.6

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		440.7	0.0	0.0	-426.3	0.0	4.2
8- 2		440.7	0.0	0.0	-139.6	0.0	4.2

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-19.9	0.0	0.0	19.9
8- 2	si	13	Tz	-11.1	-0.2	0.0	11.1
8- 2	si	5	Ty	-4.3	0.0	-0.3	4.3
6- 1	si	13	Si	-19.9	-0.2	0.0	19.9

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		470.1	0.0	0.0	-424.1	0.0	0.0
11-12		361.6	0.0	0.0	-211.2	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-20.2	0.0	0.0	20.2
11-12	si	7	Tz	-12.0	0.0	0.0	12.0
11-12	si	10	Ty	-10.4	0.0	0.0	10.4

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		440.7	0.0	0.0	-421.9	0.0	-4.2

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-19.7	0.0	0.0	19.7
6- 1	si	14	Tz	-6.1	-0.2	0.0	6.1
6- 1	si	5	Ty	-12.9	0.0	0.3	12.9
6- 1	si	15	Si	-19.7	-0.2	0.0	19.7

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		352.6	0.0	0.0	-419.8	0.0	-8.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-18.3	0.0	0.0	18.3
6- 1	si	14	Tz	-7.4	-0.3	0.0	7.4
6- 1	si	5	Ty	-12.9	0.0	0.6	12.9
6- 1	si	15	Si	-18.3	-0.3	0.0	18.3

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		205.7	0.0	0.0	-417.6	0.0	-12.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-16.0	0.0	0.0	16.0
6- 1	si	14	Tz	-9.6	-0.5	0.0	9.7
6- 1	si	5	Ty	-12.8	0.0	0.8	12.9
6- 1	si	15	Si	-16.0	-0.5	0.0	16.0

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		0.0	0.0	0.0	-415.4	0.0	-16.6

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-12.7	0.0	0.0	12.7
6- 1	si	14	Tz	-12.7	-0.6	0.0	12.8
6- 1	si	5	Ty	-12.7	0.0	1.1	12.9
6- 1	si	6	Si	-12.7	0.0	1.1	12.9

## VERIFICA STABILITA` :

L0 = 113.  
 Z | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Y | Lc = 113. | Ro = 2.82 | lm = 40.1 | Ncr = 421408.6 | alfa(a) = 0.2100 | ki = 0.9165 |  
 Caso 6- 1 - Nodo 2 - Asse Z  
 Ned = -432.9 | Mzeq = 407.4 | Myeq = 0.0 | Ss = -20.8 ( 0.006 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 19- 37) 38  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		0.0	0.0	0.0	338.2	0.0	19.5
8- 2		0.0	0.0	0.0	-15.8	0.0	25.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	10.4	0.0	0.0	10.4
8- 2	si	14	Tz	-0.5	0.9	0.0	1.7
8- 2	si	5	Ty	-0.5	0.0	-1.7	3.0
12-10	si	5	Si	10.4	0.0	-1.3	10.6

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		345.3	0.0	0.0	336.5	0.0	14.7
8- 2		448.9	0.0	0.0	-18.0	0.0	19.1

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

12-10	si	4	Sx	15.6	0.0	0.0	15.6
8- 2	si	14	Tz	6.4	0.7	0.0	6.5
8- 2	si	5	Ty	-0.6	0.0	-1.3	2.3
12-10	si	14	Si	15.6	0.5	0.0	15.7

PROGR. 40.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	591.9	0.0	0.0	334.8	0.0	9.8
8- 2	769.5	0.0	0.0	-20.2	0.0	12.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	19.4	0.0	0.0	19.4
8- 2	si	14	Tz	11.2	0.5	0.0	11.3
8- 2	si	5	Ty	-0.6	0.0	-0.9	1.6
12-10	si	14	Si	19.4	0.4	0.0	19.4

PROGR. 61.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	739.9	0.0	0.0	333.1	0.0	4.9
8- 2	961.8	0.0	0.0	-22.4	0.0	6.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	21.6	0.0	0.0	21.6
8- 2	si	14	Tz	14.1	0.2	0.0	14.2
8- 2	si	5	Ty	-0.7	0.0	-0.4	1.0
12-10	si	14	Si	21.6	0.2	0.0	21.6

PROGR. 81.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	789.2	0.0	0.0	331.4	0.0	0.0
12-12	789.2	0.0	0.0	281.7	0.0	0.0
6- 1	1026.0	0.0	0.0	112.1	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	22.3	0.0	0.0	22.3
12-12	si	14	Tz	20.8	0.0	0.0	20.8
6- 1	si	5	Ty	3.4	0.0	0.0	3.4

PROGR. 101.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	739.9	0.0	0.0	329.7	0.0	-4.9
6- 1	961.8	0.0	0.0	109.9	0.0	-6.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	21.5	0.0	0.0	21.5
6- 1	si	13	Tz	-11.5	0.2	0.0	11.5
6- 1	si	5	Ty	3.4	0.0	0.4	3.4
12-10	si	14	Si	21.5	-0.2	0.0	21.5

PROGR. 121.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	591.9	0.0	0.0	328.0	0.0	-9.8
6- 1	769.5	0.0	0.0	107.7	0.0	-12.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	19.2	0.0	0.0	19.2
6- 1	si	13	Tz	-8.6	0.5	0.0	8.6
6- 1	si	5	Ty	3.3	0.0	0.9	3.6
12-10	si	14	Si	19.2	-0.4	0.0	19.2

PROGR. 141.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	345.3	0.0	0.0	326.3	0.0	-14.7
6- 1	448.9	0.0	0.0	105.5	0.0	-19.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	4	Sx	15.3	0.0	0.0	15.3
6- 1	si	13	Tz	-3.7	0.7	0.0	3.9
6- 1	si	5	Ty	3.2	0.0	1.3	3.9
12-10	si	14	Si	15.3	-0.5	0.0	15.4

PROGR. 162.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	0.0	0.0	0.0	324.6	0.0	-19.5
6- 1	0.0	0.0	0.0	103.3	0.0	-25.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	9.9	0.0	0.0	9.9
6- 1	si	13	Tz	3.2	0.9	0.0	3.6
6- 1	si	5	Ty	3.2	0.0	1.7	4.3
12-10	si	5	Si	9.9	0.0	1.3	10.2

## VERIFICA STABILITA` :

L0 = 162.  
 Z | Lc = 162. | Ro = 2.82 | lm = 57.3 | Ncr = 206066.1 | alfa(a) = 0.2100 | ki = 0.8231 |  
 Y | Lc = 162. | Ro = 2.82 | lm = 57.3 | Ncr = 206066.1 | alfa(a) = 0.2100 | ki = 0.8231 |  
 Casol2- 7 - Nodo 1 - Asse Z  
 Ned = -298.0 | Mzeq = 684.0 | Myeq = 0.0 | Ss = -21.7 ( 0.006 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 17- 39) 40  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	0.0	0.0	0.0	354.3	0.0	19.5
2- 1	0.0	0.0	0.0	85.8	0.0	25.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	1	Sx	10.9	0.0	0.0	10.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

2- 1	si	13	Tz	2.6	-0.9	0.0	3.1
2- 1	si	5	Ty	2.6	0.0	-1.7	4.0
12-14	si	5	Si	10.9	0.0	-1.3	11.1

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	345.3	0.0	0.0	352.6	0.0	14.7
2- 1	448.9	0.0	0.0	83.6	0.0	19.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	16.1	0.0	0.0	16.1
2- 1	si	13	Tz	-4.4	-0.7	0.0	4.5
2- 1	si	5	Ty	2.6	0.0	-1.3	3.4
12-14	si	14	Si	16.1	0.5	0.0	16.2

----- PROGR. 40.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	591.9	0.0	0.0	350.9	0.0	9.8
6- 1	769.5	0.0	0.0	123.6	0.0	12.7
2- 1	769.5	0.0	0.0	81.4	0.0	12.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	19.9	0.0	0.0	19.9
6- 1	si	13	Tz	-8.1	-0.5	0.0	8.1
2- 1	si	5	Ty	2.5	0.0	-0.9	2.9
12-14	si	14	Si	19.9	0.4	0.0	19.9

----- PROGR. 61.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	739.9	0.0	0.0	349.2	0.0	4.9
6- 1	961.8	0.0	0.0	121.4	0.0	6.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	22.1	0.0	0.0	22.1
6- 1	si	13	Tz	-11.1	-0.2	0.0	11.1
6- 1	si	5	Ty	3.7	0.0	-0.4	3.8
12-14	si	14	Si	22.1	0.2	0.0	22.1

----- PROGR. 81.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	789.2	0.0	0.0	347.5	0.0	0.0
12- 9	789.2	0.0	0.0	295.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	22.8	0.0	0.0	22.8
12- 9	si	13	Tz	-3.1	0.0	0.0	3.1
12- 9	si	5	Ty	9.0	0.0	0.0	9.0

----- PROGR. 101.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	739.9	0.0	0.0	345.8	0.0	-4.9
6- 1	961.8	0.0	0.0	117.0	0.0	-6.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	22.0	0.0	0.0	22.0
6- 1	si	13	Tz	-11.2	0.2	0.0	11.3
6- 1	si	5	Ty	3.6	0.0	0.4	3.7
12-14	si	14	Si	22.0	-0.2	0.0	22.0

----- PROGR. 121.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	591.9	0.0	0.0	344.1	0.0	-9.8
6- 1	769.5	0.0	0.0	114.7	0.0	-12.7
2- 1	769.5	0.0	0.0	72.6	0.0	-12.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	19.7	0.0	0.0	19.7
6- 1	si	13	Tz	-8.4	0.5	0.0	8.4
2- 1	si	5	Ty	2.2	0.0	0.9	2.7
12-14	si	14	Si	19.7	-0.4	0.0	19.7

----- PROGR. 141.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	345.3	0.0	0.0	342.4	0.0	-14.7
2- 1	448.9	0.0	0.0	70.3	0.0	-19.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	15.8	0.0	0.0	15.8
2- 1	si	13	Tz	-4.8	0.7	0.0	4.9
2- 1	si	5	Ty	2.2	0.0	1.3	3.1
12-14	si	14	Si	15.8	-0.5	0.0	15.8

----- PROGR. 162.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	0.0	0.0	0.0	340.7	0.0	-19.5
2- 1	0.0	0.0	0.0	68.1	0.0	-25.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	3	Sx	10.4	0.0	0.0	10.4
2- 1	si	13	Tz	2.1	0.9	0.0	2.6
2- 1	si	5	Ty	2.1	0.0	1.7	3.6
12-14	si	5	Si	10.4	0.0	1.3	10.7

## VERIFICA STABILITA` :

L0 = 162.  
 Z Lc = 162. | Ro = 2.82 | lm = 57.3 | Ncr = 206066.1 | alfa(a) = 0.2100 | ki = 0.8231  
 Y Lc = 162. | Ro = 2.82 | lm = 57.3 | Ncr = 206066.1 | alfa(a) = 0.2100 | ki = 0.8231  
 Caso 12- 3 - Nodo 1 - Asse Z



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Ned = -309.4 | Mzeq = 684.0 | Myeq = 0.0 | Ss = -22.1 ( 0.007)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 119- 20 ) 219  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	0.0	0.0	0.0	-1415.8	0.0	19.1
2- 1	0.0	0.0	0.0	-468.8	0.0	24.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-43.4	0.0	0.0	43.4
2- 1	si	13	Tz	-14.4	-0.9	0.0	14.4
2- 1	si	5	Ty	-14.4	0.0	-1.7	14.7
11-13	si	5	Si	-43.4	0.0	-1.3	43.4

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	311.5	0.0	0.0	-1415.7	0.0	14.3
2- 1	405.0	0.0	0.0	-468.7	0.0	18.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-48.2	0.0	0.0	48.2
2- 1	si	13	Tz	-20.6	-0.7	0.0	20.6
2- 1	si	5	Ty	-14.4	0.0	-1.3	14.5
11-13	si	13	Si	-48.2	-0.5	0.0	48.2

----- PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	534.1	0.0	0.0	-1415.6	0.0	9.5
6- 1	694.3	0.0	0.0	-508.4	0.0	12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-51.6	0.0	0.0	51.6
6- 1	si	13	Tz	-26.3	-0.5	0.0	26.3
6- 1	si	5	Ty	-15.6	0.0	-0.8	15.6
11-13	si	13	Si	-51.6	-0.4	0.0	51.6

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	667.6	0.0	0.0	-1415.5	0.0	4.8
6- 1	867.8	0.0	0.0	-508.2	0.0	6.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-53.7	0.0	0.0	53.7
6- 1	si	13	Tz	-29.0	-0.2	0.0	29.0
6- 1	si	5	Ty	-15.6	0.0	-0.4	15.6
11-13	si	13	Si	-53.7	-0.2	0.0	53.7

----- PROGR. 75.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	712.1	0.0	0.0	-1415.3	0.0	0.0
11- 5	712.1	0.0	0.0	920.5	0.0	0.0
11-12	712.1	0.0	0.0	-1166.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-54.3	0.0	0.0	54.3
11- 5	si	7	Tz	17.2	0.0	0.0	17.2
11-12	si	10	Ty	-43.4	0.0	0.0	43.4

----- PROGR. 93.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	667.6	0.0	0.0	-1415.2	0.0	-4.8
8- 2	867.8	0.0	0.0	-254.9	0.0	-6.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-53.7	0.0	0.0	53.7
8- 2	si	14	Tz	5.6	-0.2	0.0	5.6
8- 2	si	5	Ty	-7.8	0.0	0.4	7.8
11-13	si	13	Si	-53.7	0.2	0.0	53.7

----- PROGR. 112.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	534.1	0.0	0.0	-1415.1	0.0	-9.5
4- 2	694.3	0.0	0.0	-281.3	0.0	-12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-51.6	0.0	0.0	51.6
4- 2	si	14	Tz	2.1	-0.5	0.0	2.2
4- 2	si	5	Ty	-8.6	0.0	0.8	8.7
11-13	si	13	Si	-51.6	0.4	0.0	51.6

----- PROGR. 130.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	311.5	0.0	0.0	-1415.0	0.0	-14.3
8- 2	405.0	0.0	0.0	-254.6	0.0	-18.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-48.2	0.0	0.0	48.2
8- 2	si	14	Tz	-1.6	-0.7	0.0	2.0
8- 2	si	5	Ty	-7.8	0.0	1.3	8.1
11-13	si	13	Si	-48.2	0.5	0.0	48.2

----- PROGR. 149.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	0.0	0.0	0.0	-1414.9	0.0	-19.1
8- 2	0.0	0.0	0.0	-254.4	0.0	-24.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-43.3	0.0	0.0	43.3
8- 2	si	14	Tz	-7.8	-0.9	0.0	8.0

8- 2	si	5	Ty	-7.8	0.0	1.7	8.3
11-13	si	5	Si	-43.3	0.0	1.3	43.4

-----  
 VERIFICA STABILITA` :

L0 = 149.  
 Z | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Y | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Caso 11-13 - Nodo 1 - Asse Z  
 Ned = -1415.8 | Mzeq = 617.1 | Myeq = 0.0 | Ss = -60.5 ( 0.018 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 125- 124 ) 225  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-3153.2	0.0	19.9
6- 1	0.0	0.0	0.0	-243.6	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-96.6	0.0	0.0	96.6
6- 1	si	13	Tz	-7.5	-0.9	0.0	7.6
6- 1	si	5	Ty	-7.5	0.0	-1.7	8.0
11-12	si	5	Si	-96.6	0.0	-1.3	96.6

-----  
 PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-3153.1	0.0	14.9
6- 1	437.5	0.0	0.0	-243.4	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-101.8	0.0	0.0	101.8
6- 1	si	13	Tz	-14.2	-0.7	0.0	14.3
6- 1	si	5	Ty	-7.5	0.0	-1.3	7.8
11-12	si	13	Si	-101.8	-0.5	0.0	101.8

-----  
 PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-3153.0	0.0	9.9
6- 1	750.0	0.0	0.0	-243.2	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-105.5	0.0	0.0	105.5
6- 1	si	13	Tz	-19.0	-0.5	0.0	19.0
6- 1	si	5	Ty	-7.5	0.0	-0.9	7.6
11-12	si	13	Si	-105.5	-0.4	0.0	105.5

-----  
 PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-3152.9	0.0	5.0
6- 1	937.5	0.0	0.0	-243.1	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-107.7	0.0	0.0	107.7
6- 1	si	14	Tz	7.0	0.2	0.0	7.0
6- 1	si	5	Ty	-7.4	0.0	-0.4	7.5
11-12	si	13	Si	-107.7	-0.2	0.0	107.7

-----  
 PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-3152.7	0.0	0.0
11- 7	769.2	0.0	0.0	2706.1	0.0	0.0
6- 1	1000.0	0.0	0.0	-242.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-108.5	0.0	0.0	108.5
11- 7	si	7	Tz	71.0	0.0	0.0	71.0
6- 1	si	5	Ty	-7.4	0.0	0.0	7.4

-----  
 PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-3152.6	0.0	-5.0
8- 2	937.5	0.0	0.0	-54.0	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-107.7	0.0	0.0	107.7
8- 2	si	13	Tz	-16.1	0.2	0.0	16.1
8- 2	si	5	Ty	-1.7	0.0	0.4	1.8
11-12	si	13	Si	-107.7	0.2	0.0	107.7

-----  
 PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-3152.5	0.0	-9.9
8- 2	750.0	0.0	0.0	-53.8	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-105.5	0.0	0.0	105.5
8- 2	si	13	Tz	-13.2	0.5	0.0	13.2
8- 2	si	5	Ty	-1.6	0.0	0.9	2.2
11-12	si	13	Si	-105.5	0.4	0.0	105.5

-----  
 PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-3152.3	0.0	-14.9
8- 2	437.5	0.0	0.0	-53.7	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-101.8	0.0	0.0	101.8
8- 2	si	13	Tz	-8.4	0.7	0.0	8.5
8- 2	si	5	Ty	-1.6	0.0	1.3	2.8

| 11-12|si|13| Si | -101.8| 0.5| 0.0| 101.8|  
----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-3152.2	0.0	-19.9
8- 2	0.0	0.0	0.0	-53.5	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-96.6	0.0	0.0	96.6
8- 2	si	13	Tz	-1.6	0.9	0.0	2.3
8- 2	si	5	Ty	-1.6	0.0	1.7	3.4
11-12	si	5	Si	-96.6	0.0	1.3	96.6

## VERIFICA STABILITA` :

L0 = 155. |  
Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Casol1-12 - Nodo 1 - Asse Z  
Ned = -3153.2 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -125.7 ( 0.037)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 126- 125) 226  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-3341.4	0.0	19.9
6- 1	0.0	0.0	0.0	-263.6	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-102.4	0.0	0.0	102.4
6- 1	si	13	Tz	-8.1	-0.9	0.0	8.2
6- 1	si	5	Ty	-8.1	0.0	-1.7	8.6
11-12	si	5	Si	-102.4	0.0	-1.3	102.4

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-3341.3	0.0	14.9
6- 1	437.5	0.0	0.0	-263.4	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-107.6	0.0	0.0	107.6
6- 1	si	13	Tz	-14.8	-0.7	0.0	14.9
6- 1	si	5	Ty	-8.1	0.0	-1.3	8.4
11-12	si	13	Si	-107.6	-0.5	0.0	107.6

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-3341.1	0.0	9.9
6- 1	750.0	0.0	0.0	-263.3	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-111.3	0.0	0.0	111.3
6- 1	si	13	Tz	-19.6	-0.5	0.0	19.6
6- 1	si	5	Ty	-8.1	0.0	-0.9	8.2
11-12	si	13	Si	-111.3	-0.4	0.0	111.3

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-3341.0	0.0	5.0
6- 1	937.5	0.0	0.0	-263.1	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-113.5	0.0	0.0	113.5
6- 1	si	14	Tz	6.4	0.2	0.0	6.4
6- 1	si	5	Ty	-8.1	0.0	-0.4	8.1
11-12	si	13	Si	-113.5	-0.2	0.0	113.5

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-3340.9	0.0	0.0
11-15	769.2	0.0	0.0	-2415.4	0.0	0.0
6- 1	1000.0	0.0	0.0	-262.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-114.2	0.0	0.0	114.2
11-15	si	7	Tz	-85.9	0.0	0.0	85.9
6- 1	si	5	Ty	-8.1	0.0	0.0	8.1

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-3340.8	0.0	-5.0
8- 2	937.5	0.0	0.0	-64.7	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-113.5	0.0	0.0	113.5
8- 2	si	13	Tz	-16.4	0.2	0.0	16.4
8- 2	si	5	Ty	-2.0	0.0	0.4	2.1
11-12	si	13	Si	-113.5	0.2	0.0	113.5

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-3340.6	0.0	-9.9
8- 2	750.0	0.0	0.0	-64.6	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-111.2	0.0	0.0	111.2
8- 2	si	13	Tz	-13.5	0.5	0.0	13.6
8- 2	si	5	Ty	-2.0	0.0	0.9	2.5
11-12	si	13	Si	-111.2	0.4	0.0	111.2

----- PROGR. 136.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-3340.5	0.0	-14.9
8- 2	437.5	0.0	0.0	-64.4	0.0	-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-107.5	0.0	0.0	107.5
8- 2	si	13	Tz	-8.7	0.7	0.0	8.8
8- 2	si	5	Ty	-2.0	0.0	1.3	3.0
11-12	si	13	Si	-107.5	0.5	0.0	107.5

----- PROGR. 155.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-3340.4	0.0	-19.9
8- 2	0.0	0.0	0.0	-64.3	0.0	-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-102.3	0.0	0.0	102.3
8- 2	si	13	Tz	-2.0	0.9	0.0	2.6
8- 2	si	5	Ty	-2.0	0.0	1.7	3.6
11-12	si	5	Si	-102.3	0.0	1.3	102.4

----- VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso11-12 - Nodo 1 - Asse Z  
 Ned = -3341.4 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -132.5 ( 0.039)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 127- 126) 227  
----- PROGR. 0.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-3062.7	0.0	19.9
6- 1	0.0	0.0	0.0	-284.7	0.0	25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-93.8	0.0	0.0	93.8
6- 1	si	13	Tz	-8.7	-0.9	0.0	8.9
6- 1	si	5	Ty	-8.7	0.0	-1.7	9.2
11-12	si	5	Si	-93.8	0.0	-1.3	93.9

----- PROGR. 19.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-3062.5	0.0	14.9
6- 1	437.5	0.0	0.0	-284.5	0.0	19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-99.0	0.0	0.0	99.0
6- 1	si	13	Tz	-15.5	-0.7	0.0	15.5
6- 1	si	5	Ty	-8.7	0.0	-1.3	9.0
11-12	si	13	Si	-99.0	-0.5	0.0	99.0

----- PROGR. 39.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-3062.4	0.0	9.9
6- 1	750.0	0.0	0.0	-284.3	0.0	12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-102.7	0.0	0.0	102.7
6- 1	si	14	Tz	2.9	0.5	0.0	3.0
6- 1	si	5	Ty	-8.7	0.0	-0.9	8.8
11-12	si	13	Si	-102.7	-0.4	0.0	102.7

----- PROGR. 58.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-3062.3	0.0	5.0
6- 1	937.5	0.0	0.0	-284.2	0.0	6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-104.9	0.0	0.0	104.9
6- 1	si	14	Tz	5.8	0.2	0.0	5.8
6- 1	si	5	Ty	-8.7	0.0	-0.4	8.7
11-12	si	13	Si	-104.9	-0.2	0.0	104.9

----- PROGR. 77.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-3062.1	0.0	0.0
6- 1	1000.0	0.0	0.0	-284.0	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-105.7	0.0	0.0	105.7
11-12	si	7	Tz	-105.7	0.0	0.0	105.7
6- 1	si	5	Ty	-8.7	0.0	0.0	8.7

----- PROGR. 97.

SOLLECITAZIONI						
Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-3062.0	0.0	-5.0
8- 2	937.5	0.0	0.0	-75.3	0.0	-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-104.9	0.0	0.0	104.9
8- 2	si	13	Tz	-16.8	0.2	0.0	16.8
8- 2	si	5	Ty	-2.3	0.0	0.4	2.4
11-12	si	13	Si	-104.9	0.2	0.0	104.9

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-3061.9	0.0	-9.9
8- 2	750.0	0.0	0.0	-75.1	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-102.7	0.0	0.0	102.7
8- 2	si	13	Tz	-13.9	0.5	0.0	13.9
8- 2	si	5	Ty	-2.3	0.0	0.9	2.8
11-12	si	13	Si	-102.7	0.4	0.0	102.7

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-3061.8	0.0	-14.9
8- 2	437.5	0.0	0.0	-74.9	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-99.0	0.0	0.0	99.0
8- 2	si	13	Tz	-9.0	0.7	0.0	9.1
8- 2	si	5	Ty	-2.3	0.0	1.3	3.2
11-12	si	13	Si	-99.0	0.5	0.0	99.0

----- PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-3061.6	0.0	-19.9
8- 2	0.0	0.0	0.0	-74.8	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-93.8	0.0	0.0	93.8
8- 2	si	13	Tz	-2.3	0.9	0.0	2.8
8- 2	si	5	Ty	-2.3	0.0	1.7	3.8
11-12	si	5	Si	-93.8	0.0	1.3	93.8

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso11-12 - Nodo 1 - Asse Z  
 Ned = -3062.7 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -122.3 ( 0.036)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 141- 142) 241  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-7669.3	0.0	19.9
1- 1	0.0	0.0	0.0	-165.5	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-235.0	0.0	0.0	235.0
1- 1	si	13	Tz	-5.1	-0.9	0.0	5.3
1- 1	si	5	Ty	-5.1	0.0	-1.7	5.9
11-12	si	5	Si	-235.0	0.0	-1.3	235.0

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-7669.2	0.0	14.9
1- 1	437.5	0.0	0.0	-165.3	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-240.2	0.0	0.0	240.2
1- 1	si	13	Tz	-11.8	-0.7	0.0	11.9
1- 1	si	5	Ty	-5.1	0.0	-1.3	5.5
11-12	si	13	Si	-240.2	-0.5	0.0	240.2

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-7669.1	0.0	9.9
1- 1	750.0	0.0	0.0	-165.2	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-243.9	0.0	0.0	243.9
1- 1	si	13	Tz	-16.6	-0.5	0.0	16.6
1- 1	si	5	Ty	-5.1	0.0	-0.9	5.3
11-12	si	13	Si	-243.9	-0.4	0.0	243.9

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-7669.0	0.0	5.0
1- 1	937.5	0.0	0.0	-165.0	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-246.1	0.0	0.0	246.1
1- 1	si	13	Tz	-19.5	-0.2	0.0	19.5
1- 1	si	5	Ty	-5.1	0.0	-0.4	5.1
11-12	si	13	Si	-246.1	-0.2	0.0	246.1

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-7668.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-246.8	0.0	0.0	246.8

----- PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-7668.7	0.0	-5.0
1- 1	937.5	0.0	0.0	-164.7	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-246.8	0.0	0.0	246.8

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11-12	si	1	Sx	-246.1	0.0	0.0	246.1
1- 1	si	13	Tz	-19.5	0.2	0.0	19.5
1- 1	si	5	Ty	-5.0	0.0	0.4	5.1
11-12	si	13	Si	-246.1	0.2	0.0	246.1

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-7668.6	0.0	-9.9
1- 1	750.0	0.0	0.0	-164.5	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-243.8	0.0	0.0	243.8
1- 1	si	13	Tz	-16.6	0.5	0.0	16.6
1- 1	si	5	Ty	-5.0	0.0	0.9	5.3
11-12	si	13	Si	-243.8	0.4	0.0	243.8

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-7668.4	0.0	-14.9
1- 1	437.5	0.0	0.0	-164.3	0.0	-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-240.1	0.0	0.0	240.1
1- 1	si	13	Tz	-11.8	0.7	0.0	11.8
1- 1	si	5	Ty	-5.0	0.0	1.3	5.5
11-12	si	13	Si	-240.1	0.5	0.0	240.1

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-7668.3	0.0	-19.9
1- 1	0.0	0.0	0.0	-164.2	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-234.9	0.0	0.0	234.9
1- 1	si	13	Tz	-5.0	0.9	0.0	5.3
1- 1	si	5	Ty	-5.0	0.0	1.7	5.9
11-12	si	5	Si	-234.9	0.0	1.3	234.9

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-12 - Nodo 1 - Asse Z  
 Ned = -7669.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -290.9 ( 0.086 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 142- 143 ) 242  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-7209.3	0.0	19.9
6- 1	0.0	0.0	0.0	-264.2	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-220.9	0.0	0.0	220.9
6- 1	si	13	Tz	-8.1	-0.9	0.0	8.3
6- 1	si	5	Ty	-8.1	0.0	-1.7	8.6
11-12	si	5	Si	-220.9	0.0	-1.3	220.9

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-7209.2	0.0	14.9
6- 1	437.5	0.0	0.0	-264.0	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-226.1	0.0	0.0	226.1
6- 1	si	13	Tz	-14.8	-0.7	0.0	14.9
6- 1	si	5	Ty	-8.1	0.0	-1.3	8.4
11-12	si	13	Si	-226.1	-0.5	0.0	226.1

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-7209.1	0.0	9.9
6- 1	750.0	0.0	0.0	-263.9	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-229.8	0.0	0.0	229.8
6- 1	si	13	Tz	-19.6	-0.5	0.0	19.7
6- 1	si	5	Ty	-8.1	0.0	-0.9	8.2
11-12	si	13	Si	-229.8	-0.4	0.0	229.8

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-7208.9	0.0	5.0
6- 1	937.5	0.0	0.0	-263.7	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-232.0	0.0	0.0	232.0
6- 1	si	13	Tz	-22.5	-0.2	0.0	22.5
6- 1	si	5	Ty	-8.1	0.0	-0.4	8.1
11-12	si	13	Si	-232.0	-0.2	0.0	232.0

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-7208.8	0.0	0.0
6- 1	1000.0	0.0	0.0	-263.5	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-232.7	0.0	0.0	232.7

6-1	si	7	Tz	-23.5	0.0	0.0	23.5
6-1	si	1	Ty	-23.5	0.0	0.0	23.5

-----  
 PROGR. 97.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-12		721.1		0.0		0.0		-7208.7		0.0		-5.0
6-1		937.5		0.0		0.0		-263.4		0.0		-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-12	si	1	Sx	-232.0		0.0		0.0		232.0
6-1	si	13	Tz	-22.5		0.2		0.0		22.5
6-1	si	5	Ty	-8.1		0.0		0.4		8.1
11-12	si	13	Si	-232.0		0.2		0.0		232.0

-----  
 PROGR. 116.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-12		576.9		0.0		0.0		-7208.5		0.0		-9.9
6-1		750.0		0.0		0.0		-263.2		0.0		-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-12	si	1	Sx	-229.7		0.0		0.0		229.7
6-1	si	13	Tz	-19.6		0.5		0.0		19.6
6-1	si	5	Ty	-8.1		0.0		0.9		8.2
11-12	si	13	Si	-229.7		0.4		0.0		229.7

-----  
 PROGR. 136.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-12		336.5		0.0		0.0		-7208.4		0.0		-14.9
6-1		437.5		0.0		0.0		-263.0		0.0		-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-12	si	1	Sx	-226.0		0.0		0.0		226.0
6-1	si	13	Tz	-14.8		0.7		0.0		14.9
6-1	si	5	Ty	-8.1		0.0		1.3		8.4
11-12	si	13	Si	-226.0		0.5		0.0		226.0

-----  
 PROGR. 155.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-12		0.0		0.0		0.0		-7208.3		0.0		-19.9
6-1		0.0		0.0		0.0		-262.9		0.0		-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-12	si	1	Sx	-220.8		0.0		0.0		220.8
6-1	si	13	Tz	-8.1		0.9		0.0		8.2
6-1	si	5	Ty	-8.1		0.0		1.7		8.6
11-12	si	5	Si	-220.8		0.0		1.3		220.9

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-12 - Nodo 1 - Asse Z  
 Ned = -7209.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -274.1 ( 0.081)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 152- 146) 252  
 -----  
 PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-5		0.0		0.0		0.0		-2588.1		0.0		19.9
6-1		0.0		0.0		0.0		-406.4		0.0		25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-5	si	1	Sx	-79.3		0.0		0.0		79.3
6-1	si	14	Tz	-12.5		0.9		0.0		12.6
6-1	si	5	Ty	-12.5		0.0		-1.7		12.8
11-5	si	5	Si	-79.3		0.0		-1.3		79.3

-----  
 PROGR. 19.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-5		336.5		0.0		0.0		-2588.0		0.0		14.9
6-1		437.5		0.0		0.0		-406.2		0.0		19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-5	si	2	Sx	-84.5		0.0		0.0		84.5
6-1	si	14	Tz	-5.7		0.7		0.0		5.8
6-1	si	5	Ty	-12.4		0.0		-1.3		12.6
11-5	si	15	Si	-84.5		0.5		0.0		84.5

-----  
 PROGR. 39.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-5		576.9		0.0		0.0		-2587.9		0.0		9.9
6-1		750.0		0.0		0.0		-406.0		0.0		12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-5	si	2	Sx	-88.2		0.0		0.0		88.2
6-1	si	14	Tz	-0.9		0.5		0.0		1.2
6-1	si	5	Ty	-12.4		0.0		-0.9		12.5
11-5	si	15	Si	-88.2		0.4		0.0		88.2

-----  
 PROGR. 58.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-5		721.1		0.0		0.0		-2587.8		0.0		5.0
6-1		937.5		0.0		0.0		-405.9		0.0		6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-5	si	2	Sx	-90.4		0.0		0.0		90.4
6-1	si	14	Tz	-2.0		0.2		0.0		2.1
6-1	si	5	Ty	-12.4		0.0		-0.4		12.5

11- 5	si	15	Si	-90.4	0.2	0.0	90.4		
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77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.2	0.0	0.0	-2587.6	0.0	0.0
11-12	769.2	0.0	0.0	2403.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-91.1	0.0	0.0	91.1
11-12	si	7	Tz	61.8	0.0	0.0	61.8
11-12	si	10	Ty	65.3	0.0	0.0	65.3

97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-2587.5	0.0	-5.0
8- 2	937.5	0.0	0.0	-141.5	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-90.4	0.0	0.0	90.4
8- 2	si	13	Tz	-18.8	0.2	0.0	18.8
8- 2	si	5	Ty	-4.3	0.0	0.4	4.4
11- 5	si	15	Si	-90.4	-0.2	0.0	90.4

116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-2587.4	0.0	-9.9
8- 2	750.0	0.0	0.0	-141.4	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-88.2	0.0	0.0	88.2
8- 2	si	13	Tz	-15.9	0.5	0.0	15.9
8- 2	si	5	Ty	-4.3	0.0	0.9	4.6
11- 5	si	15	Si	-88.2	-0.4	0.0	88.2

136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-2587.3	0.0	-14.9
8- 2	437.5	0.0	0.0	-141.2	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-84.5	0.0	0.0	84.5
8- 2	si	13	Tz	-11.1	0.7	0.0	11.1
8- 2	si	5	Ty	-4.3	0.0	1.3	4.9
11- 5	si	15	Si	-84.5	-0.5	0.0	84.5

155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-2587.1	0.0	-19.9
8- 2	0.0	0.0	0.0	-141.0	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-79.3	0.0	0.0	79.3
8- 2	si	13	Tz	-4.3	0.9	0.0	4.6
8- 2	si	5	Ty	-4.3	0.0	1.7	5.3
11- 5	si	6	Si	-79.3	0.0	1.3	79.3

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 5 - Nodo 2 - Asse Z  
 Ned = -2588.1 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -105.0 ( 0.031 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 112- 113 ) 254  
 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-5371.9	0.0	19.9
6- 1	0.0	0.0	0.0	-148.8	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-164.6	0.0	0.0	164.6
6- 1	si	14	Tz	-4.6	0.9	0.0	4.8
6- 1	si	5	Ty	-4.6	0.0	-1.7	5.5
11- 5	si	5	Si	-164.6	0.0	-1.3	164.6

19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-5371.8	0.0	14.9
6- 1	437.5	0.0	0.0	-148.6	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-169.8	0.0	0.0	169.8
6- 1	si	14	Tz	2.2	0.7	0.0	2.5
6- 1	si	5	Ty	-4.6	0.0	-1.3	5.1
11- 5	si	15	Si	-169.8	0.5	0.0	169.8

39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-5371.6	0.0	9.9
6- 1	750.0	0.0	0.0	-148.4	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-173.5	0.0	0.0	173.5
6- 1	si	14	Tz	7.0	0.5	0.0	7.1
6- 1	si	5	Ty	-4.5	0.0	-0.9	4.8
11- 5	si	15	Si	-173.5	0.4	0.0	173.5

58.



SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-5371.5	0.0	5.0
6- 1	937.5	0.0	0.0	-148.3	0.0	6.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-175.7	0.0	0.0	175.7
6- 1	si	14	Tz	9.9	0.2	0.0	9.9
6- 1	si	5	Ty	-4.5	0.0	-0.4	4.6
11- 5	si	15	Si	-175.7	0.2	0.0	175.7

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.2	0.0	0.0	-5371.4	0.0	0.0
11-12	769.2	0.0	0.0	5314.5	0.0	0.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-176.4	0.0	0.0	176.4
11-12	si	7	Tz	151.0	0.0	0.0	151.0
11-12	si	10	Ty	154.5	0.0	0.0	154.5

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-5371.2	0.0	-5.0
8- 2	937.5	0.0	0.0	7.3	0.0	-6.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-175.7	0.0	0.0	175.7
8- 2	si	13	Tz	-14.2	0.2	0.0	14.2
8- 2	si	5	Ty	0.2	0.0	0.4	0.8
11- 5	si	15	Si	-175.7	-0.2	0.0	175.7

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-5371.1	0.0	-9.9
8- 2	750.0	0.0	0.0	7.5	0.0	-12.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-173.5	0.0	0.0	173.5
8- 2	si	13	Tz	-11.3	0.5	0.0	11.4
8- 2	si	5	Ty	0.2	0.0	0.9	1.5
11- 5	si	15	Si	-173.5	-0.4	0.0	173.5

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-5371.0	0.0	-14.9
8- 2	437.5	0.0	0.0	7.7	0.0	-19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-169.7	0.0	0.0	169.7
8- 2	si	13	Tz	-6.5	0.7	0.0	6.6
8- 2	si	5	Ty	0.2	0.0	1.3	2.3
11- 5	si	15	Si	-169.7	-0.5	0.0	169.7

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-5370.9	0.0	-19.9
8- 2	0.0	0.0	0.0	7.8	0.0	-25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-164.5	0.0	0.0	164.5
8- 2	si	13	Tz	0.2	0.9	0.0	1.7
8- 2	si	5	Ty	0.2	0.0	1.7	3.0
11- 5	si	6	Si	-164.5	0.0	1.3	164.6

VERIFICA STABILITA` :

L0 = 155.  
Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
Cas011- 5 - Nodo 2 - Asse Z  
Ned = -5371.9 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -206.8 ( 0.061)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 113- 114 ) 255  
----- PROGR. 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-7216.4	0.0	19.9
6- 1	0.0	0.0	0.0	-54.4	0.0	25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-221.1	0.0	0.0	221.1
6- 1	si	13	Tz	-1.7	-0.9	0.0	2.3
6- 1	si	5	Ty	-1.7	0.0	-1.7	3.4
11- 5	si	5	Si	-221.1	0.0	-1.3	221.1

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-7216.3	0.0	14.9
6- 1	437.5	0.0	0.0	-54.2	0.0	19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-226.3	0.0	0.0	226.3
6- 1	si	13	Tz	-8.4	-0.7	0.0	8.5
6- 1	si	5	Ty	-1.7	0.0	-1.3	2.8
11- 5	si	15	Si	-226.3	0.5	0.0	226.3

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
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11- 5	576.9	0.0	0.0	-7216.2	0.0	9.9
6- 1	750.0	0.0	0.0	-54.1	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-230.0	0.0	0.0	230.0
6- 1	si	14	Tz	9.9	0.5	0.0	9.9
6- 1	si	5	Ty	-1.7	0.0	-0.9	2.2
11- 5	si	15	Si	-230.0	0.4	0.0	230.0

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-7216.1	0.0	5.0
6- 1	937.5	0.0	0.0	-53.9	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-232.2	0.0	0.0	232.2
6- 1	si	14	Tz	12.8	0.2	0.0	12.8
6- 1	si	5	Ty	-1.7	0.0	-0.4	1.8
11- 5	si	15	Si	-232.2	0.2	0.0	232.2

PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.2	0.0	0.0	-7215.9	0.0	0.0
6- 1	1000.0	0.0	0.0	-53.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-232.9	0.0	0.0	232.9
11- 5	si	7	Tz	-232.9	0.0	0.0	232.9
6- 1	si	5	Ty	-1.6	0.0	0.0	1.6

PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-7215.8	0.0	-5.0
8- 2	937.5	0.0	0.0	59.9	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-232.2	0.0	0.0	232.2
8- 2	si	13	Tz	-12.6	0.2	0.0	12.6
8- 2	si	5	Ty	1.8	0.0	0.4	2.0
11- 5	si	15	Si	-232.2	-0.2	0.0	232.2

PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-7215.7	0.0	-9.9
8- 2	750.0	0.0	0.0	60.0	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-230.0	0.0	0.0	230.0
8- 2	si	13	Tz	-9.7	0.5	0.0	9.8
8- 2	si	5	Ty	1.8	0.0	0.9	2.4
11- 5	si	15	Si	-230.0	-0.4	0.0	230.0

PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-7215.6	0.0	-14.9
8- 2	437.5	0.0	0.0	60.2	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-226.3	0.0	0.0	226.3
8- 2	si	13	Tz	-4.9	0.7	0.0	5.1
8- 2	si	5	Ty	1.8	0.0	1.3	2.9
11- 5	si	15	Si	-226.3	-0.5	0.0	226.3

PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-7215.4	0.0	-19.9
8- 2	0.0	0.0	0.0	60.4	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-221.1	0.0	0.0	221.1
8- 2	si	13	Tz	1.8	0.9	0.0	2.5
8- 2	si	5	Ty	1.8	0.0	1.7	3.5
11- 5	si	6	Si	-221.1	0.0	1.3	221.1

VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11- 5 - Nodo 2 - Asse Z  
 Ned = -7216.4 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -274.3 ( 0.081)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 114- 115) 256  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	8086.0	0.0	19.9
6- 1	0.0	0.0	0.0	38.0	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	247.7	0.0	0.0	247.7
6- 1	si	13	Tz	1.2	-0.9	0.0	2.0
6- 1	si	5	Ty	1.2	0.0	-1.7	3.2
11-12	si	5	Si	247.7	0.0	-1.3	247.7

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	8086.1	0.0	14.9
6- 1	437.5	0.0	0.0	38.1	0.0	19.4

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	252.9	0.0	0.0	252.9
6- 1	si	13	Tz	-5.6	-0.7	0.0	5.7
6- 1	si	5	Ty	1.2	0.0	-1.3	2.5
11-12	si	16	Si	252.9	-0.5	0.0	252.9

39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	576.9	0.0	0.0	8086.2	0.0	9.9	
6- 1	750.0	0.0	0.0	38.3	0.0	12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	256.6	0.0	0.0	256.6
6- 1	si	13	Tz	-10.4	-0.5	0.0	10.4
6- 1	si	5	Ty	1.2	0.0	-0.9	1.9
11-12	si	16	Si	256.6	-0.4	0.0	256.6

58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	721.1	0.0	0.0	8086.4	0.0	5.0	
6- 1	937.5	0.0	0.0	38.5	0.0	6.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	258.9	0.0	0.0	258.9
6- 1	si	13	Tz	-13.3	-0.2	0.0	13.3
6- 1	si	5	Ty	1.2	0.0	-0.4	1.4
11-12	si	16	Si	258.9	-0.2	0.0	258.9

77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	769.2	0.0	0.0	8086.5	0.0	0.0	
11-15	769.2	0.0	0.0	7382.8	0.0	0.0	
6- 1	1000.0	0.0	0.0	38.6	0.0	0.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	259.6	0.0	0.0	259.6
11-15	si	7	Tz	214.3	0.0	0.0	214.3
6- 1	si	5	Ty	1.2	0.0	0.0	1.2

97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	721.1	0.0	0.0	8086.6	0.0	-5.0	
8- 2	937.5	0.0	0.0	109.9	0.0	-6.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	258.9	0.0	0.0	258.9
8- 2	si	13	Tz	-11.1	0.2	0.0	11.1
8- 2	si	5	Ty	3.4	0.0	0.4	3.5
11-12	si	16	Si	258.9	0.2	0.0	258.9

116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	576.9	0.0	0.0	8086.7	0.0	-9.9	
8- 2	750.0	0.0	0.0	110.0	0.0	-12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	256.7	0.0	0.0	256.7
8- 2	si	13	Tz	-8.2	0.5	0.0	8.2
8- 2	si	5	Ty	3.4	0.0	0.9	3.7
11-12	si	16	Si	256.7	0.4	0.0	256.7

136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	336.5	0.0	0.0	8086.9	0.0	-14.9	
8- 2	437.5	0.0	0.0	110.2	0.0	-19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	252.9	0.0	0.0	252.9
8- 2	si	13	Tz	-3.4	0.7	0.0	3.6
8- 2	si	5	Ty	3.4	0.0	1.3	4.1
11-12	si	16	Si	252.9	0.5	0.0	253.0

155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	0.0	0.0	0.0	8087.0	0.0	-19.9	
8- 2	0.0	0.0	0.0	110.4	0.0	-25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	247.8	0.0	0.0	247.8
8- 2	si	13	Tz	3.4	0.9	0.0	3.8
8- 2	si	5	Ty	3.4	0.0	1.7	4.5
11-12	si	6	Si	247.8	0.0	1.3	247.8

VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 5 - Nodo 2 - Asse Z  
 Ned = -8054.0 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -305.0 ( 0.090)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 115- 116) 257  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-16	0.0	0.0	0.0	7729.6	0.0	19.9	
6- 1	0.0	0.0	0.0	126.9	0.0	25.8	

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	1	Sx	236.8	0.0	0.0	236.8
6- 1	si	13	Tz	3.9	-0.9	0.0	4.2
6- 1	si	5	Ty	3.9	0.0	-1.7	4.9
11-16	si	5	Si	236.8	0.0	-1.3	236.8

PROGR.

19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	336.5	0.0	0.0	7729.7	0.0	14.9
6- 1	437.5	0.0	0.0	127.1	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	242.0	0.0	0.0	242.0
6- 1	si	13	Tz	-2.9	-0.7	0.0	3.1
6- 1	si	5	Ty	3.9	0.0	-1.3	4.5
11-16	si	16	Si	242.0	-0.5	0.0	242.0

PROGR.

39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	576.9	0.0	0.0	7729.8	0.0	9.9
6- 1	750.0	0.0	0.0	127.2	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	245.7	0.0	0.0	245.7
6- 1	si	13	Tz	-7.7	-0.5	0.0	7.7
6- 1	si	5	Ty	3.9	0.0	-0.9	4.2
11-16	si	16	Si	245.7	-0.4	0.0	245.7

PROGR.

58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	721.1	0.0	0.0	7730.0	0.0	5.0
6- 1	937.5	0.0	0.0	127.4	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	247.9	0.0	0.0	247.9
6- 1	si	14	Tz	18.4	0.2	0.0	18.4
6- 1	si	5	Ty	3.9	0.0	-0.4	4.0
11-16	si	16	Si	247.9	-0.2	0.0	247.9

PROGR.

78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	769.2	0.0	0.0	7730.1	0.0	0.0
11-10	769.2	0.0	0.0	5543.6	0.0	0.0
6- 1	1000.0	0.0	0.0	127.6	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	248.7	0.0	0.0	248.7
11-10	si	7	Tz	158.0	0.0	0.0	158.0
6- 1	si	5	Ty	3.9	0.0	0.0	3.9

PROGR.

97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	721.1	0.0	0.0	7730.2	0.0	-5.0
8- 2	937.5	0.0	0.0	155.0	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	248.0	0.0	0.0	248.0
8- 2	si	13	Tz	-9.7	0.2	0.0	9.7
8- 2	si	5	Ty	4.7	0.0	0.4	4.8
11-16	si	16	Si	248.0	0.2	0.0	248.0

PROGR.

116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	576.9	0.0	0.0	7730.4	0.0	-9.9
8- 2	750.0	0.0	0.0	155.2	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	245.7	0.0	0.0	245.7
8- 2	si	13	Tz	-6.8	0.5	0.0	6.9
8- 2	si	5	Ty	4.8	0.0	0.9	5.0
11-16	si	16	Si	245.7	0.4	0.0	245.7

PROGR.

136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	336.5	0.0	0.0	7730.5	0.0	-14.9
8- 2	437.5	0.0	0.0	155.3	0.0	-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	242.0	0.0	0.0	242.0
8- 2	si	13	Tz	-2.0	0.7	0.0	2.3
8- 2	si	5	Ty	4.8	0.0	1.3	5.3
11-16	si	16	Si	242.0	0.5	0.0	242.0

PROGR.

155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	0.0	0.0	0.0	7730.6	0.0	-19.9
8- 2	0.0	0.0	0.0	155.5	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	236.8	0.0	0.0	236.8
8- 2	si	13	Tz	4.8	0.9	0.0	5.0
8- 2	si	5	Ty	4.8	0.0	1.7	5.6
11-16	si	6	Si	236.8	0.0	1.3	236.9

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |

Cas011- 1 - Nodo 2 - Asse Z

Ned = -7655.2 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -290.4 ( 0.086)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 116- 117 ) 258  
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	0.0	0.0	0.0	6471.5	0.0	19.9
1- 1	0.0	0.0	0.0	154.0	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	1	Sx	198.3	0.0	0.0	198.3
1- 1	si	13	Tz	4.7	-0.9	0.0	5.0
1- 1	si	5	Ty	4.7	0.0	-1.7	5.6
11-16	si	5	Si	198.3	0.0	-1.3	198.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	336.5	0.0	0.0	6471.6	0.0	14.9
1- 1	437.5	0.0	0.0	154.2	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	203.5	0.0	0.0	203.5
1- 1	si	13	Tz	-2.0	-0.7	0.0	2.4
1- 1	si	5	Ty	4.7	0.0	-1.3	5.2
11-16	si	14	Si	203.5	0.5	0.0	203.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	576.9	0.0	0.0	6471.7	0.0	9.9
1- 1	750.0	0.0	0.0	154.3	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	207.2	0.0	0.0	207.2
1- 1	si	13	Tz	-6.8	-0.5	0.0	6.9
1- 1	si	5	Ty	4.7	0.0	-0.9	5.0
11-16	si	14	Si	207.2	0.4	0.0	207.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	721.1	0.0	0.0	6471.8	0.0	5.0
1- 1	937.5	0.0	0.0	154.5	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	209.4	0.0	0.0	209.4
1- 1	si	13	Tz	-9.7	-0.2	0.0	9.7
1- 1	si	5	Ty	4.7	0.0	-0.4	4.8
11-16	si	14	Si	209.4	0.2	0.0	209.4

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	769.2	0.0	0.0	6472.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	210.1	0.0	0.0	210.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	721.1	0.0	0.0	6472.1	0.0	-5.0
1- 1	937.5	0.0	0.0	154.8	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	209.4	0.0	0.0	209.4
1- 1	si	13	Tz	-9.7	0.2	0.0	9.7
1- 1	si	5	Ty	4.7	0.0	0.4	4.8
11-16	si	14	Si	209.4	-0.2	0.0	209.4

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	576.9	0.0	0.0	6472.2	0.0	-9.9
1- 1	750.0	0.0	0.0	155.0	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	207.2	0.0	0.0	207.2
1- 1	si	13	Tz	-6.8	0.5	0.0	6.9
1- 1	si	5	Ty	4.7	0.0	0.9	5.0
11-16	si	14	Si	207.2	-0.4	0.0	207.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	336.5	0.0	0.0	6472.3	0.0	-14.9
1- 1	437.5	0.0	0.0	155.1	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	3	Sx	203.5	0.0	0.0	203.5
1- 1	si	13	Tz	-2.0	0.7	0.0	2.3
1- 1	si	5	Ty	4.8	0.0	1.3	5.3
11-16	si	14	Si	203.5	-0.5	0.0	203.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	0.0	0.0	0.0	6472.5	0.0	-19.9
1- 1	0.0	0.0	0.0	155.3	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	1	Sx	198.3	0.0	0.0	198.3
1- 1	si	13	Tz	4.8	0.9	0.0	5.0
1- 1	si	5	Ty	4.8	0.0	1.7	5.6
11-16	si	5	Si	198.3	0.0	1.3	198.3

-----  
 VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso11- 1 - Nodo 1 - Asse Z  
 Ned = -6359.4 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -243.0 ( 0.072)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 124- 118) 262  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-2883.9	0.0	19.9
1- 1	0.0	0.0	0.0	-115.1	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-88.4	0.0	0.0	88.4
1- 1	si	13	Tz	-3.5	-0.9	0.0	3.9
1- 1	si	5	Ty	-3.5	0.0	-1.7	4.6
11-10	si	5	Si	-88.4	0.0	-1.3	88.4

-----  
 PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.5	0.0	0.0	-2883.8	0.0	14.9
1- 1	437.5	0.0	0.0	-114.9	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-93.5	0.0	0.0	93.5
1- 1	si	13	Tz	-10.3	-0.7	0.0	10.3
1- 1	si	5	Ty	-3.5	0.0	-1.3	4.2
11-10	si	13	Si	-93.5	-0.5	0.0	93.5

-----  
 PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	576.9	0.0	0.0	-2883.7	0.0	9.9
1- 1	750.0	0.0	0.0	-114.8	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-97.2	0.0	0.0	97.2
1- 1	si	13	Tz	-15.1	-0.5	0.0	15.1
1- 1	si	5	Ty	-3.5	0.0	-0.9	3.8
11-10	si	13	Si	-97.2	-0.4	0.0	97.2

-----  
 PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.1	0.0	0.0	-2883.5	0.0	5.0
1- 1	937.5	0.0	0.0	-114.6	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-99.5	0.0	0.0	99.5
1- 1	si	13	Tz	-18.0	-0.2	0.0	18.0
1- 1	si	5	Ty	-3.5	0.0	-0.4	3.6
11-10	si	13	Si	-99.5	-0.2	0.0	99.5

-----  
 PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	769.2	0.0	0.0	-2883.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-100.2	0.0	0.0	100.2

-----  
 PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.1	0.0	0.0	-2883.3	0.0	-5.0
1- 1	937.5	0.0	0.0	-114.3	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-99.5	0.0	0.0	99.5
1- 1	si	13	Tz	-18.0	0.2	0.0	18.0
1- 1	si	5	Ty	-3.5	0.0	0.4	3.6
11-10	si	13	Si	-99.5	0.2	0.0	99.5

-----  
 PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	576.9	0.0	0.0	-2883.2	0.0	-9.9
1- 1	750.0	0.0	0.0	-114.1	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-97.2	0.0	0.0	97.2
1- 1	si	13	Tz	-15.1	0.5	0.0	15.1
1- 1	si	5	Ty	-3.5	0.0	0.9	3.8
11-10	si	13	Si	-97.2	0.4	0.0	97.2

-----  
 PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.5	0.0	0.0	-2883.0	0.0	-14.9
1- 1	437.5	0.0	0.0	-113.9	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-93.5	0.0	0.0	93.5
1- 1	si	13	Tz	-10.2	0.7	0.0	10.3
1- 1	si	5	Ty	-3.5	0.0	1.3	4.2
11-10	si	13	Si	-93.5	0.5	0.0	93.5

-----  
 PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-2882.9	0.0	-19.9
1- 1	0.0	0.0	0.0	-113.8	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-88.3	0.0	0.0	88.3
1- 1	si	13	Tz	-3.5	0.9	0.0	3.9
1- 1	si	5	Ty	-3.5	0.0	1.7	4.6
11-10	si	5	Si	-88.3	0.0	1.3	88.4

-----  
 VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-10 - Nodo 1 - Asse Z  
 Ned = -2883.9 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -115.8 ( 0.034)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 118- 22) 263  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-2755.4	0.0	19.1
8- 2	0.0	0.0	0.0	20.9	0.0	24.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-84.4	0.0	0.0	84.4
8- 2	si	13	Tz	0.6	-0.9	0.0	1.7
8- 2	si	5	Ty	0.6	0.0	-1.7	3.0
11-10	si	5	Si	-84.4	0.0	-1.3	84.4

-----  
 PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	311.5	0.0	0.0	-2755.3	0.0	14.3
8- 2	405.0	0.0	0.0	21.0	0.0	18.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	2	Sx	-89.2	0.0	0.0	89.2
8- 2	si	13	Tz	-5.6	-0.7	0.0	5.7
8- 2	si	5	Ty	0.6	0.0	-1.3	2.3
11-10	si	15	Si	-89.2	0.5	0.0	89.2

-----  
 PROGR. 37.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	534.1	0.0	0.0	-2755.2	0.0	9.5
8- 2	694.3	0.0	0.0	21.2	0.0	12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	2	Sx	-92.6	0.0	0.0	92.6
8- 2	si	13	Tz	-10.1	-0.5	0.0	10.1
8- 2	si	5	Ty	0.6	0.0	-0.8	1.6
11-10	si	15	Si	-92.6	0.4	0.0	92.6

-----  
 PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	667.6	0.0	0.0	-2755.0	0.0	4.8
8- 2	867.8	0.0	0.0	21.3	0.0	6.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	2	Sx	-94.7	0.0	0.0	94.7
8- 2	si	14	Tz	14.0	0.2	0.0	14.0
8- 2	si	5	Ty	0.7	0.0	-0.4	1.0
11-10	si	15	Si	-94.7	0.2	0.0	94.7

-----  
 PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	712.1	0.0	0.0	-2754.9	0.0	0.0
11- 5	712.1	0.0	0.0	2279.4	0.0	0.0
11-12	712.1	0.0	0.0	-2321.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	2	Sx	-95.4	0.0	0.0	95.4
11- 5	si	7	Tz	58.9	0.0	0.0	58.9
11-12	si	10	Ty	-78.8	0.0	0.0	78.8

-----  
 PROGR. 93.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	667.6	0.0	0.0	-2754.8	0.0	-4.8
6- 1	867.8	0.0	0.0	-126.8	0.0	-6.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	2	Sx	-94.7	0.0	0.0	94.7
6- 1	si	13	Tz	-17.3	0.2	0.0	17.3
6- 1	si	5	Ty	-3.9	0.0	0.4	4.0
11-10	si	15	Si	-94.7	-0.2	0.0	94.7

-----  
 PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	534.1	0.0	0.0	-2754.7	0.0	-9.5
6- 1	694.3	0.0	0.0	-126.6	0.0	-12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	2	Sx	-92.6	0.0	0.0	92.6
6- 1	si	13	Tz	-14.6	0.5	0.0	14.6
6- 1	si	5	Ty	-3.9	0.0	0.8	4.1
11-10	si	15	Si	-92.6	-0.4	0.0	92.6

-----  
 PROGR. 130.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	311.5	0.0	0.0	-2754.5	0.0	-14.3
6- 1	405.0	0.0	0.0	-126.4	0.0	-18.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11-10	si	2	Sx	-89.2	0.0	0.0	89.2
6- 1	si	13	Tz	-10.1	0.7	0.0	10.2
6- 1	si	5	Ty	-3.9	0.0	1.3	4.4
11-10	si	15	Si	-89.2	-0.5	0.0	89.2

----- PROGR. 149.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-2754.4	0.0	-19.1
6- 1	0.0	0.0	0.0	-126.3	0.0	-24.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	3	Sx	-84.4	0.0	0.0	84.4
6- 1	si	13	Tz	-3.9	0.9	0.0	4.2
6- 1	si	5	Ty	-3.9	0.0	1.7	4.8
11-10	si	6	Si	-84.4	0.0	1.3	84.4

## VERIFICA STABILITA` :

L0 = 149.  
 Z | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Y | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Caso 11-10 - Nodo 2 - Asse Z  
 Ned = -2755.4 | Mzeq = 617.1 | Myeq = 0.0 | Ss = -108.8 ( 0.032)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 23- 148) 264  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-1341.9	0.0	19.9
6- 1	0.0	0.0	0.0	-332.3	0.0	25.8
2- 1	0.0	0.0	0.0	-277.6	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-41.1	0.0	0.0	41.1
6- 1	si	13	Tz	-10.2	-0.9	0.0	10.3
2- 1	si	5	Ty	-8.5	0.0	-1.7	9.0
11-12	si	5	Si	-41.1	0.0	-1.3	41.2

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-1341.8	0.0	14.9
6- 1	437.5	0.0	0.0	-332.1	0.0	19.4
2- 1	437.5	0.0	0.0	-277.4	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-46.3	0.0	0.0	46.3
6- 1	si	13	Tz	-16.9	-0.7	0.0	17.0
2- 1	si	5	Ty	-8.5	0.0	-1.3	8.8
11-12	si	15	Si	-46.3	0.5	0.0	46.3

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-1341.6	0.0	9.9
2- 1	750.0	0.0	0.0	-277.2	0.0	12.9
6- 1	750.0	0.0	0.0	-331.9	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-50.0	0.0	0.0	50.0
2- 1	si	13	Tz	-20.1	-0.5	0.0	20.1
6- 1	si	5	Ty	-10.2	0.0	-0.9	10.3
11-12	si	15	Si	-50.0	0.4	0.0	50.0

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-1341.5	0.0	5.0
6- 1	937.5	0.0	0.0	-331.8	0.0	6.5
2- 1	937.5	0.0	0.0	-277.1	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-52.2	0.0	0.0	52.2
6- 1	si	13	Tz	-24.6	-0.2	0.0	24.6
2- 1	si	5	Ty	-8.5	0.0	-0.4	8.5
11-12	si	15	Si	-52.2	0.2	0.0	52.2

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-1341.4	0.0	0.0
11- 5	769.2	0.0	0.0	1196.1	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-53.0	0.0	0.0	53.0
11- 5	si	7	Tz	24.8	0.0	0.0	24.8
11- 5	si	9	Ty	28.3	0.0	0.0	28.3

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-1341.2	0.0	-5.0
6- 1	937.5	0.0	0.0	-331.4	0.0	-6.5
2- 1	937.5	0.0	0.0	-276.7	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-52.2	0.0	0.0	52.2
6- 1	si	14	Tz	4.3	-0.2	0.0	4.3
2- 1	si	5	Ty	-8.5	0.0	0.4	8.5
11-12	si	15	Si	-52.2	-0.2	0.0	52.2

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-1341.1	0.0	-9.9



2- 1	750.0	0.0	0.0	-276.6	0.0	-12.9
6- 1	750.0	0.0	0.0	-331.3	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-50.0	0.0	0.0	50.0
2- 1	si	14	Tz	3.1	-0.5	0.0	3.2
6- 1	si	5	Ty	-10.1	0.0	0.9	10.3
11-12	si	15	Si	-50.0	-0.4	0.0	50.0

PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-1341.0	0.0	-14.9
6- 1	437.5	0.0	0.0	-331.1	0.0	-19.4
2- 1	437.5	0.0	0.0	-276.4	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-46.3	0.0	0.0	46.3
6- 1	si	14	Tz	-3.4	-0.7	0.0	3.6
2- 1	si	5	Ty	-8.5	0.0	1.3	8.8
11-12	si	15	Si	-46.3	-0.5	0.0	46.3

PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-1340.9	0.0	-19.9
6- 1	0.0	0.0	0.0	-330.9	0.0	-25.8
2- 1	0.0	0.0	0.0	-276.2	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-41.1	0.0	0.0	41.1
6- 1	si	14	Tz	-10.1	-0.9	0.0	10.3
2- 1	si	5	Ty	-8.5	0.0	1.7	9.0
11-12	si	6	Si	-41.1	0.0	1.3	41.1

VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-12 - Nodo 2 - Asse Z  
 Ned = -1341.9 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -59.4 ( 0.018)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 148- 127) 265  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-2329.1	0.0	19.9
4- 2	0.0	0.0	0.0	-122.8	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-71.4	0.0	0.0	71.4
4- 2	si	13	Tz	-3.8	-0.9	0.0	4.1
4- 2	si	5	Ty	-3.8	0.0	-1.7	4.8
11-12	si	5	Si	-71.4	0.0	-1.3	71.4

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-2329.0	0.0	14.9
4- 2	437.5	0.0	0.0	-122.6	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-76.5	0.0	0.0	76.5
4- 2	si	13	Tz	-10.5	-0.7	0.0	10.6
4- 2	si	5	Ty	-3.8	0.0	-1.3	4.4
11-12	si	15	Si	-76.5	0.5	0.0	76.5

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-2328.8	0.0	9.9
8- 2	750.0	0.0	0.0	-87.3	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-80.2	0.0	0.0	80.2
8- 2	si	13	Tz	-14.2	-0.5	0.0	14.3
8- 2	si	5	Ty	-2.7	0.0	-0.9	3.1
11-12	si	15	Si	-80.2	0.4	0.0	80.2

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-2328.7	0.0	5.0
8- 2	937.5	0.0	0.0	-87.2	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-82.5	0.0	0.0	82.5
8- 2	si	13	Tz	-17.1	-0.2	0.0	17.1
8- 2	si	5	Ty	-2.7	0.0	-0.4	2.8
11-12	si	15	Si	-82.5	0.2	0.0	82.5

PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-2328.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-83.2	0.0	0.0	83.2
11-12	si	7	Tz	-83.2	0.0	0.0	83.2
11-12	si	10	Ty	-79.6	0.0	0.0	79.6

PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-2328.5	0.0	-5.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	937.5	0.0	0.0	-307.4	0.0	-6.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	2	Sx	-82.5	0.0	0.0
6-1	si	14	Tz	5.0	-0.2	0.0
6-1	si	5	Ty	-9.4	0.0	0.4
11-12	si	15	Si	-82.5	-0.2	0.0
----- PROGR. 116.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-2328.3	0.0	-9.9
6-1	750.0	0.0	0.0	-307.2	0.0	-12.9

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	2	Sx	-80.2	0.0	0.0
6-1	si	14	Tz	2.2	-0.5	0.0
6-1	si	5	Ty	-9.4	0.0	0.9
11-12	si	15	Si	-80.2	-0.4	0.0
----- PROGR. 136.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-2328.2	0.0	-14.9
6-1	437.5	0.0	0.0	-307.1	0.0	-19.4

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	2	Sx	-76.5	0.0	0.0
6-1	si	13	Tz	-16.2	0.7	0.0
6-1	si	5	Ty	-9.4	0.0	1.3
11-12	si	15	Si	-76.5	-0.5	0.0
----- PROGR. 155.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-2328.1	0.0	-19.9
6-1	0.0	0.0	0.0	-306.9	0.0	-25.8

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	3	Sx	-71.3	0.0	0.0
6-1	si	13	Tz	-9.4	0.9	0.0
6-1	si	5	Ty	-9.4	0.0	1.7
11-12	si	6	Si	-71.3	0.0	1.3
----- PROGR. 155.						

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-12 - Nodo 2 - Asse Z  
 Ned = -2329.1 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -95.5 ( 0.028)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 138- 122) 278  
 ----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	0.0	0.0	0.0	-3020.3	0.0	19.9
6-1	0.0	0.0	0.0	-501.7	0.0	25.8

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	1	Sx	-92.5	0.0	0.0
6-1	si	13	Tz	-15.4	-0.9	0.0
6-1	si	5	Ty	-15.4	0.0	-1.7
11-5	si	5	Si	-92.5	0.0	-1.3
----- PROGR. 19.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	336.5	0.0	0.0	-3020.2	0.0	14.9
6-1	437.5	0.0	0.0	-501.5	0.0	19.4

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-97.7	0.0	0.0
6-1	si	13	Tz	-22.1	-0.7	0.0
6-1	si	5	Ty	-15.4	0.0	-1.3
11-5	si	15	Si	-97.7	0.5	0.0
----- PROGR. 39.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	576.9	0.0	0.0	-3020.1	0.0	9.9
6-1	750.0	0.0	0.0	-501.3	0.0	12.9

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-101.4	0.0	0.0
6-1	si	13	Tz	-26.9	-0.5	0.0
6-1	si	5	Ty	-15.4	0.0	-0.9
11-5	si	15	Si	-101.4	0.4	0.0
----- PROGR. 58.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	721.1	0.0	0.0	-3019.9	0.0	5.0
6-1	937.5	0.0	0.0	-501.2	0.0	6.5

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-103.6	0.0	0.0
6-1	si	13	Tz	-29.8	-0.2	0.0
6-1	si	5	Ty	-15.4	0.0	-0.4
11-5	si	15	Si	-103.6	0.2	0.0
----- PROGR. 78.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	769.2	0.0	0.0	-3019.8	0.0	0.0
6-1	1000.0	0.0	0.0	-501.0	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-104.4	0.0	0.0	104.4
6- 1	si	13	Tz	-30.8	0.0	0.0	30.8
6- 1	si	5	Ty	-15.3	0.0	0.0	15.3

PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	721.1	0.0	0.0	-3019.7	0.0		-5.0
8- 2	937.5	0.0	0.0	-196.8	0.0		-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-103.6	0.0	0.0	103.6
8- 2	si	13	Tz	-20.5	0.2	0.0	20.5
8- 2	si	5	Ty	-6.0	0.0	0.4	6.1
11- 5	si	15	Si	-103.6	-0.2	0.0	103.6

PROGR. 116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	576.9	0.0	0.0	-3019.6	0.0		-9.9
8- 2	750.0	0.0	0.0	-196.7	0.0		-12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-101.4	0.0	0.0	101.4
8- 2	si	13	Tz	-17.6	0.5	0.0	17.6
8- 2	si	5	Ty	-6.0	0.0	0.9	6.2
11- 5	si	15	Si	-101.4	-0.4	0.0	101.4

PROGR. 136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	336.5	0.0	0.0	-3019.4	0.0		-14.9
8- 2	437.5	0.0	0.0	-196.5	0.0		-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-97.7	0.0	0.0	97.7
8- 2	si	13	Tz	-12.8	0.7	0.0	12.8
8- 2	si	5	Ty	-6.0	0.0	1.3	6.4
11- 5	si	15	Si	-97.7	-0.5	0.0	97.7

PROGR. 155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	0.0	0.0	0.0	-3019.3	0.0		-19.9
8- 2	0.0	0.0	0.0	-196.3	0.0		-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-92.5	0.0	0.0	92.5
8- 2	si	13	Tz	-6.0	0.9	0.0	6.2
8- 2	si	5	Ty	-6.0	0.0	1.7	6.7
11- 5	si	6	Si	-92.5	0.0	1.3	92.5

VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Casoll- 5 - Nodo 2 - Asse Z  
 Ned = -3020.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -120.8 ( 0.036)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 122- 21) 279  
 PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	0.0	0.0	0.0	-2752.3	0.0		19.1
8- 2	0.0	0.0	0.0	-233.7	0.0		24.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-84.3	0.0	0.0	84.3
8- 2	si	14	Tz	-7.2	0.9	0.0	7.3
8- 2	si	5	Ty	-7.2	0.0	-1.7	7.7
11- 5	si	5	Si	-84.3	0.0	-1.3	84.4

PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	311.5	0.0	0.0	-2752.2	0.0		14.3
8- 2	405.0	0.0	0.0	-233.5	0.0		18.6

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-89.1	0.0	0.0	89.1
8- 2	si	14	Tz	-0.9	0.7	0.0	1.5
8- 2	si	5	Ty	-7.2	0.0	-1.3	7.5
11- 5	si	13	Si	-89.1	-0.5	0.0	89.1

PROGR. 37.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	534.1	0.0	0.0	-2752.1	0.0		9.5
8- 2	694.3	0.0	0.0	-233.4	0.0		12.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-92.6	0.0	0.0	92.6
8- 2	si	14	Tz	3.6	0.5	0.0	3.6
8- 2	si	5	Ty	-7.2	0.0	-0.8	7.3
11- 5	si	13	Si	-92.6	-0.4	0.0	92.6

PROGR. 56.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	667.6	0.0	0.0	-2751.9	0.0		4.8
8- 2	867.8	0.0	0.0	-233.2	0.0		6.2

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

11- 5	si	1	Sx	-94.6	0.0	0.0	94.6
8- 2	si	14	Tz	6.2	0.2	0.0	6.3
8- 2	si	5	Ty	-7.1	0.0	-0.4	7.2
11- 5	si	13	Si	-94.6	-0.2	0.0	94.6

----- PROGR. 75.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	712.1	0.0	0.0	-2751.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-95.3	0.0	0.0	95.3
11- 5	si	7	Tz	-95.3	0.0	0.0	95.3
11- 5	si	9	Ty	-92.0	0.0	0.0	92.0

----- PROGR. 93.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	667.6	0.0	0.0	-2751.7	0.0	-4.8
6- 1	867.8	0.0	0.0	-581.0	0.0	-6.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-94.6	0.0	0.0	94.6
6- 1	si	13	Tz	-31.2	0.2	0.0	31.2
6- 1	si	5	Ty	-17.8	0.0	0.4	17.8
11- 5	si	13	Si	-94.6	0.2	0.0	94.6

----- PROGR. 112.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	534.1	0.0	0.0	-2751.6	0.0	-9.5
6- 1	694.3	0.0	0.0	-580.8	0.0	-12.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-92.5	0.0	0.0	92.5
6- 1	si	13	Tz	-28.5	0.5	0.0	28.5
6- 1	si	5	Ty	-17.8	0.0	0.8	17.9
11- 5	si	13	Si	-92.5	0.4	0.0	92.5

----- PROGR. 130.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	311.5	0.0	0.0	-2751.4	0.0	-14.3
6- 1	405.0	0.0	0.0	-580.7	0.0	-18.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-89.1	0.0	0.0	89.1
6- 1	si	13	Tz	-24.0	0.7	0.0	24.1
6- 1	si	5	Ty	-17.8	0.0	1.3	17.9
11- 5	si	13	Si	-89.1	0.5	0.0	89.1

----- PROGR. 149.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-2751.3	0.0	-19.1
6- 1	0.0	0.0	0.0	-580.5	0.0	-24.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	4	Sx	-84.3	0.0	0.0	84.3
6- 1	si	13	Tz	-17.8	0.9	0.0	17.9
6- 1	si	5	Ty	-17.8	0.0	1.7	18.0
11- 5	si	5	Si	-84.3	0.0	1.3	84.3

## VERIFICA STABILITA` :

L0 = 149. |  
 Z | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Y | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Caso 11- 5 - Nodo 1 - Asse Z  
 Ned = -2752.3 | Mzeq = 617.1 | Myeq = 0.0 | Ss = -108.7 ( 0.032 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 143- 123 ) 284  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-5971.3	0.0	19.9
1- 1	0.0	0.0	0.0	-128.7	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-182.9	0.0	0.0	182.9
1- 1	si	13	Tz	-3.9	-0.9	0.0	4.3
1- 1	si	5	Ty	-3.9	0.0	-1.7	5.0
11-15	si	5	Si	-182.9	0.0	-1.3	183.0

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	336.5	0.0	0.0	-5971.2	0.0	14.9
1- 1	437.5	0.0	0.0	-128.5	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-188.1	0.0	0.0	188.1
1- 1	si	13	Tz	-10.7	-0.7	0.0	10.8
1- 1	si	5	Ty	-3.9	0.0	-1.3	4.5
11-15	si	13	Si	-188.1	-0.5	0.0	188.1

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	576.9	0.0	0.0	-5971.1	0.0	9.9
1- 1	750.0	0.0	0.0	-128.3	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-191.8	0.0	0.0	191.8
1- 1	si	13	Tz	-15.5	-0.5	0.0	15.5
1- 1	si	5	Ty	-3.9	0.0	-0.9	4.2

11-15	si	13	Si	-191.8	-0.4	0.0	191.8	
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----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	721.1	0.0	0.0	-5971.0	0.0	5.0
1-1	937.5	0.0	0.0	-128.2	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-194.1	0.0	0.0	194.1
1-1	si	13	Tz	-18.4	-0.2	0.0	18.4
1-1	si	5	Ty	-3.9	0.0	-0.4	4.0
11-15	si	13	Si	-194.1	-0.2	0.0	194.1

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	769.2	0.0	0.0	-5970.8	0.0	0.0
1-1	937.5	0.0	0.0	-127.8	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-194.0	0.0	0.0	194.0
1-1	si	13	Tz	-18.4	0.2	0.0	18.4
1-1	si	5	Ty	-3.9	0.0	0.4	4.0
11-15	si	13	Si	-194.0	0.2	0.0	194.0

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	721.1	0.0	0.0	-5970.7	0.0	-5.0
1-1	937.5	0.0	0.0	-127.8	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-194.0	0.0	0.0	194.0
1-1	si	13	Tz	-18.4	0.2	0.0	18.4
1-1	si	5	Ty	-3.9	0.0	0.4	4.0
11-15	si	13	Si	-194.0	0.2	0.0	194.0

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	576.9	0.0	0.0	-5970.6	0.0	-9.9
1-1	750.0	0.0	0.0	-127.7	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-191.8	0.0	0.0	191.8
1-1	si	13	Tz	-15.5	0.5	0.0	15.5
1-1	si	5	Ty	-3.9	0.0	0.9	4.2
11-15	si	13	Si	-191.8	0.4	0.0	191.8

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	336.5	0.0	0.0	-5970.4	0.0	-14.9
1-1	437.5	0.0	0.0	-127.5	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-188.1	0.0	0.0	188.1
1-1	si	13	Tz	-10.7	0.7	0.0	10.7
1-1	si	5	Ty	-3.9	0.0	1.3	4.5
11-15	si	13	Si	-188.1	0.5	0.0	188.1

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-5970.3	0.0	-19.9
1-1	0.0	0.0	0.0	-127.3	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-182.9	0.0	0.0	182.9
1-1	si	13	Tz	-3.9	0.9	0.0	4.2
1-1	si	5	Ty	-3.9	0.0	1.7	4.9
11-15	si	5	Si	-182.9	0.0	1.3	182.9

----- PROGR. 155.

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-15 - Nodo 1 - Asse Z  
 Ned = -5971.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -228.8 ( 0.068 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 26- 151 ) 286

----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	0.0	0.0	0.0	-491.5	0.0	19.9
1-1	0.0	0.0	0.0	-244.6	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	1	Sx	-15.1	0.0	0.0	15.1
1-1	si	13	Tz	-7.5	-0.9	0.0	7.7
1-1	si	5	Ty	-7.5	0.0	-1.7	8.1
12-9	si	5	Si	-15.1	0.0	-1.3	15.2

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	336.5	0.0	0.0	-491.3	0.0	14.9
1-1	437.5	0.0	0.0	-244.5	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	-20.2	0.0	0.0	20.2
1-1	si	13	Tz	-14.2	-0.7	0.0	14.3
1-1	si	5	Ty	-7.5	0.0	-1.3	7.8
12-9	si	15	Si	-20.2	0.5	0.0	20.3

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	750.0	0.0	0.0	-406.8	0.0	12.9

8-2			750.0		0.0		0.0	-158.3		0.0		12.9
TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6-1	si	1	Sx		-24.0		0.0		0.0		24.0	
6-1	si	13	Tz	Si	-24.0		-0.5		0.0		24.0	
8-2	si	5	Ty		-4.8		0.0		-0.9		5.1	

PROGR. 58.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		937.5		0.0		0.0		-406.6		0.0		6.5
4-2		937.5		0.0		0.0		-192.5		0.0		6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6-1	si	1	Sx		-26.9		0.0		0.0		26.9	
4-2	si	13	Tz	Si	-20.4		-0.2		0.0		20.4	
4-2	si	5	Ty		-5.9		0.0		-0.4		5.9	
6-1	si	13	Si		-26.9		-0.2		0.0		26.9	

PROGR. 78.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		1000.0		0.0		0.0		-406.5		0.0		0.0
11-12		769.2		0.0		0.0		-27.4		0.0		0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6-1	si	1	Sx	Si	-27.9		0.0		0.0		27.9	
11-12	si	7	Tz		-12.7		0.0		0.0		12.7	
11-12	si	10	Ty		-9.1		0.0		0.0		9.1	

PROGR. 97.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		937.5		0.0		0.0		-406.3		0.0		-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6-1	si	1	Sx		-26.9		0.0		0.0		26.9	
6-1	si	14	Tz		2.0		-0.2		0.0		2.1	
6-1	si	5	Ty		-12.4		0.0		0.4		12.5	
6-1	si	13	Si		-26.9		0.2		0.0		26.9	

PROGR. 116.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
6-1		750.0		0.0		0.0		-406.1		0.0		-12.9
8-1		750.0		0.0		0.0		-329.7		0.0		-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6-1	si	1	Sx		-24.0		0.0		0.0		24.0	
6-1	si	14	Tz		-0.9		-0.5		0.0		1.2	
8-1	si	5	Ty		-10.1		0.0		0.9		10.2	
6-1	si	13	Si		-24.0		0.5		0.0		24.0	

PROGR. 136.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-9		336.5		0.0		0.0		-490.6		0.0		-14.9
2-1		437.5		0.0		0.0		-354.3		0.0		-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
12-9	si	2	Sx		-20.2		0.0		0.0		20.2	
2-1	si	13	Tz		-17.6		0.7		0.0		17.6	
2-1	si	5	Ty		-10.9		0.0		1.3		11.1	
12-9	si	15	Si		-20.2		-0.5		0.0		20.2	

PROGR. 155.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-9		0.0		0.0		0.0		-490.5		0.0		-19.9
2-1		0.0		0.0		0.0		-354.2		0.0		-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
12-9	si	3	Sx		-15.0		0.0		0.0		15.0	
2-1	si	13	Tz		-10.9		0.9		0.0		11.0	
2-1	si	5	Ty		-10.9		0.0		1.7		11.3	
12-9	si	6	Si		-15.0		0.0		1.3		15.2	

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 6-1 - Nodo 1 - Asse Z  
 Ned = -407.1 | Mzeq = 866.7 | Myeq = 0.0 | Ss = -28.3 ( 0.008 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 151- 145 ) 287  
 PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-3		0.0		0.0		0.0		-563.6		0.0		19.9
2-1		0.0		0.0		0.0		-402.6		0.0		25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
11-3	si	1	Sx		-17.3		0.0		0.0		17.3	
2-1	si	13	Tz		-12.3		-0.9		0.0		12.4	
2-1	si	5	Ty		-12.3		0.0		-1.7		12.7	
11-3	si	5	Si		-17.3		0.0		-1.3		17.4	

PROGR. 19.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-3		336.5		0.0		0.0		-563.5		0.0		14.9
6-1		437.5		0.0		0.0		-453.7		0.0		19.4
2-1		437.5		0.0		0.0		-402.5		0.0		19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11- 3	si	1	Sx	-22.5	0.0	0.0	22.5
6- 1	si	13	Tz	-20.6	-0.7	0.0	20.7
2- 1	si	5	Ty	-12.3	0.0	-1.3	12.5
11- 3	si	13	Si	-22.5	-0.5	0.0	22.5

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	576.9	0.0	0.0	-563.4	0.0	9.9
6- 1	750.0	0.0	0.0	-453.5	0.0	12.9
2- 1	750.0	0.0	0.0	-402.3	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-26.2	0.0	0.0	26.2
6- 1	si	13	Tz	-25.5	-0.5	0.0	25.5
2- 1	si	5	Ty	-12.3	0.0	-0.9	12.4
11- 3	si	13	Si	-26.2	-0.4	0.0	26.2

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	721.1	0.0	0.0	-563.3	0.0	5.0
6- 1	937.5	0.0	0.0	-453.3	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-28.4	0.0	0.0	28.4
6- 1	si	13	Tz	-28.3	-0.2	0.0	28.3
6- 1	si	5	Ty	-13.9	0.0	-0.4	13.9
11- 3	si	13	Si	-28.4	-0.2	0.0	28.4

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1000.0	0.0	0.0	-453.2	0.0	0.0
11-12	769.2	0.0	0.0	155.1	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-29.3	0.0	0.0	29.3
11-12	si	7	Tz	-7.1	0.0	0.0	7.1
11-12	si	10	Ty	-3.6	0.0	0.0	3.6

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	721.1	0.0	0.0	-563.0	0.0	-5.0
6- 1	937.5	0.0	0.0	-453.0	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-28.4	0.0	0.0	28.4
6- 1	si	14	Tz	0.6	-0.2	0.0	0.7
6- 1	si	5	Ty	-13.9	0.0	0.4	13.9
11- 3	si	13	Si	-28.4	0.2	0.0	28.4

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	576.9	0.0	0.0	-562.9	0.0	-9.9
6- 1	750.0	0.0	0.0	-452.8	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-26.1	0.0	0.0	26.1
6- 1	si	14	Tz	-2.3	-0.5	0.0	2.4
6- 1	si	5	Ty	-13.9	0.0	0.9	14.0
11- 3	si	13	Si	-26.1	0.4	0.0	26.1

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	336.5	0.0	0.0	-562.7	0.0	-14.9
6- 1	437.5	0.0	0.0	-452.7	0.0	-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-22.4	0.0	0.0	22.4
6- 1	si	14	Tz	-7.1	-0.7	0.0	7.2
6- 1	si	5	Ty	-13.9	0.0	1.3	14.1
11- 3	si	13	Si	-22.4	0.5	0.0	22.5

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	0.0	0.0	0.0	-562.6	0.0	-19.9
6- 1	0.0	0.0	0.0	-452.5	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	4	Sx	-17.2	0.0	0.0	17.2
6- 1	si	14	Tz	-13.9	-0.9	0.0	14.0
6- 1	si	5	Ty	-13.9	0.0	1.7	14.2
11- 3	si	5	Si	-17.2	0.0	1.3	17.4

## VERIFICA STABILITA` :

L0 = 155.  
Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Casoll- 3 - Nodo 1 - Asse Z  
Ned = -563.6 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -30.9 ( 0.009 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 145- 135) 288  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	0.0	0.0	0.0	-744.7	0.0	19.9
6- 1	0.0	0.0	0.0	-504.7	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-22.8	0.0	0.0	22.8

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6- 1	si	14	Tz	-15.5	0.9	0.0	15.6
6- 1	si	5	Ty	-15.5	0.0	-1.7	15.8
11- 3	si	5	Si	-22.8	0.0	-1.3	22.9

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	336.5	0.0	0.0	-744.6	0.0	14.9
6- 1	437.5	0.0	0.0	-504.6	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-28.0	0.0	0.0	28.0
6- 1	si	14	Tz	-8.7	0.7	0.0	8.8
6- 1	si	5	Ty	-15.5	0.0	-1.3	15.6
11- 3	si	15	Si	-28.0	0.5	0.0	28.0

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	576.9	0.0	0.0	-744.5	0.0	9.9
6- 1	750.0	0.0	0.0	-504.4	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-31.7	0.0	0.0	31.7
6- 1	si	14	Tz	-3.9	0.5	0.0	4.0
6- 1	si	5	Ty	-15.5	0.0	-0.9	15.5
11- 3	si	15	Si	-31.7	0.4	0.0	31.7

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	721.1	0.0	0.0	-744.3	0.0	5.0
6- 1	937.5	0.0	0.0	-504.2	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-33.9	0.0	0.0	33.9
6- 1	si	14	Tz	-1.0	0.2	0.0	1.1
6- 1	si	5	Ty	-15.4	0.0	-0.4	15.5
11- 3	si	15	Si	-33.9	0.2	0.0	33.9

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	769.2	0.0	0.0	-744.2	0.0	0.0
11-12	769.2	0.0	0.0	285.4	0.0	0.0
6- 1	1000.0	0.0	0.0	-504.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-34.7	0.0	0.0	34.7
11-12	si	7	Tz	-3.1	0.0	0.0	3.1
6- 1	si	5	Ty	-15.4	0.0	0.0	15.4

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	721.1	0.0	0.0	-744.1	0.0	-5.0
8- 2	937.5	0.0	0.0	-225.1	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-33.9	0.0	0.0	33.9
8- 2	si	13	Tz	-21.4	0.2	0.0	21.4
8- 2	si	5	Ty	-6.9	0.0	0.4	6.9
11- 3	si	15	Si	-33.9	-0.2	0.0	33.9

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	576.9	0.0	0.0	-743.9	0.0	-9.9
8- 2	750.0	0.0	0.0	-225.0	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-31.7	0.0	0.0	31.7
8- 2	si	13	Tz	-18.5	0.5	0.0	18.5
8- 2	si	5	Ty	-6.9	0.0	0.9	7.1
11- 3	si	15	Si	-31.7	-0.4	0.0	31.7

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	336.5	0.0	0.0	-743.8	0.0	-14.9
8- 2	437.5	0.0	0.0	-224.8	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-28.0	0.0	0.0	28.0
8- 2	si	13	Tz	-13.6	0.7	0.0	13.7
8- 2	si	5	Ty	-6.9	0.0	1.3	7.3
11- 3	si	15	Si	-28.0	-0.5	0.0	28.0

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 3	0.0	0.0	0.0	-743.7	0.0	-19.9
8- 2	0.0	0.0	0.0	-224.6	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	2	Sx	-22.8	0.0	0.0	22.8
8- 2	si	13	Tz	-6.9	0.9	0.0	7.1
8- 2	si	5	Ty	-6.9	0.0	1.7	7.5
11- 3	si	6	Si	-22.8	0.0	1.3	22.9

## VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso11- 3 - Nodo 2 - Asse Z  
 Ned = -744.7 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -37.5 ( 0.011)



CASSONE_S002 ( 2 )		stato limite ultimo - ASTA ( 135- 136)					289
							PROGR. 0.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		0.0	0.0	0.0	-926.7	0.0	19.9
8- 2		0.0	0.0	0.0	-250.0	0.0	25.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-28.4	0.0	0.0	28.4
8- 2	si	13	Tz	-7.7	-0.9	0.0	7.8
8- 2	si	5	Ty	-7.7	0.0	-1.7	8.2
11- 3	si	5	Si	-28.4	0.0	-1.3	28.5
							PROGR. 19.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		336.5	0.0	0.0	-926.6	0.0	14.9
8- 2		437.5	0.0	0.0	-249.8	0.0	19.4
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-33.6	0.0	0.0	33.6
8- 2	si	13	Tz	-14.4	-0.7	0.0	14.5
8- 2	si	5	Ty	-7.7	0.0	-1.3	8.0
11- 3	si	13	Si	-33.6	-0.5	0.0	33.6
							PROGR. 39.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		576.9	0.0	0.0	-926.5	0.0	9.9
8- 2		750.0	0.0	0.0	-249.7	0.0	12.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-37.3	0.0	0.0	37.3
8- 2	si	13	Tz	-19.2	-0.5	0.0	19.2
8- 2	si	5	Ty	-7.6	0.0	-0.9	7.8
11- 3	si	13	Si	-37.3	-0.4	0.0	37.3
							PROGR. 58.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		721.1	0.0	0.0	-926.4	0.0	5.0
8- 2		937.5	0.0	0.0	-249.5	0.0	6.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-39.5	0.0	0.0	39.5
8- 2	si	13	Tz	-22.1	-0.2	0.0	22.1
8- 2	si	5	Ty	-7.6	0.0	-0.4	7.7
11- 3	si	13	Si	-39.5	-0.2	0.0	39.5
							PROGR. 78.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		769.2	0.0	0.0	-926.2	0.0	0.0
11-15		769.2	0.0	0.0	482.2	0.0	0.0
6- 1		1000.0	0.0	0.0	-536.4	0.0	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-40.2	0.0	0.0	40.2
11-15	si	7	Tz	2.9	0.0	0.0	2.9
6- 1	si	5	Ty	-16.4	0.0	0.0	16.4
							PROGR. 97.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		721.1	0.0	0.0	-926.1	0.0	-5.0
6- 1		937.5	0.0	0.0	-536.3	0.0	-6.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-39.5	0.0	0.0	39.5
6- 1	si	13	Tz	-30.9	0.2	0.0	30.9
6- 1	si	5	Ty	-16.4	0.0	0.4	16.4
11- 3	si	13	Si	-39.5	0.2	0.0	39.5
							PROGR. 116.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		576.9	0.0	0.0	-926.0	0.0	-9.9
6- 1		750.0	0.0	0.0	-536.1	0.0	-12.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-37.3	0.0	0.0	37.3
6- 1	si	13	Tz	-28.0	0.5	0.0	28.0
6- 1	si	5	Ty	-16.4	0.0	0.9	16.5
11- 3	si	13	Si	-37.3	0.4	0.0	37.3
							PROGR. 136.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		336.5	0.0	0.0	-925.8	0.0	-14.9
6- 1		437.5	0.0	0.0	-535.9	0.0	-19.4
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-33.6	0.0	0.0	33.6
6- 1	si	13	Tz	-23.2	0.7	0.0	23.2
6- 1	si	5	Ty	-16.4	0.0	1.3	16.6
11- 3	si	13	Si	-33.6	0.5	0.0	33.6
							PROGR. 155.
SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 3		0.0	0.0	0.0	-925.7	0.0	-19.9
6- 1		0.0	0.0	0.0	-535.8	0.0	-25.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	4	Sx	-28.4	0.0	0.0	28.4
6- 1	si	13	Tz	-16.4	0.9	0.0	16.5
6- 1	si	5	Ty	-16.4	0.0	1.7	16.7

## Posto di Controllo Centralizzato - Relazione di calcolo - Edificio - Allegati

11- 3	si	5	Si	-28.4	0.0	1.3	28.5
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 VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr= 223764.3 | alfa(a)=0.2100 | ki=0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr= 223764.3 | alfa(a)=0.2100 | ki=0.8383 |  
 Caso 11- 3 - Nodo 1 - Asse Z  
 Ned = -926.7 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -44.2 ( 0.013)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 136- 137 ) 290  
 -----  
 PROG. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1029.7	0.0	19.9
1- 1	0.0	0.0	0.0	-344.3	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-31.5	0.0	0.0	31.5
1- 1	si	13	Tz	-10.5	-0.9	0.0	10.7
1- 1	si	5	Ty	-10.5	0.0	-1.7	11.0
11- 1	si	5	Si	-31.5	0.0	-1.3	31.6

-----  
 PROG. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	336.5	0.0	0.0	-1029.6	0.0	14.9
1- 1	437.5	0.0	0.0	-344.1	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-36.7	0.0	0.0	36.7
1- 1	si	13	Tz	-17.3	-0.7	0.0	17.3
1- 1	si	5	Ty	-10.5	0.0	-1.3	10.8
11- 1	si	13	Si	-36.7	-0.5	0.0	36.7

-----  
 PROG. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	576.9	0.0	0.0	-1029.5	0.0	9.9
1- 1	750.0	0.0	0.0	-344.0	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-40.4	0.0	0.0	40.4
1- 1	si	13	Tz	-22.1	-0.5	0.0	22.1
1- 1	si	5	Ty	-10.5	0.0	-0.9	10.6
11- 1	si	13	Si	-40.4	-0.4	0.0	40.4

-----  
 PROG. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	721.1	0.0	0.0	-1029.3	0.0	5.0
1- 1	937.5	0.0	0.0	-343.8	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-42.7	0.0	0.0	42.7
1- 1	si	13	Tz	-25.0	-0.2	0.0	25.0
1- 1	si	5	Ty	-10.5	0.0	-0.4	10.6
11- 1	si	13	Si	-42.7	-0.2	0.0	42.7

-----  
 PROG. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	769.2	0.0	0.0	-1029.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-43.4	0.0	0.0	43.4

-----  
 PROG. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	721.1	0.0	0.0	-1029.1	0.0	-5.0
1- 1	937.5	0.0	0.0	-343.5	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-42.6	0.0	0.0	42.6
1- 1	si	13	Tz	-25.0	0.2	0.0	25.0
1- 1	si	5	Ty	-10.5	0.0	0.4	10.5
11- 1	si	13	Si	-42.6	0.2	0.0	42.7

-----  
 PROG. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	576.9	0.0	0.0	-1029.0	0.0	-9.9
1- 1	750.0	0.0	0.0	-343.3	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-40.4	0.0	0.0	40.4
1- 1	si	13	Tz	-22.1	0.5	0.0	22.1
1- 1	si	5	Ty	-10.5	0.0	0.9	10.6
11- 1	si	13	Si	-40.4	0.4	0.0	40.4

-----  
 PROG. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	336.5	0.0	0.0	-1028.8	0.0	-14.9
1- 1	437.5	0.0	0.0	-343.1	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-36.7	0.0	0.0	36.7
1- 1	si	13	Tz	-17.3	0.7	0.0	17.3
1- 1	si	5	Ty	-10.5	0.0	1.3	10.8
11- 1	si	13	Si	-36.7	0.5	0.0	36.7

-----  
 PROG. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1028.7	0.0	-19.9

1-1			0.0	0.0	0.0	-343.0	0.0	-25.8
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-31.5	0.0	0.0	31.5	
1-1	si	13	Tz	-10.5	0.9	0.0	10.6	
1-1	si	5	Ty	-10.5	0.0	1.7	10.9	
11-1	si	5	Si	-31.5	0.0	1.3	31.6	

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 VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-1 - Nodo 1 - Asse Z  
 Ned = -1029.7 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -48.0 ( 0.014)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 137- 121) 291  
 -----  
 PROGR. 0.

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		0.0		0.0		0.0		-1245.4
8-2		0.0		0.0		0.0		-270.6
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-38.2	0.0	0.0	38.2	
8-2	si	13	Tz	-8.3	-0.9	0.0	8.5	
8-2	si	5	Ty	-8.3	0.0	-1.7	8.8	
11-1	si	5	Si	-38.2	0.0	-1.3	38.2	

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		336.5		0.0		0.0		-1245.2
8-2		437.5		0.0		0.0		-270.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-43.3	0.0	0.0	43.3	
8-2	si	13	Tz	-15.0	-0.7	0.0	15.1	
8-2	si	5	Ty	-8.3	0.0	-1.3	8.6	
11-1	si	13	Si	-43.3	-0.5	0.0	43.4	

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		576.9		0.0		0.0		-1245.1
8-2		750.0		0.0		0.0		-270.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-47.0	0.0	0.0	47.0	
8-2	si	13	Tz	-19.8	-0.5	0.0	19.9	
8-2	si	5	Ty	-8.3	0.0	-0.9	8.4	
11-1	si	13	Si	-47.0	-0.4	0.0	47.0	

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		721.1		0.0		0.0		-1245.0
8-2		937.5		0.0		0.0		-270.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-49.3	0.0	0.0	49.3	
8-2	si	13	Tz	-22.7	-0.2	0.0	22.7	
8-2	si	5	Ty	-8.3	0.0	-0.4	8.3	
11-1	si	13	Si	-49.3	-0.2	0.0	49.3	

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		769.2		0.0		0.0		-1244.9
6-1		1000.0		0.0		0.0		-551.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-50.0	0.0	0.0	50.0	
6-1	si	13	Tz	-32.3	0.0	0.0	32.3	
6-1	si	5	Ty	-16.9	0.0	0.0	16.9	

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		721.1		0.0		0.0		-1244.7
6-1		937.5		0.0		0.0		-550.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-49.3	0.0	0.0	49.3	
6-1	si	13	Tz	-31.3	0.2	0.0	31.3	
6-1	si	5	Ty	-16.9	0.0	0.4	16.9	
11-1	si	13	Si	-49.3	0.2	0.0	49.3	

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		576.9		0.0		0.0		-1244.6
6-1		750.0		0.0		0.0		-550.7
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-1	si	1	Sx	-47.0	0.0	0.0	47.0	
6-1	si	13	Tz	-28.4	0.5	0.0	28.5	
6-1	si	5	Ty	-16.9	0.0	0.9	16.9	
11-1	si	13	Si	-47.0	0.4	0.0	47.0	

SOLLECITAZIONI :								
Caso		MZ		MY		MT		N
11-1		336.5		0.0		0.0		-1244.5
6-1		437.5		0.0		0.0		-550.6
TENSIONI (Sz= 0.00) :								

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-43.3	0.0	0.0	43.3
6- 1	si	13	Tz	-23.6	0.7	0.0	23.6
6- 1	si	5	Ty	-16.9	0.0	1.3	17.0
11- 1	si	13	Si	-43.3	0.5	0.0	43.3

PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1244.3	0.0	-19.9
6- 1	0.0	0.0	0.0	-550.4	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	4	Sx	-38.1	0.0	0.0	38.1
6- 1	si	13	Tz	-16.9	0.9	0.0	16.9
6- 1	si	5	Ty	-16.9	0.0	1.7	17.1
11- 1	si	5	Si	-38.1	0.0	1.3	38.2

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 1 - Nodo 1 - Asse Z  
 Ned = -1245.4 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -55.9 ( 0.017)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 121- 18) 292  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1578.3	0.0	19.1
1- 1	0.0	0.0	0.0	-339.6	0.0	24.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-48.4	0.0	0.0	48.4
1- 1	si	14	Tz	-10.4	0.9	0.0	10.5
1- 1	si	5	Ty	-10.4	0.0	-1.7	10.8
11- 1	si	5	Si	-48.4	0.0	-1.3	48.4

PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	311.5	0.0	0.0	-1578.2	0.0	14.3
1- 1	405.0	0.0	0.0	-339.4	0.0	18.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-53.2	0.0	0.0	53.2
1- 1	si	14	Tz	-4.2	0.7	0.0	4.3
1- 1	si	5	Ty	-10.4	0.0	-1.3	10.6
11- 1	si	13	Si	-53.2	-0.5	0.0	53.2

PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	534.1	0.0	0.0	-1578.1	0.0	9.5
2- 1	694.3	0.0	0.0	-493.8	0.0	12.4
1- 1	694.3	0.0	0.0	-339.2	0.0	12.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-56.6	0.0	0.0	56.6
2- 1	si	14	Tz	-4.4	0.5	0.0	4.5
1- 1	si	5	Ty	-10.4	0.0	-0.8	10.5
11- 1	si	13	Si	-56.6	-0.4	0.0	56.6

PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	667.6	0.0	0.0	-1578.0	0.0	4.8
2- 1	867.8	0.0	0.0	-493.7	0.0	6.2
1- 1	867.8	0.0	0.0	-339.1	0.0	6.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-58.6	0.0	0.0	58.6
2- 1	si	14	Tz	-1.7	0.2	0.0	1.8
1- 1	si	5	Ty	-10.4	0.0	-0.4	10.4
11- 1	si	13	Si	-58.6	-0.2	0.0	58.6

PROGR. 75.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	712.1	0.0	0.0	-1577.8	0.0	0.0
11- 5	712.1	0.0	0.0	-1246.6	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-59.3	0.0	0.0	59.3
11- 5	si	7	Tz	-49.2	0.0	0.0	49.2
11- 5	si	9	Ty	-45.9	0.0	0.0	45.9

PROGR. 93.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	667.6	0.0	0.0	-1577.7	0.0	-4.8
2- 1	867.8	0.0	0.0	-493.4	0.0	-6.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-58.6	0.0	0.0	58.6
2- 1	si	13	Tz	-28.5	0.2	0.0	28.5
2- 1	si	5	Ty	-15.1	0.0	0.4	15.1
11- 1	si	13	Si	-58.6	0.2	0.0	58.6

PROGR. 112.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	534.1	0.0	0.0	-1577.6	0.0	-9.5
2- 1	694.3	0.0	0.0	-493.2	0.0	-12.4
1- 1	694.3	0.0	0.0	-338.6	0.0	-12.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-56.6	0.0	0.0	56.6
2- 1	si	13	Tz	-25.8	0.5	0.0	25.8
1- 1	si	5	Ty	-10.4	0.0	0.8	10.5
11- 1	si	13	Si	-56.6	0.4	0.0	56.6

PROGR. 130.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	311.5	0.0	0.0	-1577.5	0.0	-14.3	
2- 1	405.0	0.0	0.0	-493.0	0.0	-18.6	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-53.1	0.0	0.0	53.1
2- 1	si	13	Tz	-21.4	0.7	0.0	21.4
2- 1	si	5	Ty	-15.1	0.0	1.3	15.3
11- 1	si	13	Si	-53.1	0.5	0.0	53.1

PROGR. 149.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	0.0	0.0	0.0	-1577.3	0.0	-19.1	
2- 1	0.0	0.0	0.0	-492.9	0.0	-24.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	4	Sx	-48.3	0.0	0.0	48.3
2- 1	si	13	Tz	-15.1	0.9	0.0	15.2
2- 1	si	5	Ty	-15.1	0.0	1.7	15.4
11- 1	si	5	Si	-48.3	0.0	1.3	48.4

## VERIFICA STABILITA` :

L0 = 149. |  
 Z | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Y | Lc = 149. | Ro = 2.82 | lm = 52.9 | Ncr = 241723.3 | alfa(a) = 0.2100 | ki = 0.8513 |  
 Caso 11- 1 - Nodo 1 - Asse Z  
 Ned = -1578.3 | Mzeq = 617.1 | Myeq = 0.0 | Ss = -66.4 ( 0.020 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 146- 140 ) 293  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	0.0	0.0	0.0	-3330.0	0.0	19.9	
6- 1	0.0	0.0	0.0	-412.4	0.0	25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-102.0	0.0	0.0	102.0
6- 1	si	14	Tz	-12.6	0.9	0.0	12.7
6- 1	si	5	Ty	-12.6	0.0	-1.7	13.0
11- 5	si	5	Si	-102.0	0.0	-1.3	102.0

PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	336.5	0.0	0.0	-3329.9	0.0	14.9	
6- 1	437.5	0.0	0.0	-412.2	0.0	19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-107.2	0.0	0.0	107.2
6- 1	si	14	Tz	-5.9	0.7	0.0	6.0
6- 1	si	5	Ty	-12.6	0.0	-1.3	12.8
11- 5	si	15	Si	-107.2	0.5	0.0	107.2

PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	576.9	0.0	0.0	-3329.8	0.0	9.9	
6- 1	750.0	0.0	0.0	-412.1	0.0	12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-110.9	0.0	0.0	110.9
6- 1	si	14	Tz	-1.1	0.5	0.0	1.3
6- 1	si	5	Ty	-12.6	0.0	-0.9	12.7
11- 5	si	15	Si	-110.9	0.4	0.0	110.9

PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	721.1	0.0	0.0	-3329.6	0.0	5.0	
6- 1	937.5	0.0	0.0	-411.9	0.0	6.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-113.1	0.0	0.0	113.1
6- 1	si	14	Tz	1.8	0.2	0.0	1.9
6- 1	si	5	Ty	-12.6	0.0	-0.4	12.6
11- 5	si	15	Si	-113.1	0.2	0.0	113.1

PROGR. 78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	769.2	0.0	0.0	-3329.5	0.0	0.0	
11-12	769.2	0.0	0.0	3141.8	0.0	0.0	
6- 1	1000.0	0.0	0.0	-411.7	0.0	0.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-113.9	0.0	0.0	113.9
11-12	si	7	Tz	84.4	0.0	0.0	84.4
6- 1	si	5	Ty	-12.6	0.0	0.0	12.6

PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	721.1	0.0	0.0	-3329.4	0.0	-5.0	
8- 2	937.5	0.0	0.0	-146.4	0.0	-6.5	

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-113.1	0.0	0.0	113.1
8- 2	si	13	Tz	-18.9	0.2	0.0	18.9
8- 2	si	5	Ty	-4.5	0.0	0.4	4.5
11- 5	si	15	Si	-113.1	-0.2	0.0	113.1

PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-3329.3	0.0	-9.9
8- 2	750.0	0.0	0.0	-146.2	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-110.9	0.0	0.0	110.9
8- 2	si	13	Tz	-16.0	0.5	0.0	16.1
8- 2	si	5	Ty	-4.5	0.0	0.9	4.7
11- 5	si	15	Si	-110.9	-0.4	0.0	110.9

PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-3329.1	0.0	-14.9
8- 2	437.5	0.0	0.0	-146.1	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-107.2	0.0	0.0	107.2
8- 2	si	13	Tz	-11.2	0.7	0.0	11.3
8- 2	si	5	Ty	-4.5	0.0	1.3	5.0
11- 5	si	15	Si	-107.2	-0.5	0.0	107.2

PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3329.0	0.0	-19.9
8- 2	0.0	0.0	0.0	-145.9	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-102.0	0.0	0.0	102.0
8- 2	si	13	Tz	-4.5	0.9	0.0	4.8
8- 2	si	5	Ty	-4.5	0.0	1.7	5.4
11- 5	si	6	Si	-102.0	0.0	1.3	102.0

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 5 - Nodo 2 - Asse Z  
 Ned = -3330.0 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -132.1 ( 0.039)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 140- 139) 294  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3626.3	0.0	19.9
8- 2	0.0	0.0	0.0	-158.1	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-111.1	0.0	0.0	111.1
8- 2	si	13	Tz	-4.8	-0.9	0.0	5.1
8- 2	si	5	Ty	-4.8	0.0	-1.7	5.7
11- 5	si	5	Si	-111.1	0.0	-1.3	111.1

PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-3626.2	0.0	14.9
8- 2	437.5	0.0	0.0	-158.0	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-116.3	0.0	0.0	116.3
8- 2	si	13	Tz	-11.6	-0.7	0.0	11.7
8- 2	si	5	Ty	-4.8	0.0	-1.3	5.3
11- 5	si	13	Si	-116.3	-0.5	0.0	116.3

PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-3626.1	0.0	9.9
8- 2	750.0	0.0	0.0	-157.8	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-120.0	0.0	0.0	120.0
8- 2	si	13	Tz	-16.4	-0.5	0.0	16.4
8- 2	si	5	Ty	-4.8	0.0	-0.9	5.1
11- 5	si	13	Si	-120.0	-0.4	0.0	120.0

PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-3625.9	0.0	5.0
8- 2	937.5	0.0	0.0	-157.6	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-122.2	0.0	0.0	122.2
8- 2	si	13	Tz	-19.3	-0.2	0.0	19.3
8- 2	si	5	Ty	-4.8	0.0	-0.4	4.9
11- 5	si	13	Si	-122.2	-0.2	0.0	122.2

PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.2	0.0	0.0	-3625.8	0.0	0.0
11- 2	769.2	0.0	0.0	-2725.7	0.0	0.0
11- 1	769.2	0.0	0.0	-2857.4	0.0	0.0

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-122.9	0.0	0.0	122.9
11- 2	si	7	Tz	-95.4	0.0	0.0	95.4
11- 1	si	9	Ty	-95.8	0.0	0.0	95.8

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-3625.7	0.0	-5.0
6- 1	937.5	0.0	0.0	-428.7	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-122.2	0.0	0.0	122.2
6- 1	si	14	Tz	1.3	-0.2	0.0	1.4
6- 1	si	5	Ty	-13.1	0.0	0.4	13.2
11- 5	si	13	Si	-122.2	0.2	0.0	122.2

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-3625.6	0.0	-9.9
6- 1	750.0	0.0	0.0	-428.5	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-120.0	0.0	0.0	120.0
6- 1	si	14	Tz	-1.6	-0.5	0.0	1.8
6- 1	si	5	Ty	-13.1	0.0	0.9	13.2
11- 5	si	13	Si	-120.0	0.4	0.0	120.0

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-3625.4	0.0	-14.9
6- 1	437.5	0.0	0.0	-428.3	0.0	-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-116.3	0.0	0.0	116.3
6- 1	si	13	Tz	-19.9	0.7	0.0	19.9
6- 1	si	5	Ty	-13.1	0.0	1.3	13.3
11- 5	si	13	Si	-116.3	0.5	0.0	116.3

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3625.3	0.0	-19.9
6- 1	0.0	0.0	0.0	-428.2	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	4	Sx	-111.1	0.0	0.0	111.1
6- 1	si	13	Tz	-13.1	0.9	0.0	13.2
6- 1	si	5	Ty	-13.1	0.0	1.7	13.5
11- 5	si	5	Si	-111.1	0.0	1.3	111.1

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 5 - Nodo 1 - Asse Z  
 Ned = -3626.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -143.0 ( 0.042 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 139- 138 ) 295  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3465.6	0.0	19.9
1- 1	0.0	0.0	0.0	-274.9	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-106.2	0.0	0.0	106.2
1- 1	si	13	Tz	-8.4	-0.9	0.0	8.6
1- 1	si	5	Ty	-8.4	0.0	-1.7	8.9
11- 5	si	5	Si	-106.2	0.0	-1.3	106.2

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.5	0.0	0.0	-3465.5	0.0	14.9
1- 1	437.5	0.0	0.0	-274.7	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-111.4	0.0	0.0	111.4
1- 1	si	13	Tz	-15.2	-0.7	0.0	15.2
1- 1	si	5	Ty	-8.4	0.0	-1.3	8.7
11- 5	si	13	Si	-111.4	-0.5	0.0	111.4

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	576.9	0.0	0.0	-3465.3	0.0	9.9
1- 1	750.0	0.0	0.0	-274.5	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-115.1	0.0	0.0	115.1
1- 1	si	13	Tz	-20.0	-0.5	0.0	20.0
1- 1	si	5	Ty	-8.4	0.0	-0.9	8.5
11- 5	si	13	Si	-115.1	-0.4	0.0	115.1

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.1	0.0	0.0	-3465.2	0.0	5.0
1- 1	937.5	0.0	0.0	-274.4	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-117.3	0.0	0.0	117.3

1-1	si	13	Tz	-22.9	-0.2	0.0	22.9
1-1	si	5	Ty	-8.4	0.0	-0.4	8.4
11-5	si	13	Si	-117.3	-0.2	0.0	117.3
							77.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	769.2	0.0	0.0	-3465.1	0.0	0.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	1	Sx	Si	-118.0	0.0	0.0	118.0

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	721.1	0.0	0.0	-3464.9	0.0	-5.0
1-1	937.5	0.0	0.0	-274.0	0.0	-6.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	1	Sx	Si	-117.3	0.0	0.0	117.3
1-1	si	13	Tz	Si	-22.9	0.2	0.0	22.9
1-1	si	5	Ty	Si	-8.4	0.0	0.4	8.4
11-5	si	13	Si	Si	-117.3	0.2	0.0	117.3

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	576.9	0.0	0.0	-3464.8	0.0	-9.9
1-1	750.0	0.0	0.0	-273.9	0.0	-12.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	1	Sx	Si	-115.0	0.0	0.0	115.0
1-1	si	13	Tz	Si	-20.0	0.5	0.0	20.0
1-1	si	5	Ty	Si	-8.4	0.0	0.9	8.5
11-5	si	13	Si	Si	-115.0	0.4	0.0	115.1

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	336.5	0.0	0.0	-3464.7	0.0	-14.9
1-1	437.5	0.0	0.0	-273.7	0.0	-19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	1	Sx	Si	-111.3	0.0	0.0	111.3
1-1	si	13	Tz	Si	-15.1	0.7	0.0	15.2
1-1	si	5	Ty	Si	-8.4	0.0	1.3	8.7
11-5	si	13	Si	Si	-111.3	0.5	0.0	111.3

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	0.0	0.0	0.0	-3464.6	0.0	-19.9
1-1	0.0	0.0	0.0	-273.5	0.0	-25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	1	Sx	Si	-106.1	0.0	0.0	106.1
1-1	si	13	Tz	Si	-8.4	0.9	0.0	8.5
1-1	si	5	Ty	Si	-8.4	0.0	1.7	8.9
11-5	si	5	Si	Si	-106.1	0.0	1.3	106.2

VERIFICA STABILITA` :

L0 = 155. |  
Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Cas011- 5 - Nodo 1 - Asse Z  
Ned = -3465.6 | MzEq = 666.7 | MyEq = 0.0 | Ss = -137.1 ( 0.041 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 149- 128 ) 301  
----- PROGR. 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	-418.5	0.0	19.9
6-1	0.0	0.0	0.0	-402.2	0.0	25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-11	si	1	Sx	Si	-12.8	0.0	0.0	12.8
6-1	si	13	Tz	Si	-12.3	-0.9	0.0	12.4
6-1	si	5	Ty	Si	-12.3	0.0	-1.7	12.7
12-11	si	5	Si	Si	-12.8	0.0	-1.3	13.0

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	437.5	0.0	0.0	-402.0	0.0	19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-19.1	0.0	0.0	19.1
6-1	si	13	Tz	Si	-19.1	-0.7	0.0	19.1
6-1	si	5	Ty	Si	-12.3	0.0	-1.3	12.5

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	750.0	0.0	0.0	-401.9	0.0	12.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-23.9	0.0	0.0	23.9
6-1	si	13	Tz	Si	-23.9	-0.5	0.0	23.9
6-1	si	5	Ty	Si	-12.3	0.0	-0.9	12.4

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	937.5	0.0	0.0	-401.7	0.0	6.5



6-1	si	1	Sx	-26.8	0.0	0.0	26.8
6-1	si	13	Tz	-26.8	-0.2	0.0	26.8
6-1	si	5	Ty	-12.3	0.0	-0.4	12.3

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	1000.0	0.0	0.0	-401.6	0.0	0.0
11-12	769.2	0.0	0.0	-332.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-27.7	0.0	0.0	27.7
11-12	si	7	Tz	-22.0	0.0	0.0	22.0
11-12	si	10	Ty	-18.5	0.0	0.0	18.5

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	937.5	0.0	0.0	-401.4	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-26.8	0.0	0.0	26.8
6-1	si	14	Tz	2.2	-0.2	0.0	2.2
6-1	si	5	Ty	-12.3	0.0	0.4	12.3
6-1	si	13	Si	-26.8	0.2	0.0	26.8

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	750.0	0.0	0.0	-401.2	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-23.9	0.0	0.0	23.9
6-1	si	14	Tz	-0.7	-0.5	0.0	1.1
6-1	si	5	Ty	-12.3	0.0	0.9	12.4
6-1	si	13	Si	-23.9	0.5	0.0	23.9

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	437.5	0.0	0.0	-401.1	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-19.0	0.0	0.0	19.0
6-1	si	13	Tz	-19.0	0.7	0.0	19.1
6-1	si	5	Ty	-12.3	0.0	1.3	12.5

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	-417.4	0.0	-19.9
6-1	0.0	0.0	0.0	-400.9	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	3	Sx	-12.8	0.0	0.0	12.8
6-1	si	13	Tz	-12.3	0.9	0.0	12.4
6-1	si	5	Ty	-12.3	0.0	1.7	12.6
12-11	si	6	Si	-12.8	0.0	1.3	13.0

## VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso 6-1 - Nodo 2 - Asse Z  
 Ned = -402.2 |Mzeq = 866.7 |Myeq = 0.0 |Ss = -28.1 ( 0.008)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 128- 129) 302  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	-651.8	0.0	19.9
1-1	0.0	0.0	0.0	-272.2	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-20.0	0.0	0.0	20.0
1-1	si	13	Tz	-8.3	-0.9	0.0	8.5
1-1	si	5	Ty	-8.3	0.0	-1.7	8.9
12-11	si	5	Si	-20.0	0.0	-1.3	20.1

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	336.5	0.0	0.0	-651.7	0.0	14.9
1-1	437.5	0.0	0.0	-272.0	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-25.2	0.0	0.0	25.2
1-1	si	13	Tz	-15.1	-0.7	0.0	15.1
1-1	si	5	Ty	-8.3	0.0	-1.3	8.6
12-11	si	13	Si	-25.2	-0.5	0.0	25.2

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	576.9	0.0	0.0	-651.6	0.0	9.9
1-1	750.0	0.0	0.0	-271.8	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-28.9	0.0	0.0	28.9
1-1	si	13	Tz	-19.9	-0.5	0.0	19.9
1-1	si	5	Ty	-8.3	0.0	-0.9	8.5
12-11	si	13	Si	-28.9	-0.4	0.0	28.9

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-11		721.1	0.0	0.0	-651.5	0.0	5.0
1-1		937.5	0.0	0.0	-271.7	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-31.1	0.0	0.0	31.1
1-1	si	13	Tz	-22.8	-0.2	0.0	22.8
1-1	si	5	Ty	-8.3	0.0	-0.4	8.4
12-11	si	13	Si	-31.1	-0.2	0.0	31.1

PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	769.2	0.0	0.0	-651.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-31.8	0.0	0.0	31.8

PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	721.1	0.0	0.0	-651.2	0.0	-5.0
1-1	937.5	0.0	0.0	-271.3	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-31.1	0.0	0.0	31.1
1-1	si	13	Tz	-22.8	0.2	0.0	22.8
1-1	si	5	Ty	-8.3	0.0	0.4	8.3
12-11	si	13	Si	-31.1	0.2	0.0	31.1

PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	576.9	0.0	0.0	-651.1	0.0	-9.9
1-1	750.0	0.0	0.0	-271.2	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-28.8	0.0	0.0	28.8
1-1	si	13	Tz	-19.9	0.5	0.0	19.9
1-1	si	5	Ty	-8.3	0.0	0.9	8.4
12-11	si	13	Si	-28.8	0.4	0.0	28.9

PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	336.5	0.0	0.0	-650.9	0.0	-14.9
1-1	437.5	0.0	0.0	-271.0	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-25.1	0.0	0.0	25.1
1-1	si	13	Tz	-15.0	0.7	0.0	15.1
1-1	si	5	Ty	-8.3	0.0	1.3	8.6
12-11	si	13	Si	-25.1	0.5	0.0	25.2

PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	-650.8	0.0	-19.9
1-1	0.0	0.0	0.0	-270.8	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	3	Sx	-19.9	0.0	0.0	19.9
1-1	si	13	Tz	-8.3	0.9	0.0	8.5
1-1	si	5	Ty	-8.3	0.0	1.7	8.8
12-11	si	5	Si	-19.9	0.0	1.3	20.1

VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso12-11 - Nodo 1 - Asse Z  
 Ned = -651.8 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -34.1 ( 0.010)

CASSONE\_s002 ( 2 ) stato limite ultimo - ASTA ( 129- 131) 303  
 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	-898.2	0.0	19.9
8-2	0.0	0.0	0.0	-213.1	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-27.5	0.0	0.0	27.5
8-2	si	13	Tz	-6.5	-0.9	0.0	6.7
8-2	si	5	Ty	-6.5	0.0	-1.7	7.2
12-11	si	5	Si	-27.5	0.0	-1.3	27.6

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	336.5	0.0	0.0	-898.1	0.0	14.9
8-2	437.5	0.0	0.0	-212.9	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-32.7	0.0	0.0	32.7
8-2	si	13	Tz	-13.3	-0.7	0.0	13.3
8-2	si	5	Ty	-6.5	0.0	-1.3	6.9
12-11	si	15	Si	-32.7	0.5	0.0	32.7

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	576.9	0.0	0.0	-898.0	0.0	9.9
8-2	750.0	0.0	0.0	-212.8	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-36.4	0.0	0.0	36.4

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

8- 2	si	13	Tz	-18.1	-0.5	0.0	18.1
8- 2	si	5	Ty	-6.5	0.0	-0.9	6.7
12-11	si	15	Si	-36.4	0.4	0.0	36.4

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	721.1	0.0	0.0	-897.8	0.0	5.0
8- 2	937.5	0.0	0.0	-212.6	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-38.6	0.0	0.0	38.6
8- 2	si	13	Tz	-21.0	-0.2	0.0	21.0
8- 2	si	5	Ty	-6.5	0.0	-0.4	6.6
12-11	si	15	Si	-38.6	0.2	0.0	38.6

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	769.2	0.0	0.0	-897.7	0.0	0.0
11-15	769.2	0.0	0.0	-709.8	0.0	0.0
6- 1	1000.0	0.0	0.0	-470.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-39.4	0.0	0.0	39.4
11-15	si	7	Tz	-33.6	0.0	0.0	33.6
6- 1	si	5	Ty	-14.4	0.0	0.0	14.4

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	721.1	0.0	0.0	-897.6	0.0	-5.0
6- 1	937.5	0.0	0.0	-469.8	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-38.6	0.0	0.0	38.6
6- 1	si	14	Tz	0.1	-0.2	0.0	0.4
6- 1	si	5	Ty	-14.4	0.0	0.4	14.4
12-11	si	15	Si	-38.6	-0.2	0.0	38.6

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	576.9	0.0	0.0	-897.5	0.0	-9.9
6- 1	750.0	0.0	0.0	-469.6	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-36.4	0.0	0.0	36.4
6- 1	si	14	Tz	-2.8	-0.5	0.0	2.9
6- 1	si	5	Ty	-14.4	0.0	0.9	14.5
12-11	si	15	Si	-36.4	-0.4	0.0	36.4

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	336.5	0.0	0.0	-897.3	0.0	-14.9
6- 1	437.5	0.0	0.0	-469.5	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-32.7	0.0	0.0	32.7
6- 1	si	13	Tz	-21.1	0.7	0.0	21.2
6- 1	si	5	Ty	-14.4	0.0	1.3	14.6
12-11	si	15	Si	-32.7	-0.5	0.0	32.7

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	-897.2	0.0	-19.9
6- 1	0.0	0.0	0.0	-469.3	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	3	Sx	-27.5	0.0	0.0	27.5
6- 1	si	13	Tz	-14.4	0.9	0.0	14.5
6- 1	si	5	Ty	-14.4	0.0	1.7	14.7
12-11	si	6	Si	-27.5	0.0	1.3	27.6

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 12-11 - Nodo 2 - Asse Z  
 Ned = -898.2 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -43.1 ( 0.013)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 131- 130) 304  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	-1171.0	0.0	19.9
8- 2	0.0	0.0	0.0	-225.0	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-35.9	0.0	0.0	35.9
8- 2	si	13	Tz	-6.9	-0.9	0.0	7.1
8- 2	si	5	Ty	-6.9	0.0	-1.7	7.5
12-11	si	5	Si	-35.9	0.0	-1.3	36.0

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	336.5	0.0	0.0	-1170.9	0.0	14.9
8- 2	437.5	0.0	0.0	-224.8	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	-41.1	0.0	0.0	41.1
8- 2	si	13	Tz	-13.6	-0.7	0.0	13.7

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

8- 2	si	5	Ty	-6.9	0.0	-1.3	7.3
12-11	si	13	Si	-41.1	-0.5	0.0	41.1

----- PROGR. 39.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-11		576.9		0.0		0.0		-1170.8		0.0		9.9
8- 2		750.0		0.0		0.0		-224.7		0.0		12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-11	si	2	Sx	-44.8		0.0		0.0		44.8
8- 2	si	13	Tz	-18.4		-0.5		0.0		18.5
8- 2	si	5	Ty	-6.9		0.0		-0.9		7.0
12-11	si	15	Si	-44.8		0.4		0.0		44.8

----- PROGR. 58.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-11		721.1		0.0		0.0		-1170.6		0.0		5.0
8- 2		937.5		0.0		0.0		-224.5		0.0		6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-11	si	2	Sx	-47.0		0.0		0.0		47.0
8- 2	si	13	Tz	-21.3		-0.2		0.0		21.3
8- 2	si	5	Ty	-6.9		0.0		-0.4		6.9
12-11	si	15	Si	-47.0		0.2		0.0		47.0

----- PROGR. 77.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-11		769.2		0.0		0.0		-1170.5		0.0		0.0
11- 7		769.2		0.0		0.0		201.4		0.0		0.0
6- 1		1000.0		0.0		0.0		-480.4		0.0		0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-11	si	2	Sx	-47.7		0.0		0.0		47.7
11- 7	si	13	Tz	-5.7		0.0		0.0		5.7
6- 1	si	5	Ty	-14.7		0.0		0.0		14.7

----- PROGR. 97.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-11		721.1		0.0		0.0		-1170.4		0.0		-5.0
6- 1		937.5		0.0		0.0		-480.2		0.0		-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-11	si	2	Sx	-47.0		0.0		0.0		47.0
6- 1	si	13	Tz	-29.2		0.2		0.0		29.2
6- 1	si	5	Ty	-14.7		0.0		0.4		14.7
12-11	si	15	Si	-47.0		-0.2		0.0		47.0

----- PROGR. 116.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-11		576.9		0.0		0.0		-1170.3		0.0		-9.9
6- 1		750.0		0.0		0.0		-480.0		0.0		-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-11	si	2	Sx	-44.8		0.0		0.0		44.8
6- 1	si	13	Tz	-26.3		0.5		0.0		26.3
6- 1	si	5	Ty	-14.7		0.0		0.9		14.8
12-11	si	15	Si	-44.8		-0.4		0.0		44.8

----- PROGR. 136.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-11		336.5		0.0		0.0		-1170.1		0.0		-14.9
6- 1		437.5		0.0		0.0		-479.9		0.0		-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-11	si	2	Sx	-41.0		0.0		0.0		41.0
6- 1	si	13	Tz	-21.4		0.7		0.0		21.5
6- 1	si	5	Ty	-14.7		0.0		1.3		14.9
12-11	si	15	Si	-41.0		-0.5		0.0		41.1

----- PROGR. 155.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-11		0.0		0.0		0.0		-1170.0		0.0		-19.9
6- 1		0.0		0.0		0.0		-479.7		0.0		-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-11	si	3	Sx	-35.8		0.0		0.0		35.8
6- 1	si	13	Tz	-14.7		0.9		0.0		14.8
6- 1	si	5	Ty	-14.7		0.0		1.7		15.0
12-11	si	6	Si	-35.8		0.0		1.3		35.9

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso12-11 - Nodo 2 - Asse Z  
 Ned = -1171.0 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -53.1 ( 0.016)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 130- 119) 305  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-11		0.0		0.0		0.0		-1120.5		0.0		19.9
1- 1		0.0		0.0		0.0		-307.0		0.0		25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-11	si	1	Sx	-34.3		0.0		0.0		34.3
1- 1	si	13	Tz	-9.4		-0.9		0.0		9.5
1- 1	si	5	Ty	-9.4		0.0		-1.7		9.9

11-11	si	5	Si	-34.3	0.0	-1.3	34.4		
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19.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-11	336.5	0.0	0.0	-1120.3	0.0	14.9
1-1	437.5	0.0	0.0	-306.8	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	1	Sx	-39.5	0.0	0.0	39.5
1-1	si	13	Tz	-16.1	-0.7	0.0	16.2
1-1	si	5	Ty	-9.4	0.0	-1.3	9.7
11-11	si	13	Si	-39.5	-0.5	0.0	39.5

39.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-11	576.9	0.0	0.0	-1120.2	0.0	9.9
1-1	750.0	0.0	0.0	-306.7	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	1	Sx	-43.2	0.0	0.0	43.2
1-1	si	13	Tz	-21.0	-0.5	0.0	21.0
1-1	si	5	Ty	-9.4	0.0	-0.9	9.5
11-11	si	13	Si	-43.2	-0.4	0.0	43.2

58.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-11	721.1	0.0	0.0	-1120.1	0.0	5.0
1-1	937.5	0.0	0.0	-306.5	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	1	Sx	-45.4	0.0	0.0	45.4
1-1	si	13	Tz	-23.8	-0.2	0.0	23.9
1-1	si	5	Ty	-9.4	0.0	-0.4	9.4
11-11	si	13	Si	-45.4	-0.2	0.0	45.4

78.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-11	769.2	0.0	0.0	-1120.0	0.0	0.0
1-1	937.5	0.0	0.0	-306.2	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	1	Sx	-45.4	0.0	0.0	45.4
1-1	si	13	Tz	-23.8	0.2	0.0	23.8
1-1	si	5	Ty	-9.4	0.0	0.4	9.4
11-11	si	13	Si	-45.4	0.2	0.0	45.4

116.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-11	576.9	0.0	0.0	-1119.7	0.0	-9.9
1-1	750.0	0.0	0.0	-306.0	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	1	Sx	-43.2	0.0	0.0	43.2
1-1	si	13	Tz	-20.9	0.5	0.0	21.0
1-1	si	5	Ty	-9.4	0.0	0.9	9.5
11-11	si	13	Si	-43.2	0.4	0.0	43.2

136.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-11	336.5	0.0	0.0	-1119.6	0.0	-14.9
1-1	437.5	0.0	0.0	-305.9	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	1	Sx	-39.5	0.0	0.0	39.5
1-1	si	13	Tz	-16.1	0.7	0.0	16.2
1-1	si	5	Ty	-9.4	0.0	1.3	9.6
11-11	si	13	Si	-39.5	0.5	0.0	39.5

155.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-11	0.0	0.0	0.0	-1119.4	0.0	-19.9
1-1	0.0	0.0	0.0	-305.7	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	1	Sx	-34.3	0.0	0.0	34.3
1-1	si	13	Tz	-9.4	0.9	0.0	9.5
1-1	si	5	Ty	-9.4	0.0	1.7	9.8
11-11	si	5	Si	-34.3	0.0	1.3	34.4

155.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-5029.8	0.0	19.9

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-5029.8	0.0	19.9

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-11 - Nodo 1 - Asse Z  
 Ned = -1120.5 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -51.3 ( 0.015)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 153- 147) 318  
 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-5029.8	0.0	19.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

8- 2		0.0	0.0	0.0	-106.8	0.0	25.8
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TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-154.1	0.0	0.0	154.1
8- 2	si	13	Tz	-3.3	-0.9	0.0	3.7
8- 2	si	5	Ty	-3.3	0.0	-1.7	4.5
11-12	si	5	Si	-154.1	0.0	-1.3	154.1

----- PROGR. 19.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		336.5	0.0	0.0	-5029.6	0.0	14.9
8- 2		437.5	0.0	0.0	-106.6	0.0	19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-159.3	0.0	0.0	159.3
8- 2	si	13	Tz	-10.0	-0.7	0.0	10.1
8- 2	si	5	Ty	-3.3	0.0	-1.3	4.0
11-12	si	15	Si	-159.3	0.5	0.0	159.3

----- PROGR. 39.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		576.9	0.0	0.0	-5029.5	0.0	9.9
8- 2		750.0	0.0	0.0	-106.5	0.0	12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-163.0	0.0	0.0	163.0
8- 2	si	13	Tz	-14.8	-0.5	0.0	14.9
8- 2	si	5	Ty	-3.3	0.0	-0.9	3.6
11-12	si	15	Si	-163.0	0.4	0.0	163.0

----- PROGR. 58.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		721.1	0.0	0.0	-5029.4	0.0	5.0
8- 2		937.5	0.0	0.0	-106.3	0.0	6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-165.2	0.0	0.0	165.2
8- 2	si	13	Tz	-17.7	-0.2	0.0	17.7
8- 2	si	5	Ty	-3.3	0.0	-0.4	3.3
11-12	si	15	Si	-165.2	0.2	0.0	165.2

----- PROGR. 78.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		769.2	0.0	0.0	-5029.3	0.0	0.0
6- 1		1000.0	0.0	0.0	-349.0	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-165.9	0.0	0.0	165.9
11-12	si	7	Tz	-165.9	0.0	0.0	165.9
6- 1	si	5	Ty	-10.7	0.0	0.0	10.7

----- PROGR. 97.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		721.1	0.0	0.0	-5029.1	0.0	-5.0
6- 1		937.5	0.0	0.0	-348.9	0.0	-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-165.2	0.0	0.0	165.2
6- 1	si	14	Tz	3.8	-0.2	0.0	3.8
6- 1	si	5	Ty	-10.7	0.0	0.4	10.7
11-12	si	15	Si	-165.2	-0.2	0.0	165.2

----- PROGR. 116.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		576.9	0.0	0.0	-5029.0	0.0	-9.9
6- 1		750.0	0.0	0.0	-348.7	0.0	-12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-163.0	0.0	0.0	163.0
6- 1	si	14	Tz	0.9	-0.5	0.0	1.2
6- 1	si	5	Ty	-10.7	0.0	0.9	10.8
11-12	si	15	Si	-163.0	-0.4	0.0	163.0

----- PROGR. 136.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		336.5	0.0	0.0	-5028.9	0.0	-14.9
6- 1		437.5	0.0	0.0	-348.5	0.0	-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-159.3	0.0	0.0	159.3
6- 1	si	14	Tz	-3.9	-0.7	0.0	4.1
6- 1	si	5	Ty	-10.7	0.0	1.3	10.9
11-12	si	15	Si	-159.3	-0.5	0.0	159.3

----- PROGR. 155.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-12		0.0	0.0	0.0	-5028.8	0.0	-19.9
6- 1		0.0	0.0	0.0	-348.4	0.0	-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-154.1	0.0	0.0	154.1
6- 1	si	14	Tz	-10.7	-0.9	0.0	10.8
6- 1	si	5	Ty	-10.7	0.0	1.7	11.1
11-12	si	6	Si	-154.1	0.0	1.3	154.1

----- PROGR. 155.

VERIFICA STABILITA` :

L0 = 155.
Z   Lc = 155.   Ro = 2.82   lm = 55.0   Ncr = 223764.3   alfa(a) = 0.2100   ki = 0.8383

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Y |Lc = 155.0|Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
 Caso11-12 - Nodo 2 - Asse Z  
 Ned = -5029.8|Mzeq = 666.7|Myeq = 0.0|Ss = -194.3 ( 0.057)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 147- 141) 319  
 ----- PROGR. 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-6814.0	0.0	19.9
6- 1	0.0	0.0	0.0	-317.9	0.0	25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-208.8	0.0	0.0	208.8
6- 1	si	14	Tz	-9.7	0.9	0.0	9.9
6- 1	si	5	Ty	-9.7	0.0	-1.7	10.2
11-12	si	5	Si	-208.8	0.0	-1.3	208.8

 ----- PROGR. 19.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-6813.8	0.0	14.9
6- 1	437.5	0.0	0.0	-317.7	0.0	19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-213.9	0.0	0.0	213.9
6- 1	si	14	Tz	-3.0	0.7	0.0	3.2
6- 1	si	5	Ty	-9.7	0.0	-1.3	10.0
11-12	si	13	Si	-213.9	-0.5	0.0	213.9

 ----- PROGR. 39.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-6813.7	0.0	9.9
6- 1	750.0	0.0	0.0	-317.6	0.0	12.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-217.6	0.0	0.0	217.6
6- 1	si	14	Tz	1.8	0.5	0.0	2.0
6- 1	si	5	Ty	-9.7	0.0	-0.9	9.8
11-12	si	13	Si	-217.6	-0.4	0.0	217.7

 ----- PROGR. 58.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-6813.6	0.0	5.0
6- 1	937.5	0.0	0.0	-317.4	0.0	6.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-219.9	0.0	0.0	219.9
6- 1	si	14	Tz	4.7	0.2	0.0	4.8
6- 1	si	5	Ty	-9.7	0.0	-0.4	9.8
11-12	si	13	Si	-219.9	-0.2	0.0	219.9

 ----- PROGR. 78.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	769.2	0.0	0.0	-6813.4	0.0	0.0
6- 1	1000.0	0.0	0.0	-317.2	0.0	0.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-220.6	0.0	0.0	220.6
11-12	si	7	Tz	-220.6	0.0	0.0	220.6
6- 1	si	5	Ty	-9.7	0.0	0.0	9.7

 ----- PROGR. 97.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	721.1	0.0	0.0	-6813.3	0.0	-5.0
8- 2	937.5	0.0	0.0	-89.1	0.0	-6.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-219.9	0.0	0.0	219.9
8- 2	si	13	Tz	-17.2	0.2	0.0	17.2
8- 2	si	5	Ty	-2.7	0.0	0.4	2.8
11-12	si	13	Si	-219.9	0.2	0.0	219.9

 ----- PROGR. 116.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	576.9	0.0	0.0	-6813.2	0.0	-9.9
8- 2	750.0	0.0	0.0	-88.9	0.0	-12.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-217.6	0.0	0.0	217.6
8- 2	si	13	Tz	-14.3	0.5	0.0	14.3
8- 2	si	5	Ty	-2.7	0.0	0.9	3.1
11-12	si	13	Si	-217.6	0.4	0.0	217.6

 ----- PROGR. 136.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	336.5	0.0	0.0	-6813.1	0.0	-14.9
8- 2	437.5	0.0	0.0	-88.7	0.0	-19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-213.9	0.0	0.0	213.9
8- 2	si	13	Tz	-9.5	0.7	0.0	9.5
8- 2	si	5	Ty	-2.7	0.0	1.3	3.5
11-12	si	13	Si	-213.9	0.5	0.0	213.9

 ----- PROGR. 155.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-6812.9	0.0	-19.9
8- 2	0.0	0.0	0.0	-88.6	0.0	-25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-208.7	0.0	0.0	208.7

8-2	si	13	Tz	-2.7	0.9	0.0	3.2
8-2	si	5	Ty	-2.7	0.0	1.7	4.1
11-12	si	5	Si	-208.7	0.0	1.3	208.7

-----  
 VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-12 - Nodo 1 - Asse Z  
 Ned = -6814.0 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -259.6 ( 0.077 )

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	0.0	0.0	0.0	-1103.9	0.0	18.8
8-2	0.0	0.0	0.0	-119.7	0.0	24.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-33.8	0.0	0.0	33.8
8-2	si	13	Tz	-3.7	-0.9	0.0	4.0
8-2	si	5	Ty	-3.7	0.0	-1.7	4.7
12-1	si	5	Si	-33.8	0.0	-1.3	33.9

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	303.4	0.0	0.0	-1104.0	0.0	14.1
8-2	394.4	0.0	0.0	-119.9	0.0	18.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-38.5	0.0	0.0	38.5
8-2	si	13	Tz	-9.8	-0.7	0.0	9.8
8-2	si	5	Ty	-3.7	0.0	-1.2	4.3
12-1	si	13	Si	-38.5	-0.5	0.0	38.5

----- PROGR. 37.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	520.1	0.0	0.0	-1104.1	0.0	9.4
8-2	676.1	0.0	0.0	-120.0	0.0	12.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-41.8	0.0	0.0	41.8
8-2	si	13	Tz	-14.1	-0.4	0.0	14.1
8-2	si	5	Ty	-3.7	0.0	-0.8	3.9
12-1	si	13	Si	-41.8	-0.3	0.0	41.9

----- PROGR. 55.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	650.1	0.0	0.0	-1104.1	0.0	4.7
8-2	845.2	0.0	0.0	-120.1	0.0	6.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-43.9	0.0	0.0	43.9
8-2	si	13	Tz	-16.7	-0.2	0.0	16.7
8-2	si	5	Ty	-3.7	0.0	-0.4	3.7
12-1	si	13	Si	-43.9	-0.2	0.0	43.9

----- PROGR. 74.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	693.5	0.0	0.0	-1104.2	0.0	0.0
11-15	693.5	0.0	0.0	703.1	0.0	0.0
6-1	901.5	0.0	0.0	-121.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-44.5	0.0	0.0	44.5
11-15	si	14	Tz	32.2	0.0	0.0	32.2
6-1	si	5	Ty	-3.7	0.0	0.0	3.7

----- PROGR. 92.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	650.1	0.0	0.0	-1104.3	0.0	-4.7
6-1	845.2	0.0	0.0	-121.3	0.0	-6.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-43.9	0.0	0.0	43.9
6-1	si	14	Tz	9.3	-0.2	0.0	9.3
6-1	si	5	Ty	-3.7	0.0	0.4	3.8
12-1	si	13	Si	-43.9	0.2	0.0	43.9

----- PROGR. 110.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	520.1	0.0	0.0	-1104.4	0.0	-9.4
6-1	676.1	0.0	0.0	-121.4	0.0	-12.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-41.9	0.0	0.0	41.9
6-1	si	14	Tz	6.7	-0.4	0.0	6.8
6-1	si	5	Ty	-3.7	0.0	0.8	4.0
12-1	si	13	Si	-41.9	0.3	0.0	41.9

----- PROGR. 129.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-1	303.4	0.0	0.0	-1104.5	0.0	-14.1
6-1	394.4	0.0	0.0	-121.5	0.0	-18.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-38.5	0.0	0.0	38.5
6-1	si	14	Tz	2.4	-0.7	0.0	2.6



6-1	si	5	Ty	-3.7	0.0	1.2	4.3
12-1	si	13	Si	-38.5	0.5	0.0	38.5

----- PROGR. 147.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12-1		0.0		0.0		0.0		-1104.6		0.0		-18.8
6-1		0.0		0.0		0.0		-121.7		0.0		-24.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12-1	si	4	Sx	-33.8		0.0		0.0		33.8
6-1	si	14	Tz	-3.7		-0.9		0.0		4.0
6-1	si	5	Ty	-3.7		0.0		1.7		4.7
12-1	si	5	Si	-33.8		0.0		1.3		33.9

-----  
VERIFICA STABILITA` :

L0 = 147.  
 Z Lc = 147. | Ro = 2.82 | lm = 52.2 | Ncr = 248236.2 | alfa(a) = 0.2100 | ki = 0.8555 |  
 Y Lc = 147. | Ro = 2.82 | lm = 52.2 | Ncr = 248236.2 | alfa(a) = 0.2100 | ki = 0.8555 |  
 Caso12-1 - Nodo 1 - Asse Z  
 Ned = -1104.6 | Mzeq = 601.0 | Myeq = 0.0 | Ss = -48.9 ( 0.014)

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----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-2		0.0		0.0		0.0		6591.6		0.0		19.9
6-1		0.0		0.0		0.0		120.5		0.0		25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-2	si	1	Sx	201.9		0.0		0.0		201.9
6-1	si	14	Tz	3.7		0.9		0.0		4.0
6-1	si	5	Ty	3.7		0.0		-1.7		4.8
11-2	si	5	Si	201.9		0.0		-1.3		202.0

----- PROGR. 19.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-2		336.6		0.0		0.0		6591.5		0.0		14.9
6-1		437.6		0.0		0.0		120.3		0.0		19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-2	si	4	Sx	207.1		0.0		0.0		207.1
6-1	si	14	Tz	10.4		0.7		0.0		10.5
6-1	si	5	Ty	3.7		0.0		-1.3		4.3
11-2	si	14	Si	207.1		0.5		0.0		207.1

----- PROGR. 39.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-2		577.0		0.0		0.0		6591.4		0.0		9.9
6-1		750.1		0.0		0.0		120.2		0.0		12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-2	si	4	Sx	210.8		0.0		0.0		210.8
6-1	si	14	Tz	15.3		0.5		0.0		15.3
6-1	si	5	Ty	3.7		0.0		-0.9		4.0
11-2	si	14	Si	210.8		0.4		0.0		210.8

----- PROGR. 58.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-2		721.2		0.0		0.0		6591.3		0.0		5.0
6-1		937.6		0.0		0.0		120.1		0.0		6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-2	si	4	Sx	213.1		0.0		0.0		213.1
6-1	si	14	Tz	18.1		0.2		0.0		18.1
6-1	si	5	Ty	3.7		0.0		-0.4		3.8
11-2	si	14	Si	213.1		0.2		0.0		213.1

----- PROGR. 77.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-2		769.3		0.0		0.0		6591.2		0.0		0.0
11-15		769.3		0.0		0.0		-6519.3		0.0		0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-2	si	4	Sx	213.8		0.0		0.0		213.8
11-15	si	7	Tz	-211.6		0.0		0.0		211.6
11-2	si	9	Ty	193.6		0.0		0.0		193.6

----- PROGR. 97.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-2		721.2		0.0		0.0		6591.1		0.0		-5.0
8-2		937.6		0.0		0.0		136.3		0.0		-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-2	si	4	Sx	213.1		0.0		0.0		213.1
8-2	si	13	Tz	-10.3		0.2		0.0		10.3
8-2	si	5	Ty	4.2		0.0		0.4		4.2
11-2	si	14	Si	213.1		-0.2		0.0		213.1

----- PROGR. 116.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
11-2		577.0		0.0		0.0		6591.0		0.0		-9.9
8-2		750.1		0.0		0.0		136.2		0.0		-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
11-2	si	4	Sx	210.8		0.0		0.0		210.8
8-2	si	13	Tz	-7.4		0.5		0.0		7.4
8-2	si	5	Ty	4.2		0.0		0.9		4.4
11-2	si	14	Si	210.8		-0.4		0.0		210.8

----- PROGR. 136.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 2		336.6	0.0	0.0	6590.9	0.0	-14.9
8- 2		437.6	0.0	0.0	136.1	0.0	-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	4	Sx	207.1	0.0	0.0	207.1
8- 2	si	13	Tz	-2.6	0.7	0.0	2.9
8- 2	si	5	Ty	4.2	0.0	1.3	4.7
11- 2	si	14	Si	207.1	-0.5	0.0	207.1

----- PROGR. 155.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 2		0.0	0.0	0.0	6590.8	0.0	-19.9
8- 2		0.0	0.0	0.0	135.9	0.0	-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	4	Sx	201.9	0.0	0.0	201.9
8- 2	si	13	Tz	4.2	0.9	0.0	4.5
8- 2	si	5	Ty	4.2	0.0	1.7	5.1
11- 2	si	5	Si	201.9	0.0	1.3	201.9

----- VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso11-15 - Nodo 1 - Asse Z  
 Ned = -6519.7 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -248.9 ( 0.074)

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 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-13		0.0	0.0	0.0	-1250.7	0.0	19.9
8- 2		0.0	0.0	0.0	-178.1	0.0	25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-38.3	0.0	0.0	38.3
8- 2	si	14	Tz	-5.5	0.9	0.0	5.7
8- 2	si	5	Ty	-5.5	0.0	-1.7	6.2
11-13	si	5	Si	-38.3	0.0	-1.3	38.4

----- PROGR. 19.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-13		336.6	0.0	0.0	-1250.8	0.0	14.9
8- 2		437.6	0.0	0.0	-178.3	0.0	19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-43.5	0.0	0.0	43.5
8- 2	si	14	Tz	1.3	0.7	0.0	1.8
8- 2	si	5	Ty	-5.5	0.0	-1.3	5.9
11-13	si	13	Si	-43.5	-0.5	0.0	43.5

----- PROGR. 39.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-13		577.0	0.0	0.0	-1250.9	0.0	9.9
8- 2		750.1	0.0	0.0	-178.4	0.0	12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-47.2	0.0	0.0	47.2
8- 2	si	14	Tz	6.1	0.5	0.0	6.2
8- 2	si	5	Ty	-5.5	0.0	-0.9	5.7
11-13	si	13	Si	-47.2	-0.4	0.0	47.2

----- PROGR. 58.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-13		721.2	0.0	0.0	-1251.0	0.0	5.0
8- 2		937.6	0.0	0.0	-178.5	0.0	6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-49.4	0.0	0.0	49.4
8- 2	si	14	Tz	9.0	0.2	0.0	9.0
8- 2	si	5	Ty	-5.5	0.0	-0.4	5.5
11-13	si	13	Si	-49.4	-0.2	0.0	49.5

----- PROGR. 77.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-13		769.3	0.0	0.0	-1251.1	0.0	0.0
11-12		769.3	0.0	0.0	-580.9	0.0	0.0
6- 1		1000.1	0.0	0.0	-323.2	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-50.2	0.0	0.0	50.2
11-12	si	7	Tz	-29.7	0.0	0.0	29.7
6- 1	si	5	Ty	-9.9	0.0	0.0	9.9

----- PROGR. 97.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11-13		721.2	0.0	0.0	-1251.2	0.0	-5.0
6- 1		937.6	0.0	0.0	-323.3	0.0	-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-49.5	0.0	0.0	49.5
6- 1	si	13	Tz	-24.4	0.2	0.0	24.4
6- 1	si	5	Ty	-9.9	0.0	0.4	9.9
11-13	si	13	Si	-49.5	0.2	0.0	49.5

----- PROGR. 116.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-13	577.0	0.0	0.0	-1251.3	0.0	-9.9	
6- 1	750.1	0.0	0.0	-323.5	0.0	-12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-47.2	0.0	0.0	47.2
6- 1	si	13	Tz	-21.5	0.5	0.0	21.5
6- 1	si	5	Ty	-9.9	0.0	0.9	10.0
11-13	si	13	Si	-47.2	0.4	0.0	47.2

----- PROGR. 136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-13	336.6	0.0	0.0	-1251.4	0.0	-14.9	
6- 1	437.6	0.0	0.0	-323.6	0.0	-19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-43.5	0.0	0.0	43.5
6- 1	si	13	Tz	-16.7	0.7	0.0	16.7
6- 1	si	5	Ty	-9.9	0.0	1.3	10.2
11-13	si	13	Si	-43.5	0.5	0.0	43.5

----- PROGR. 155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-13	0.0	0.0	0.0	-1251.5	0.0	-19.9	
6- 1	0.0	0.0	0.0	-323.7	0.0	-25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	4	Sx	-38.3	0.0	0.0	38.3
6- 1	si	13	Tz	-9.9	0.9	0.0	10.1
6- 1	si	5	Ty	-9.9	0.0	1.7	10.4
11-13	si	5	Si	-38.3	0.0	1.3	38.4

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-13 - Nodo 1 - Asse Z  
 Ned = -1251.5 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -56.1 ( 0.017 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 184- 176 ) 350  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	0.0	0.0	0.0	-4081.7	0.0	19.9	
1- 1	0.0	0.0	0.0	-25.2	0.0	25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-125.1	0.0	0.0	125.1
1- 1	si	13	Tz	-0.8	-0.9	0.0	1.8
1- 1	si	5	Ty	-0.8	0.0	-1.7	3.1
11-10	si	5	Si	-125.1	0.0	-1.3	125.1

----- PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	336.6	0.0	0.0	-4081.8	0.0	14.9	
1- 1	437.6	0.0	0.0	-25.4	0.0	19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-130.2	0.0	0.0	130.2
1- 1	si	13	Tz	-7.5	-0.7	0.0	7.6
1- 1	si	5	Ty	-0.8	0.0	-1.3	2.4
11-10	si	13	Si	-130.2	-0.5	0.0	130.2

----- PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	577.0	0.0	0.0	-4081.9	0.0	9.9	
1- 1	750.1	0.0	0.0	-25.5	0.0	12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-134.0	0.0	0.0	134.0
1- 1	si	13	Tz	-12.3	-0.5	0.0	12.4
1- 1	si	5	Ty	-0.8	0.0	-0.9	1.7
11-10	si	13	Si	-134.0	-0.4	0.0	134.0

----- PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	721.2	0.0	0.0	-4082.0	0.0	5.0	
1- 1	937.6	0.0	0.0	-25.6	0.0	6.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-136.2	0.0	0.0	136.2
1- 1	si	13	Tz	-15.2	-0.2	0.0	15.2
1- 1	si	5	Ty	-0.8	0.0	-0.4	1.1
11-10	si	13	Si	-136.2	-0.2	0.0	136.2

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	769.3	0.0	0.0	-4082.1	0.0	0.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-136.9	0.0	0.0	136.9

----- PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	721.2	0.0	0.0	-4082.2	0.0	-5.0	
1- 1	937.6	0.0	0.0	-25.9	0.0	-6.5	

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-136.2	0.0	0.0	136.2
1-1	si	13	Tz	-15.3	0.2	0.0	15.3
1-1	si	5	Ty	-0.8	0.0	0.4	1.1
11-10	si	13	Si	-136.2	0.2	0.0	136.2

PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-4082.3	0.0	-9.9
1-1	750.1	0.0	0.0	-26.0	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-134.0	0.0	0.0	134.0
1-1	si	13	Tz	-12.4	0.5	0.0	12.4
1-1	si	5	Ty	-0.8	0.0	0.9	1.7
11-10	si	13	Si	-134.0	0.4	0.0	134.0

PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-4082.4	0.0	-14.9
1-1	437.6	0.0	0.0	-26.1	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-130.3	0.0	0.0	130.3
1-1	si	13	Tz	-7.5	0.7	0.0	7.6
1-1	si	5	Ty	-0.8	0.0	1.3	2.4
11-10	si	13	Si	-130.3	0.5	0.0	130.3

PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-4082.5	0.0	-19.9
1-1	0.0	0.0	0.0	-26.3	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-125.1	0.0	0.0	125.1
1-1	si	13	Tz	-0.8	0.9	0.0	1.8
1-1	si	5	Ty	-0.8	0.0	1.7	3.1
11-10	si	5	Si	-125.1	0.0	1.3	125.1

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-10 - Nodo 1 - Asse Z  
 Ned = -4082.5 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -159.7 ( 0.047 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 191- 180 ) 357  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	0.0	0.0	0.0	-1325.2	0.0	19.9
1-1	0.0	0.0	0.0	-256.9	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-40.6	0.0	0.0	40.6
1-1	si	13	Tz	-7.9	-0.9	0.0	8.0
1-1	si	5	Ty	-7.9	0.0	-1.7	8.4
11-1	si	5	Si	-40.6	0.0	-1.3	40.7

PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	336.6	0.0	0.0	-1325.3	0.0	14.9
1-1	437.6	0.0	0.0	-257.0	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-45.8	0.0	0.0	45.8
1-1	si	13	Tz	-14.6	-0.7	0.0	14.7
1-1	si	5	Ty	-7.9	0.0	-1.3	8.2
11-1	si	13	Si	-45.8	-0.5	0.0	45.8

PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	577.0	0.0	0.0	-1325.4	0.0	9.9
1-1	750.1	0.0	0.0	-257.2	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-49.5	0.0	0.0	49.5
1-1	si	13	Tz	-19.4	-0.5	0.0	19.5
1-1	si	5	Ty	-7.9	0.0	-0.9	8.0
11-1	si	13	Si	-49.5	-0.4	0.0	49.5

PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	721.2	0.0	0.0	-1325.5	0.0	5.0
1-1	937.6	0.0	0.0	-257.3	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-51.7	0.0	0.0	51.7
1-1	si	13	Tz	-22.3	-0.2	0.0	22.3
1-1	si	5	Ty	-7.9	0.0	-0.4	7.9
11-1	si	13	Si	-51.7	-0.2	0.0	51.7

PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	769.3	0.0	0.0	-1325.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-52.5	0.0	0.0	52.5

----- PROGR. 97.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 1		721.2	0.0	0.0	-1325.7	0.0	-5.0
1- 1		937.6	0.0	0.0	-257.5	0.0	-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-51.7	0.0	0.0	51.7
1- 1	si	13	Tz	-22.3	0.2	0.0	22.4
1- 1	si	5	Ty	-7.9	0.0	0.4	7.9
11- 1	si	13	Si	-51.7	0.2	0.0	51.7

----- PROGR. 116.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 1		577.0	0.0	0.0	-1325.8	0.0	-9.9
1- 1		750.1	0.0	0.0	-257.7	0.0	-12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-49.5	0.0	0.0	49.5
1- 1	si	13	Tz	-19.5	0.5	0.0	19.5
1- 1	si	5	Ty	-7.9	0.0	0.9	8.0
11- 1	si	13	Si	-49.5	0.4	0.0	49.5

----- PROGR. 136.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 1		336.6	0.0	0.0	-1325.9	0.0	-14.9
1- 1		437.6	0.0	0.0	-257.8	0.0	-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-45.8	0.0	0.0	45.8
1- 1	si	13	Tz	-14.6	0.7	0.0	14.7
1- 1	si	5	Ty	-7.9	0.0	1.3	8.2
11- 1	si	13	Si	-45.8	0.5	0.0	45.8

----- PROGR. 155.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 1		0.0	0.0	0.0	-1326.0	0.0	-19.9
1- 1		0.0	0.0	0.0	-257.9	0.0	-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-40.6	0.0	0.0	40.6
1- 1	si	13	Tz	-7.9	0.9	0.0	8.1
1- 1	si	5	Ty	-7.9	0.0	1.7	8.5
11- 1	si	5	Si	-40.6	0.0	1.3	40.7

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso11- 1 - Nodo 1 - Asse Z  
 Ned = -1326.0 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -58.8 ( 0.017)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 159- 158) 374  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 2		0.0	0.0	0.0	-6893.9	0.0	19.9
6- 1		0.0	0.0	0.0	-1022.5	0.0	25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-211.2	0.0	0.0	211.2
6- 1	si	14	Tz	-31.3	0.9	0.0	31.4
6- 1	si	5	Ty	-31.3	0.0	-1.7	31.5
11- 2	si	5	Si	-211.2	0.0	-1.3	211.2

----- PROGR. 19.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 2		336.6	0.0	0.0	-6894.0	0.0	14.9
6- 1		437.6	0.0	0.0	-1022.6	0.0	19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-216.4	0.0	0.0	216.4
6- 1	si	14	Tz	-24.6	0.7	0.0	24.6
6- 1	si	5	Ty	-31.3	0.0	-1.3	31.4
11- 2	si	15	Si	-216.4	0.5	0.0	216.4

----- PROGR. 39.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 2		577.0	0.0	0.0	-6894.1	0.0	9.9
6- 1		750.1	0.0	0.0	-1022.7	0.0	12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-220.1	0.0	0.0	220.1
6- 1	si	14	Tz	-19.8	0.5	0.0	19.8
6- 1	si	5	Ty	-31.3	0.0	-0.9	31.4
11- 2	si	15	Si	-220.1	0.4	0.0	220.1

----- PROGR. 58.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 2		721.2	0.0	0.0	-6894.2	0.0	5.0
6- 1		937.6	0.0	0.0	-1022.9	0.0	6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-222.3	0.0	0.0	222.3
6- 1	si	14	Tz	-16.9	0.2	0.0	16.9
6- 1	si	5	Ty	-31.3	0.0	-0.4	31.3
11- 2	si	15	Si	-222.3	0.2	0.0	222.3

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	769.3	0.0	0.0	-6894.3	0.0	0.0	
11-15	769.3	0.0	0.0	6377.8	0.0	0.0	
6- 1	1000.1	0.0	0.0	-1023.0	0.0	0.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-223.1	0.0	0.0	223.1
11-15	si	7	Tz	183.5	0.0	0.0	183.5
6- 1	si	5	Ty	-31.3	0.0	0.0	31.3

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	721.2	0.0	0.0	-6894.4	0.0	-5.0	
8- 2	937.6	0.0	0.0	-505.8	0.0	-6.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-222.3	0.0	0.0	222.3
8- 2	si	13	Tz	-30.0	0.2	0.0	30.0
8- 2	si	5	Ty	-15.5	0.0	0.4	15.5
11- 2	si	15	Si	-222.3	-0.2	0.0	222.3

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	577.0	0.0	0.0	-6894.5	0.0	-9.9	
8- 2	750.1	0.0	0.0	-505.9	0.0	-12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-220.1	0.0	0.0	220.1
8- 2	si	13	Tz	-27.1	0.5	0.0	27.1
8- 2	si	5	Ty	-15.5	0.0	0.9	15.6
11- 2	si	15	Si	-220.1	-0.4	0.0	220.1

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	336.6	0.0	0.0	-6894.6	0.0	-14.9	
8- 2	437.6	0.0	0.0	-506.0	0.0	-19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-216.4	0.0	0.0	216.4
8- 2	si	13	Tz	-22.3	0.7	0.0	22.3
8- 2	si	5	Ty	-15.5	0.0	1.3	15.7
11- 2	si	15	Si	-216.4	-0.5	0.0	216.4

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	0.0	0.0	0.0	-6894.7	0.0	-19.9	
8- 2	0.0	0.0	0.0	-506.1	0.0	-25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-211.2	0.0	0.0	211.2
8- 2	si	13	Tz	-15.5	0.9	0.0	15.6
8- 2	si	5	Ty	-15.5	0.0	1.7	15.8
11- 2	si	6	Si	-211.2	0.0	1.3	211.2

## VERIFICA STABILITA` :

L0 = 155. |  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso11- 2 - Nodo 2 - Asse Z  
 Ned = -6894.7 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -262.6 ( 0.078 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 166- 162 ) 380  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 4	0.0	0.0	0.0	-691.7	0.0	19.9	
8- 2	0.0	0.0	0.0	-162.6	0.0	25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	1	Sx	-21.2	0.0	0.0	21.2
8- 2	si	14	Tz	-5.0	0.9	0.0	5.2
8- 2	si	5	Ty	-5.0	0.0	-1.7	5.8
12- 4	si	5	Si	-21.2	0.0	-1.3	21.3

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 4	336.6	0.0	0.0	-691.8	0.0	14.9	
8- 2	437.6	0.0	0.0	-162.7	0.0	19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-26.4	0.0	0.0	26.4
8- 2	si	14	Tz	1.8	0.7	0.0	2.1
8- 2	si	5	Ty	-5.0	0.0	-1.3	5.5
12- 4	si	15	Si	-26.4	0.5	0.0	26.4

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 4	577.0	0.0	0.0	-691.9	0.0	9.9	
8- 2	750.1	0.0	0.0	-162.9	0.0	12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-30.1	0.0	0.0	30.1
8- 2	si	14	Tz	6.6	0.5	0.0	6.6
8- 2	si	5	Ty	-5.0	0.0	-0.9	5.2
12- 4	si	15	Si	-30.1	0.4	0.0	30.1

----- PROGR. 58.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
12- 4	721.2	0.0	0.0	-692.0	0.0	5.0
8- 2	937.6	0.0	0.0	-163.0	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-32.3	0.0	0.0	32.3
8- 2	si	14	Tz	9.5	0.2	0.0	9.5
8- 2	si	5	Ty	-5.0	0.0	-0.4	5.1
12- 4	si	15	Si	-32.3	0.2	0.0	32.3

----- PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 4	769.3	0.0	0.0	-692.1	0.0	0.0
11-16	769.3	0.0	0.0	-213.1	0.0	0.0
12-12	769.3	0.0	0.0	303.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-33.1	0.0	0.0	33.1
11-16	si	7	Tz	-18.4	0.0	0.0	18.4
12-12	si	9	Ty	1.0	0.0	0.0	1.0

----- PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 4	721.2	0.0	0.0	-692.2	0.0	-5.0
6- 1	937.6	0.0	0.0	-233.6	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-32.3	0.0	0.0	32.3
6- 1	si	13	Tz	-21.6	0.2	0.0	21.6
6- 1	si	5	Ty	-7.2	0.0	0.4	7.2
12- 4	si	15	Si	-32.3	-0.2	0.0	32.3

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 4	577.0	0.0	0.0	-692.3	0.0	-9.9
6- 1	750.1	0.0	0.0	-233.7	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-30.1	0.0	0.0	30.1
6- 1	si	13	Tz	-18.7	0.5	0.0	18.7
6- 1	si	5	Ty	-7.2	0.0	0.9	7.3
12- 4	si	15	Si	-30.1	-0.4	0.0	30.1

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 4	336.6	0.0	0.0	-692.4	0.0	-14.9
6- 1	437.6	0.0	0.0	-233.8	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-26.4	0.0	0.0	26.4
6- 1	si	13	Tz	-13.9	0.7	0.0	14.0
6- 1	si	5	Ty	-7.2	0.0	1.3	7.5
12- 4	si	15	Si	-26.4	-0.5	0.0	26.4

----- PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 4	0.0	0.0	0.0	-692.5	0.0	-19.9
6- 1	0.0	0.0	0.0	-234.0	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 4	si	2	Sx	-21.2	0.0	0.0	21.2
6- 1	si	13	Tz	-7.2	0.9	0.0	7.4
6- 1	si	5	Ty	-7.2	0.0	1.7	7.8
12- 4	si	6	Si	-21.2	0.0	1.3	21.3

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
 Y |Lc = 155. |Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
 Caso12- 4 - Nodo 2 - Asse Z  
 Ned = -692.5|Mzeq = 666.7|Myeq = 0.0|Ss = -35.6 ( 0.011)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 162- 155) 381  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	0.0	0.0	0.0	-686.6	0.0	19.9
1- 1	0.0	0.0	0.0	-123.4	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-21.0	0.0	0.0	21.0
1- 1	si	13	Tz	-3.8	-0.9	0.0	4.1
1- 1	si	5	Ty	-3.8	0.0	-1.7	4.8
12- 5	si	5	Si	-21.0	0.0	-1.3	21.2

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	336.6	0.0	0.0	-686.7	0.0	14.9
1- 1	437.6	0.0	0.0	-123.6	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-26.2	0.0	0.0	26.2
1- 1	si	13	Tz	-10.5	-0.7	0.0	10.6
1- 1	si	5	Ty	-3.8	0.0	-1.3	4.4
12- 5	si	13	Si	-26.2	-0.5	0.0	26.2

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12- 5	577.0	0.0	0.0	-686.8	0.0	9.9
1- 1	750.1	0.0	0.0	-123.7	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-29.9	0.0	0.0	29.9
1- 1	si	13	Tz	-15.4	-0.5	0.0	15.4
1- 1	si	5	Ty	-3.8	0.0	-0.9	4.1
12- 5	si	13	Si	-29.9	-0.4	0.0	29.9

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	721.2	0.0	0.0	-686.9	0.0	5.0
1- 1	937.6	0.0	0.0	-123.8	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-32.2	0.0	0.0	32.2
1- 1	si	13	Tz	-18.3	-0.2	0.0	18.3
1- 1	si	5	Ty	-3.8	0.0	-0.4	3.9
12- 5	si	13	Si	-32.2	-0.2	0.0	32.2

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	769.3	0.0	0.0	-687.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-32.9	0.0	0.0	32.9

PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	721.2	0.0	0.0	-687.1	0.0	-5.0
1- 1	937.6	0.0	0.0	-124.1	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-32.2	0.0	0.0	32.2
1- 1	si	13	Tz	-18.3	0.2	0.0	18.3
1- 1	si	5	Ty	-3.8	0.0	0.4	3.9
12- 5	si	13	Si	-32.2	0.2	0.0	32.2

PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	577.0	0.0	0.0	-687.2	0.0	-9.9
1- 1	750.1	0.0	0.0	-124.2	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-30.0	0.0	0.0	30.0
1- 1	si	13	Tz	-15.4	0.5	0.0	15.4
1- 1	si	5	Ty	-3.8	0.0	0.9	4.1
12- 5	si	13	Si	-30.0	0.4	0.0	30.0

PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	336.6	0.0	0.0	-687.3	0.0	-14.9
1- 1	437.6	0.0	0.0	-124.3	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-26.2	0.0	0.0	26.2
1- 1	si	13	Tz	-10.6	0.7	0.0	10.6
1- 1	si	5	Ty	-3.8	0.0	1.3	4.4
12- 5	si	13	Si	-26.2	0.5	0.0	26.3

PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	0.0	0.0	0.0	-687.4	0.0	-19.9
1- 1	0.0	0.0	0.0	-124.5	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	1	Sx	-21.1	0.0	0.0	21.1
1- 1	si	13	Tz	-3.8	0.9	0.0	4.2
1- 1	si	5	Ty	-3.8	0.0	1.7	4.9
12- 5	si	5	Si	-21.1	0.0	1.3	21.2

VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 12- 5 - Nodo 1 - Asse Z  
 Ned = -687.4 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -35.4 ( 0.010)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 155- 19) 382  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-688.0	0.0	18.8
8- 2	0.0	0.0	0.0	-76.9	0.0	24.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-21.1	0.0	0.0	21.1
8- 2	si	13	Tz	-2.4	-0.9	0.0	2.8
8- 2	si	5	Ty	-2.4	0.0	-1.7	3.7
11-15	si	5	Si	-21.1	0.0	-1.3	21.2

PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	303.4	0.0	0.0	-688.1	0.0	14.1
8- 2	394.4	0.0	0.0	-77.0	0.0	18.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-25.8	0.0	0.0	25.8



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

8- 2	si	13	Tz	-8.4	-0.7	0.0	8.5
8- 2	si	5	Ty	-2.4	0.0	-1.2	3.2
11-15	si	15	Si	-25.8	0.5	0.0	25.8

----- PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	520.1	0.0	0.0	-688.2	0.0	9.4
8- 2	676.1	0.0	0.0	-77.1	0.0	12.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-29.1	0.0	0.0	29.1
8- 2	si	13	Tz	-12.8	-0.4	0.0	12.8
8- 2	si	5	Ty	-2.4	0.0	-0.8	2.8
11-15	si	15	Si	-29.1	0.3	0.0	29.1

----- PROGR. 55.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	650.1	0.0	0.0	-688.3	0.0	4.7
8- 2	845.2	0.0	0.0	-77.2	0.0	6.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-31.1	0.0	0.0	31.1
8- 2	si	13	Tz	-15.4	-0.2	0.0	15.4
8- 2	si	5	Ty	-2.4	0.0	-0.4	2.5
11-15	si	15	Si	-31.1	0.2	0.0	31.1

----- PROGR. 74.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	693.5	0.0	0.0	-688.4	0.0	0.0
6- 1	901.5	0.0	0.0	-38.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-31.8	0.0	0.0	31.8
11-15	si	7	Tz	-31.8	0.0	0.0	31.8
6- 1	si	5	Ty	-1.2	0.0	0.0	1.2

----- PROGR. 92.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	650.1	0.0	0.0	-688.5	0.0	-4.7
6- 1	845.2	0.0	0.0	-38.5	0.0	-6.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-31.1	0.0	0.0	31.1
6- 1	si	14	Tz	11.9	-0.2	0.0	11.9
6- 1	si	5	Ty	-1.2	0.0	0.4	1.4
11-15	si	15	Si	-31.1	-0.2	0.0	31.1

----- PROGR. 110.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	520.1	0.0	0.0	-688.6	0.0	-9.4
6- 1	676.1	0.0	0.0	-38.6	0.0	-12.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-29.1	0.0	0.0	29.1
6- 1	si	14	Tz	9.2	-0.4	0.0	9.3
6- 1	si	5	Ty	-1.2	0.0	0.8	1.9
11-15	si	15	Si	-29.1	-0.3	0.0	29.1

----- PROGR. 129.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	303.4	0.0	0.0	-688.7	0.0	-14.1
6- 1	394.4	0.0	0.0	-38.8	0.0	-18.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-25.8	0.0	0.0	25.8
6- 1	si	14	Tz	4.9	-0.7	0.0	5.0
6- 1	si	5	Ty	-1.2	0.0	1.2	2.5
11-15	si	15	Si	-25.8	-0.5	0.0	25.8

----- PROGR. 147.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-688.8	0.0	-18.8
6- 1	0.0	0.0	0.0	-38.9	0.0	-24.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	-21.1	0.0	0.0	21.1
6- 1	si	14	Tz	-1.2	-0.9	0.0	2.0
6- 1	si	5	Ty	-1.2	0.0	1.7	3.1
11-15	si	6	Si	-21.1	0.0	1.3	21.2

## VERIFICA STABILITA` :

L0 = 147.  
 Z | Lc = 147. | Ro = 2.82 | lm = 52.2 | Ncr = 248236.2 | alfa(a) = 0.2100 | ki = 0.8555 |  
 Y | Lc = 147. | Ro = 2.82 | lm = 52.2 | Ncr = 248236.2 | alfa(a) = 0.2100 | ki = 0.8555 |  
 Caso 11-15 - Nodo 2 - Asse Z  
 Ned = -688.8 | Mzeq = 601.0 | Myeq = 0.0 | Ss = -34.0 ( 0.010 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 171- 170 ) 385  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	0.0	0.0	0.0	-5384.7	0.0	19.9
8- 2	0.0	0.0	0.0	-461.5	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-165.0	0.0	0.0	165.0
8- 2	si	14	Tz	-14.1	0.9	0.0	14.2
8- 2	si	5	Ty	-14.1	0.0	-1.7	14.5

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11- 6	si	5	Si	-165.0	0.0	-1.3	165.0		
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19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	336.6	0.0	0.0	-5384.8	0.0	14.9
8- 2	437.6	0.0	0.0	-461.6	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	-170.2	0.0	0.0	170.2
8- 2	si	14	Tz	-7.4	0.7	0.0	7.5
8- 2	si	5	Ty	-14.1	0.0	-1.3	14.3
11- 6	si	15	Si	-170.2	0.5	0.0	170.2

39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	577.0	0.0	0.0	-5384.9	0.0	9.9
8- 2	750.1	0.0	0.0	-461.8	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	-173.9	0.0	0.0	173.9
8- 2	si	14	Tz	-2.6	0.5	0.0	2.7
8- 2	si	5	Ty	-14.1	0.0	-0.9	14.2
11- 6	si	15	Si	-173.9	0.4	0.0	173.9

58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	721.2	0.0	0.0	-5385.0	0.0	5.0
8- 2	937.6	0.0	0.0	-461.9	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	-176.1	0.0	0.0	176.1
8- 2	si	14	Tz	0.3	0.2	0.0	0.5
8- 2	si	5	Ty	-14.2	0.0	-0.4	14.2
11- 6	si	15	Si	-176.1	0.2	0.0	176.1

77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	769.3	0.0	0.0	-5385.1	0.0	0.0
6- 1	1000.1	0.0	0.0	-960.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	-176.8	0.0	0.0	176.8
6- 1	si	13	Tz	-44.9	0.0	0.0	44.9
6- 1	si	5	Ty	-29.4	0.0	0.0	29.4

97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	721.2	0.0	0.0	-5385.2	0.0	-5.0
6- 1	937.6	0.0	0.0	-961.1	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	-176.1	0.0	0.0	176.1
6- 1	si	13	Tz	-43.9	0.2	0.0	43.9
6- 1	si	5	Ty	-29.4	0.0	0.4	29.5
11- 6	si	15	Si	-176.1	-0.2	0.0	176.1

116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	577.0	0.0	0.0	-5385.3	0.0	-9.9
6- 1	750.1	0.0	0.0	-961.2	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	-173.9	0.0	0.0	173.9
6- 1	si	13	Tz	-41.0	0.5	0.0	41.0
6- 1	si	5	Ty	-29.4	0.0	0.9	29.5
11- 6	si	15	Si	-173.9	-0.4	0.0	173.9

136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	336.6	0.0	0.0	-5385.4	0.0	-14.9
6- 1	437.6	0.0	0.0	-961.3	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	-170.2	0.0	0.0	170.2
6- 1	si	13	Tz	-36.2	0.7	0.0	36.2
6- 1	si	5	Ty	-29.5	0.0	1.3	29.5
11- 6	si	15	Si	-170.2	-0.5	0.0	170.2

155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	0.0	0.0	0.0	-5385.5	0.0	-19.9
6- 1	0.0	0.0	0.0	-961.5	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	-165.0	0.0	0.0	165.0
6- 1	si	13	Tz	-29.5	0.9	0.0	29.5
6- 1	si	5	Ty	-29.5	0.0	1.7	29.6
11- 6	si	6	Si	-165.0	0.0	1.3	165.0

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Casoll- 6 - Nodo 2 - Asse Z  
 Ned = -5385.5 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -207.3 ( 0.061)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 170- 159) 386  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		0.0	0.0	0.0	-5818.5	0.0	19.9
1- 1		0.0	0.0	0.0	-650.0	0.0	25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-178.3	0.0	0.0	178.3
1- 1	si	13	Tz	-19.9	-0.9	0.0	20.0
1- 1	si	5	Ty	-19.9	0.0	-1.7	20.1
11- 6	si	5	Si	-178.3	0.0	-1.3	178.3

PROGR. 19.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		336.6	0.0	0.0	-5818.6	0.0	14.9
1- 1		437.6	0.0	0.0	-650.1	0.0	19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-183.5	0.0	0.0	183.5
1- 1	si	13	Tz	-26.7	-0.7	0.0	26.7
1- 1	si	5	Ty	-19.9	0.0	-1.3	20.0
11- 6	si	13	Si	-183.5	-0.5	0.0	183.5

PROGR. 39.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		577.0	0.0	0.0	-5818.7	0.0	9.9
1- 1		750.1	0.0	0.0	-650.2	0.0	12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-187.2	0.0	0.0	187.2
1- 1	si	13	Tz	-31.5	-0.5	0.0	31.5
1- 1	si	5	Ty	-19.9	0.0	-0.9	20.0
11- 6	si	13	Si	-187.2	-0.4	0.0	187.2

PROGR. 58.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		721.2	0.0	0.0	-5818.8	0.0	5.0
1- 1		937.6	0.0	0.0	-650.3	0.0	6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-189.4	0.0	0.0	189.4
1- 1	si	13	Tz	-34.4	-0.2	0.0	34.4
1- 1	si	5	Ty	-19.9	0.0	-0.4	19.9
11- 6	si	13	Si	-189.4	-0.2	0.0	189.4

PROGR. 78.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		769.3	0.0	0.0	-5818.9	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-190.1	0.0	0.0	190.1

PROGR. 97.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		721.2	0.0	0.0	-5819.0	0.0	-5.0
1- 1		937.6	0.0	0.0	-650.6	0.0	-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-189.4	0.0	0.0	189.4
1- 1	si	13	Tz	-34.4	0.2	0.0	34.4
1- 1	si	5	Ty	-19.9	0.0	0.4	19.9
11- 6	si	13	Si	-189.4	0.2	0.0	189.4

PROGR. 116.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		577.0	0.0	0.0	-5819.1	0.0	-9.9
1- 1		750.1	0.0	0.0	-650.7	0.0	-12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-187.2	0.0	0.0	187.2
1- 1	si	13	Tz	-31.5	0.5	0.0	31.5
1- 1	si	5	Ty	-19.9	0.0	0.9	20.0
11- 6	si	13	Si	-187.2	0.4	0.0	187.2

PROGR. 136.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		336.6	0.0	0.0	-5819.2	0.0	-14.9
1- 1		437.6	0.0	0.0	-650.9	0.0	-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-183.5	0.0	0.0	183.5
1- 1	si	13	Tz	-26.7	0.7	0.0	26.7
1- 1	si	5	Ty	-19.9	0.0	1.3	20.1
11- 6	si	13	Si	-183.5	0.5	0.0	183.5

PROGR. 155.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 6		0.0	0.0	0.0	-5819.3	0.0	-19.9
1- 1		0.0	0.0	0.0	-651.0	0.0	-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	-178.3	0.0	0.0	178.3
1- 1	si	13	Tz	-19.9	0.9	0.0	20.0
1- 1	si	5	Ty	-19.9	0.0	1.7	20.2
11- 6	si	5	Si	-178.3	0.0	1.3	178.3

VERIFICA STABILITA' :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Y |Lc = 155.0|Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
 Caso11- 6 - Nodo 1 - Asse Z  
 Ned = -5819.3|Mzeq = 666.7|Myeq = 0.0|Ss = -223.2 ( 0.066)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 174- 167) 389  
 ----- PROGR. 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	0.0	0.0	0.0	-1233.9	0.0	19.9
6- 1	0.0	0.0	0.0	-281.7	0.0	25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-37.8	0.0	0.0	37.8
6- 1	si	13	Tz	-8.6	-0.9	0.0	8.8
6- 1	si	5	Ty	-8.6	0.0	-1.7	9.1
11-13	si	5	Si	-37.8	0.0	-1.3	37.9

 ----- PROGR. 19.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	336.6	0.0	0.0	-1234.0	0.0	14.9
6- 1	437.6	0.0	0.0	-281.8	0.0	19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-43.0	0.0	0.0	43.0
6- 1	si	13	Tz	-15.4	-0.7	0.0	15.4
6- 1	si	5	Ty	-8.6	0.0	-1.3	8.9
11-13	si	13	Si	-43.0	-0.5	0.0	43.0

 ----- PROGR. 39.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	577.0	0.0	0.0	-1234.1	0.0	9.9
6- 1	750.1	0.0	0.0	-281.9	0.0	12.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-46.7	0.0	0.0	46.7
6- 1	si	13	Tz	-20.2	-0.5	0.0	20.2
6- 1	si	5	Ty	-8.6	0.0	-0.9	8.8
11-13	si	13	Si	-46.7	-0.4	0.0	46.7

 ----- PROGR. 58.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	721.2	0.0	0.0	-1234.2	0.0	5.0
6- 1	937.6	0.0	0.0	-282.1	0.0	6.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-48.9	0.0	0.0	48.9
6- 1	si	13	Tz	-23.1	-0.2	0.0	23.1
6- 1	si	5	Ty	-8.6	0.0	-0.4	8.7
11-13	si	13	Si	-48.9	-0.2	0.0	48.9

 ----- PROGR. 78.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	769.3	0.0	0.0	-1234.3	0.0	0.0
11- 4	769.3	0.0	0.0	1092.7	0.0	0.0
6- 1	1000.1	0.0	0.0	-282.2	0.0	0.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-49.7	0.0	0.0	49.7
11- 4	si	13	Tz	21.6	0.0	0.0	21.6
6- 1	si	5	Ty	-8.6	0.0	0.0	8.6

 ----- PROGR. 97.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	721.2	0.0	0.0	-1234.4	0.0	-5.0
8- 2	937.6	0.0	0.0	-165.8	0.0	-6.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-48.9	0.0	0.0	48.9
8- 2	si	14	Tz	9.4	-0.2	0.0	9.4
8- 2	si	5	Ty	-5.1	0.0	0.4	5.1
11-13	si	13	Si	-48.9	0.2	0.0	48.9

 ----- PROGR. 116.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	577.0	0.0	0.0	-1234.5	0.0	-9.9
8- 2	750.1	0.0	0.0	-165.9	0.0	-12.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-46.7	0.0	0.0	46.7
8- 2	si	14	Tz	6.5	-0.5	0.0	6.5
8- 2	si	5	Ty	-5.1	0.0	0.9	5.3
11-13	si	13	Si	-46.7	0.4	0.0	46.7

 ----- PROGR. 136.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	336.6	0.0	0.0	-1234.6	0.0	-14.9
8- 2	437.6	0.0	0.0	-166.0	0.0	-19.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-43.0	0.0	0.0	43.0
8- 2	si	14	Tz	1.7	-0.7	0.0	2.1
8- 2	si	5	Ty	-5.1	0.0	1.3	5.6
11-13	si	13	Si	-43.0	0.5	0.0	43.0

 ----- PROGR. 155.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-13	0.0	0.0	0.0	-1234.7	0.0	-19.9
8- 2	0.0	0.0	0.0	-166.1	0.0	-25.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx				
8- 2	si	5	Ty				
11-13	si	13	Si				

11-13	si	1	Sx	-37.8	0.0	0.0	37.8
8- 2	si	14	Tz	-5.1	-0.9	0.0	5.3
8- 2	si	5	Ty	-5.1	0.0	1.7	5.9
11-13	si	5	Si	-37.8	0.0	1.3	37.9

-----  
 VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr= 223764.3 | alfa(a)=0.2100 | ki=0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr= 223764.3 | alfa(a)=0.2100 | ki=0.8383  
 Caso11-13 - Nodo 1 - Asse Z  
 Ned = -1234.7 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -55.5 ( 0.016)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 167- 166) 390  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	0.0	0.0	0.0	-969.5	0.0	19.9
1- 1	0.0	0.0	0.0	-176.9	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-29.7	0.0	0.0	29.7
1- 1	si	13	Tz	-5.4	-0.9	0.0	5.7
1- 1	si	5	Ty	-5.4	0.0	-1.7	6.2
11-13	si	5	Si	-29.7	0.0	-1.3	29.8

-----  
 PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	336.6	0.0	0.0	-969.6	0.0	14.9
1- 1	437.6	0.0	0.0	-177.1	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-34.9	0.0	0.0	34.9
1- 1	si	13	Tz	-12.2	-0.7	0.0	12.2
1- 1	si	5	Ty	-5.4	0.0	-1.3	5.9
11-13	si	13	Si	-34.9	-0.5	0.0	34.9

-----  
 PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	577.0	0.0	0.0	-969.7	0.0	9.9
1- 1	750.1	0.0	0.0	-177.2	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-38.6	0.0	0.0	38.6
1- 1	si	13	Tz	-17.0	-0.5	0.0	17.0
1- 1	si	5	Ty	-5.4	0.0	-0.9	5.6
11-13	si	13	Si	-38.6	-0.4	0.0	38.6

-----  
 PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	721.2	0.0	0.0	-969.8	0.0	5.0
1- 1	937.6	0.0	0.0	-177.3	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-40.8	0.0	0.0	40.8
1- 1	si	13	Tz	-19.9	-0.2	0.0	19.9
1- 1	si	5	Ty	-5.4	0.0	-0.4	5.5
11-13	si	13	Si	-40.8	-0.2	0.0	40.8

-----  
 PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	769.3	0.0	0.0	-969.9	0.0	0.0
1- 1	750.1	0.0	0.0	-177.7	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-41.6	0.0	0.0	41.6

-----  
 PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	721.2	0.0	0.0	-970.0	0.0	-5.0
1- 1	937.6	0.0	0.0	-177.6	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-40.8	0.0	0.0	40.8
1- 1	si	13	Tz	-19.9	0.2	0.0	19.9
1- 1	si	5	Ty	-5.4	0.0	0.4	5.5
11-13	si	13	Si	-40.8	0.2	0.0	40.8

-----  
 PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	577.0	0.0	0.0	-970.1	0.0	-9.9
1- 1	750.1	0.0	0.0	-177.7	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-38.6	0.0	0.0	38.6
1- 1	si	13	Tz	-17.0	0.5	0.0	17.0
1- 1	si	5	Ty	-5.4	0.0	0.9	5.6
11-13	si	13	Si	-38.6	0.4	0.0	38.6

-----  
 PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	336.6	0.0	0.0	-970.2	0.0	-14.9
1- 1	437.6	0.0	0.0	-177.8	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-34.9	0.0	0.0	34.9
1- 1	si	13	Tz	-12.2	0.7	0.0	12.3
1- 1	si	5	Ty	-5.4	0.0	1.3	5.9
11-13	si	13	Si	-34.9	0.5	0.0	34.9

-----  
 PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-13	0.0	0.0	0.0	-970.3	0.0	-19.9
1-1	0.0	0.0	0.0	-178.0	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-13	si	1	Sx	-29.7	0.0	0.0	29.7
1-1	si	13	Tz	-5.5	0.9	0.0	5.7
1-1	si	5	Ty	-5.5	0.0	1.7	6.2
11-13	si	5	Si	-29.7	0.0	1.3	29.8

VERIFICA STABILITA' :

Z | L0 = 155. |  
 | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-13 - Nodo 1 - Asse Z  
 Ned = -970.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -45.8 ( 0.014)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 176- 175 ) 391  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-4456.8	0.0	19.9
1-1	0.0	0.0	0.0	-25.7	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-136.5	0.0	0.0	136.5
1-1	si	13	Tz	-0.8	-0.9	0.0	1.8
1-1	si	5	Ty	-0.8	0.0	-1.7	3.1
11-10	si	5	Si	-136.5	0.0	-1.3	136.6

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-4456.9	0.0	14.9
1-1	437.6	0.0	0.0	-25.8	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-141.7	0.0	0.0	141.7
1-1	si	13	Tz	-7.5	-0.7	0.0	7.6
1-1	si	5	Ty	-0.8	0.0	-1.3	2.4
11-10	si	13	Si	-141.7	-0.5	0.0	141.7

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-4457.0	0.0	9.9
1-1	750.1	0.0	0.0	-26.0	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-145.4	0.0	0.0	145.4
1-1	si	13	Tz	-12.4	-0.5	0.0	12.4
1-1	si	5	Ty	-0.8	0.0	-0.9	1.7
11-10	si	13	Si	-145.4	-0.4	0.0	145.5

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-4457.1	0.0	5.0
1-1	937.6	0.0	0.0	-26.1	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-147.7	0.0	0.0	147.7
1-1	si	13	Tz	-15.3	-0.2	0.0	15.3
1-1	si	5	Ty	-0.8	0.0	-0.4	1.1
11-10	si	13	Si	-147.7	-0.2	0.0	147.7

----- PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	769.3	0.0	0.0	-4457.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-148.4	0.0	0.0	148.4

----- PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-4457.3	0.0	-5.0
1-1	937.6	0.0	0.0	-26.3	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-147.7	0.0	0.0	147.7
1-1	si	13	Tz	-15.3	0.2	0.0	15.3
1-1	si	5	Ty	-0.8	0.0	0.4	1.1
11-10	si	13	Si	-147.7	0.2	0.0	147.7

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-4457.4	0.0	-9.9
1-1	750.1	0.0	0.0	-26.5	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-145.5	0.0	0.0	145.5
1-1	si	13	Tz	-12.4	0.5	0.0	12.4
1-1	si	5	Ty	-0.8	0.0	0.9	1.7
11-10	si	13	Si	-145.5	0.4	0.0	145.5

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-4457.5	0.0	-14.9
1-1	437.6	0.0	0.0	-26.6	0.0	-19.4

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-141.8	0.0	0.0	141.8
1-1	si	13	Tz	-7.6	0.7	0.0	7.7
1-1	si	5	Ty	-0.8	0.0	1.3	2.4
11-10	si	13	Si	-141.8	0.5	0.0	141.8

PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-4457.6	0.0	-19.9
1-1	0.0	0.0	0.0	-26.7	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-136.6	0.0	0.0	136.6
1-1	si	13	Tz	-0.8	0.9	0.0	1.8
1-1	si	5	Ty	-0.8	0.0	1.7	3.1
11-10	si	5	Si	-136.6	0.0	1.3	136.6

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-10 - Nodo 1 - Asse Z  
 Ned = -4457.6 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -173.4 ( 0.051)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 175- 165) 392  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-4689.7	0.0	19.9
1-1	0.0	0.0	0.0	-11.1	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-143.7	0.0	0.0	143.7
1-1	si	13	Tz	-0.3	-0.9	0.0	1.7
1-1	si	5	Ty	-0.3	0.0	-1.7	3.0
11-10	si	5	Si	-143.7	0.0	-1.3	143.7

PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-4689.8	0.0	14.9
1-1	437.6	0.0	0.0	-11.2	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-148.9	0.0	0.0	148.9
1-1	si	13	Tz	-7.1	-0.7	0.0	7.2
1-1	si	5	Ty	-0.3	0.0	-1.3	2.3
11-10	si	13	Si	-148.9	-0.5	0.0	148.9

PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-4689.9	0.0	9.9
1-1	750.1	0.0	0.0	-11.3	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-152.6	0.0	0.0	152.6
1-1	si	13	Tz	-11.9	-0.5	0.0	11.9
1-1	si	5	Ty	-0.3	0.0	-0.9	1.5
11-10	si	13	Si	-152.6	-0.4	0.0	152.6

PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-4690.0	0.0	5.0
1-1	937.6	0.0	0.0	-11.4	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-154.8	0.0	0.0	154.8
1-1	si	13	Tz	-14.8	-0.2	0.0	14.8
1-1	si	5	Ty	-0.4	0.0	-0.4	0.8
11-10	si	13	Si	-154.8	-0.2	0.0	154.8

PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	769.3	0.0	0.0	-4690.1	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-155.6	0.0	0.0	155.6

PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-4690.2	0.0	-5.0
1-1	937.6	0.0	0.0	-11.7	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-154.8	0.0	0.0	154.8
1-1	si	13	Tz	-14.8	0.2	0.0	14.8
1-1	si	5	Ty	-0.4	0.0	0.4	0.8
11-10	si	13	Si	-154.8	0.2	0.0	154.8

PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-4690.3	0.0	-9.9
1-1	750.1	0.0	0.0	-11.8	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-152.6	0.0	0.0	152.6
1-1	si	13	Tz	-11.9	0.5	0.0	12.0
1-1	si	5	Ty	-0.4	0.0	0.9	1.6
11-10	si	13	Si	-152.6	0.4	0.0	152.6

----- PROGR. 136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	336.6	0.0	0.0	-4690.4	0.0	-14.9	
1-1	437.6	0.0	0.0	-12.0	0.0	-19.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-148.9	0.0	0.0	148.9
1-1	si	13	Tz	-7.1	0.7	0.0	7.2
1-1	si	5	Ty	-0.4	0.0	1.3	2.3
11-10	si	13	Si	-148.9	0.5	0.0	148.9

----- PROGR. 155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-10	0.0	0.0	0.0	-4690.5	0.0	-19.9	
1-1	0.0	0.0	0.0	-12.1	0.0	-25.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-143.7	0.0	0.0	143.7
1-1	si	13	Tz	-0.4	0.9	0.0	1.7
1-1	si	5	Ty	-0.4	0.0	1.7	3.0
11-10	si	5	Si	-143.7	0.0	1.3	143.7

-----  
VERIFICA STABILITA` :

L0 = 155.  
Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
Caso11-10 - Nodo 1 - Asse Z  
Ned = -4690.5 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -181.9 ( 0.054)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 165- 164) 393  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	0.0	0.0	0.0	4908.0	0.0	19.9	
1-1	0.0	0.0	0.0	24.0	0.0	25.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	150.4	0.0	0.0	150.4
1-1	si	13	Tz	0.7	-0.9	0.0	1.8
1-1	si	5	Ty	0.7	0.0	-1.7	3.1
11-5	si	5	Si	150.4	0.0	-1.3	150.4

----- PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	336.6	0.0	0.0	4907.9	0.0	14.9	
1-1	437.6	0.0	0.0	23.9	0.0	19.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	155.6	0.0	0.0	155.6
1-1	si	13	Tz	-6.0	-0.7	0.0	6.1
1-1	si	5	Ty	0.7	0.0	-1.3	2.4
11-5	si	14	Si	155.6	0.5	0.0	155.6

----- PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	577.0	0.0	0.0	4907.8	0.0	9.9	
1-1	750.1	0.0	0.0	23.7	0.0	12.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	159.3	0.0	0.0	159.3
1-1	si	13	Tz	-10.8	-0.5	0.0	10.9
1-1	si	5	Ty	0.7	0.0	-0.9	1.7
11-5	si	14	Si	159.3	0.4	0.0	159.3

----- PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	721.2	0.0	0.0	4907.7	0.0	5.0	
1-1	937.6	0.0	0.0	23.6	0.0	6.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	161.5	0.0	0.0	161.5
1-1	si	13	Tz	-13.7	-0.2	0.0	13.7
1-1	si	5	Ty	0.7	0.0	-0.4	1.0
11-5	si	14	Si	161.5	0.2	0.0	161.5

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	769.3	0.0	0.0	4907.6	0.0	0.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	162.2	0.0	0.0	162.2

----- PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	721.2	0.0	0.0	4907.5	0.0	-5.0	
1-1	937.6	0.0	0.0	23.3	0.0	-6.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	161.5	0.0	0.0	161.5
1-1	si	13	Tz	-13.7	0.2	0.0	13.8
1-1	si	5	Ty	0.7	0.0	0.4	1.0
11-5	si	14	Si	161.5	-0.2	0.0	161.5

----- PROGR. 116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	577.0	0.0	0.0	4907.4	0.0	-9.9	
1-1	750.1	0.0	0.0	23.2	0.0	-12.9	



TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	3	Sx	159.2	0.0	0.0	159.2
1- 1	si	13	Tz	-10.9	0.5	0.0	10.9
1- 1	si	5	Ty	0.7	0.0	0.9	1.7
11- 5	si	14	Si	159.2	-0.4	0.0	159.2

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.6	0.0	0.0	4907.3	0.0	-14.9
1- 1	437.6	0.0	0.0	23.1	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	3	Sx	155.5	0.0	0.0	155.5
1- 1	si	13	Tz	-6.0	0.7	0.0	6.2
1- 1	si	5	Ty	0.7	0.0	1.3	2.4
11- 5	si	14	Si	155.5	-0.5	0.0	155.5

----- PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	4907.2	0.0	-19.9
1- 1	0.0	0.0	0.0	23.0	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	150.3	0.0	0.0	150.3
1- 1	si	13	Tz	0.7	0.9	0.0	1.8
1- 1	si	5	Ty	0.7	0.0	1.7	3.1
11- 5	si	5	Si	150.3	0.0	1.3	150.4

VERIFICA STABILITA` :

L0 = 155. |  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso11-12 - Nodo 1 - Asse Z  
 Ned = -4890.8 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -189.2 ( 0.056)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 164- 163) 394  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	0.0	0.0	0.0	5286.6	0.0	19.9
1- 1	0.0	0.0	0.0	60.7	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	162.0	0.0	0.0	162.0
1- 1	si	13	Tz	1.9	-0.9	0.0	2.5
1- 1	si	5	Ty	1.9	0.0	-1.7	3.5
11- 6	si	5	Si	162.0	0.0	-1.3	162.0

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	336.6	0.0	0.0	5286.5	0.0	14.9
1- 1	437.6	0.0	0.0	60.6	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	167.2	0.0	0.0	167.2
1- 1	si	13	Tz	-4.9	-0.7	0.0	5.0
1- 1	si	5	Ty	1.9	0.0	-1.3	2.9
11- 6	si	14	Si	167.2	0.5	0.0	167.2

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	577.0	0.0	0.0	5286.4	0.0	9.9
1- 1	750.1	0.0	0.0	60.5	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	170.9	0.0	0.0	170.9
1- 1	si	13	Tz	-9.7	-0.5	0.0	9.7
1- 1	si	5	Ty	1.9	0.0	-0.9	2.4
11- 6	si	14	Si	170.9	0.4	0.0	170.9

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	721.2	0.0	0.0	5286.3	0.0	5.0
1- 1	937.6	0.0	0.0	60.3	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	173.1	0.0	0.0	173.1
1- 1	si	13	Tz	-12.6	-0.2	0.0	12.6
1- 1	si	5	Ty	1.8	0.0	-0.4	2.0
11- 6	si	14	Si	173.1	0.2	0.0	173.1

----- PROGR. 78.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	769.3	0.0	0.0	5286.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	173.8	0.0	0.0	173.8

----- PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	721.2	0.0	0.0	5286.1	0.0	-5.0
1- 1	937.6	0.0	0.0	60.1	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	173.1	0.0	0.0	173.1
1- 1	si	13	Tz	-12.6	0.2	0.0	12.6
1- 1	si	5	Ty	1.8	0.0	0.4	2.0

11- 6	si	14	Si	173.1	-0.2	0.0	173.1	116.
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SOLLECITAZIONI :  
----- PROGR. 116.

Caso	MZ	MY	MT	N	TZ	TY
11- 6	577.0	0.0	0.0	5286.0	0.0	-9.9
1- 1	750.1	0.0	0.0	60.0	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	170.8	0.0	0.0	170.8
1- 1	si	13	Tz	-9.7	0.5	0.0	9.8
1- 1	si	5	Ty	1.8	0.0	0.9	2.4
11- 6	si	14	Si	170.8	-0.4	0.0	170.8

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	336.6	0.0	0.0	5285.9	0.0	-14.9
1- 1	437.6	0.0	0.0	59.8	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	3	Sx	167.1	0.0	0.0	167.1
1- 1	si	13	Tz	-4.9	0.7	0.0	5.1
1- 1	si	5	Ty	1.8	0.0	1.3	2.9
11- 6	si	14	Si	167.1	-0.5	0.0	167.1

----- PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 6	0.0	0.0	0.0	5285.8	0.0	-19.9
1- 1	0.0	0.0	0.0	59.7	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	1	Sx	161.9	0.0	0.0	161.9
1- 1	si	13	Tz	1.8	0.9	0.0	2.5
1- 1	si	5	Ty	1.8	0.0	1.7	3.5
11- 6	si	5	Si	161.9	0.0	1.3	162.0

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VERIFICA STABILITA` :

L0 = 155.  
Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
Cas011-11 - Nodo 1 - Asse Z  
Ned = -5242.1 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -202.1 ( 0.060)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 20- 186 ) 395  
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-1356.5	0.0	19.9
1- 1	0.0	0.0	0.0	-300.8	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-41.6	0.0	0.0	41.6
1- 1	si	13	Tz	-9.2	-0.9	0.0	9.4
1- 1	si	5	Ty	-9.2	0.0	-1.7	9.7
11-15	si	5	Si	-41.6	0.0	-1.3	41.6

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	336.6	0.0	0.0	-1356.6	0.0	14.9
1- 1	437.6	0.0	0.0	-300.9	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-46.8	0.0	0.0	46.8
1- 1	si	13	Tz	-16.0	-0.7	0.0	16.0
1- 1	si	5	Ty	-9.2	0.0	-1.3	9.5
11-15	si	13	Si	-46.8	-0.5	0.0	46.8

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	577.0	0.0	0.0	-1356.7	0.0	9.9
1- 1	750.1	0.0	0.0	-301.0	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-50.5	0.0	0.0	50.5
1- 1	si	13	Tz	-20.8	-0.5	0.0	20.8
1- 1	si	5	Ty	-9.2	0.0	-0.9	9.3
11-15	si	13	Si	-50.5	-0.4	0.0	50.5

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	721.2	0.0	0.0	-1356.8	0.0	5.0
1- 1	937.6	0.0	0.0	-301.2	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-52.7	0.0	0.0	52.7
1- 1	si	13	Tz	-23.7	-0.2	0.0	23.7
1- 1	si	5	Ty	-9.2	0.0	-0.4	9.3
11-15	si	13	Si	-52.7	-0.2	0.0	52.7

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	769.3	0.0	0.0	-1356.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-53.4	0.0	0.0	53.4

----- PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	721.2	0.0	0.0	-1357.0	0.0	-5.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

1-1	937.6	0.0	0.0	-301.4	0.0	-6.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-52.7	0.0	0.0
1-1	si	13	Tz	-23.7	0.2	0.0
1-1	si	5	Ty	-9.2	0.0	0.4
11-15	si	13	Si	-52.7	0.2	0.0
----- PROGR. 116.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	577.0	0.0	0.0	-1357.1	0.0	-9.9
1-1	750.1	0.0	0.0	-301.6	0.0	-12.9

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-50.5	0.0	0.0
1-1	si	13	Tz	-20.8	0.5	0.0
1-1	si	5	Ty	-9.2	0.0	0.9
11-15	si	13	Si	-50.5	0.4	0.0
----- PROGR. 136.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	336.6	0.0	0.0	-1357.2	0.0	-14.9
1-1	437.6	0.0	0.0	-301.7	0.0	-19.4

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-46.8	0.0	0.0
1-1	si	13	Tz	-16.0	0.7	0.0
1-1	si	5	Ty	-9.2	0.0	1.3
11-15	si	13	Si	-46.8	0.5	0.0
----- PROGR. 155.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-1357.3	0.0	-19.9
1-1	0.0	0.0	0.0	-301.8	0.0	-25.8

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-41.6	0.0	0.0
1-1	si	13	Tz	-9.2	0.9	0.0
1-1	si	5	Ty	-9.2	0.0	1.7
11-15	si	5	Si	-41.6	0.0	1.3

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-15 - Nodo 1 - Asse Z  
 Ned = -1357.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -59.9 ( 0.018)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 186- 187 ) 396  
 ----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-1280.5	0.0	19.9
1-1	0.0	0.0	0.0	-280.3	0.0	25.8

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-39.2	0.0	0.0
1-1	si	13	Tz	-8.6	-0.9	0.0
1-1	si	5	Ty	-8.6	0.0	-1.7
11-15	si	5	Si	-39.2	0.0	-1.3
----- PROGR. 19.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	336.6	0.0	0.0	-1280.6	0.0	14.9
1-1	437.6	0.0	0.0	-280.4	0.0	19.4

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-44.4	0.0	0.0
1-1	si	13	Tz	-15.3	-0.7	0.0
1-1	si	5	Ty	-8.6	0.0	-1.3
11-15	si	13	Si	-44.4	-0.5	0.0
----- PROGR. 39.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	577.0	0.0	0.0	-1280.7	0.0	9.9
1-1	750.1	0.0	0.0	-280.6	0.0	12.9

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-48.1	0.0	0.0
1-1	si	13	Tz	-20.2	-0.5	0.0
1-1	si	5	Ty	-8.6	0.0	-0.9
11-15	si	13	Si	-48.1	-0.4	0.0
----- PROGR. 58.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	721.2	0.0	0.0	-1280.8	0.0	5.0
1-1	937.6	0.0	0.0	-280.7	0.0	6.5

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	1	Sx	-50.4	0.0	0.0
1-1	si	13	Tz	-23.1	-0.2	0.0
1-1	si	5	Ty	-8.6	0.0	-0.4
11-15	si	13	Si	-50.4	-0.2	0.0
----- PROGR. 78.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-15	769.3	0.0	0.0	-1280.9	0.0	0.0

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-51.1	0.0	0.0	51.1

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	721.2	0.0	0.0	-1281.0	0.0	-5.0
1- 1			Sx	937.6	0.0	0.0	-280.9	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-50.4	0.0	0.0	50.4
1- 1	si	13	Tz	-23.1	0.2	0.0	23.1
1- 1	si	5	Ty	-8.6	0.0	0.4	8.6
11-15	si	13	Si	-50.4	0.2	0.0	50.4

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	577.0	0.0	0.0	-1281.1	0.0	-9.9
1- 1			Sx	750.1	0.0	0.0	-281.1	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-48.1	0.0	0.0	48.1
1- 1	si	13	Tz	-20.2	0.5	0.0	20.2
1- 1	si	5	Ty	-8.6	0.0	0.9	8.7
11-15	si	13	Si	-48.1	0.4	0.0	48.2

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	336.6	0.0	0.0	-1281.2	0.0	-14.9
1- 1			Sx	437.6	0.0	0.0	-281.2	0.0	-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-44.4	0.0	0.0	44.4
1- 1	si	13	Tz	-15.4	0.7	0.0	15.4
1- 1	si	5	Ty	-8.6	0.0	1.3	8.9
11-15	si	13	Si	-44.4	0.5	0.0	44.5

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	0.0	0.0	0.0	-1281.3	0.0	-19.9
1- 1			Sx	0.0	0.0	0.0	-281.3	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-39.3	0.0	0.0	39.3
1- 1	si	13	Tz	-8.6	0.9	0.0	8.8
1- 1	si	5	Ty	-8.6	0.0	1.7	9.1
11-15	si	5	Si	-39.3	0.0	1.3	39.3

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-15 - Nodo 1 - Asse Z  
 Ned = -1281.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -57.2 ( 0.017)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 187- 177) 397  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	0.0	0.0	0.0	-1166.6	0.0	19.9
4- 2			Sx	0.0	0.0	0.0	-223.6	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-35.7	0.0	0.0	35.7
4- 2	si	13	Tz	-6.8	-0.9	0.0	7.0
4- 2	si	5	Ty	-6.8	0.0	-1.7	7.5
11-15	si	5	Si	-35.7	0.0	-1.3	35.8

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	336.6	0.0	0.0	-1166.7	0.0	14.9
4- 2			Sx	437.6	0.0	0.0	-223.7	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-40.9	0.0	0.0	40.9
4- 2	si	13	Tz	-13.6	-0.7	0.0	13.7
4- 2	si	5	Ty	-6.9	0.0	-1.3	7.2
11-15	si	15	Si	-40.9	0.5	0.0	40.9

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	577.0	0.0	0.0	-1166.8	0.0	9.9
8- 2			Sx	750.1	0.0	0.0	-206.8	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-44.6	0.0	0.0	44.6
8- 2	si	13	Tz	-17.9	-0.5	0.0	17.9
8- 2	si	5	Ty	-6.3	0.0	-0.9	6.5
11-15	si	15	Si	-44.6	0.4	0.0	44.7

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	TY	
11-15			MZ	721.2	0.0	0.0	-1166.9	0.0	5.0
8- 2			Sx	937.6	0.0	0.0	-206.9	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-46.9	0.0	0.0	46.9
8- 2	si	13	Tz	-20.8	-0.2	0.0	20.8
8- 2	si	5	Ty	-6.3	0.0	-0.4	6.4

11-15	si	15	Si	-46.9	0.2	0.0	46.9		
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----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	769.3	0.0	0.0	-1167.0	0.0	0.0
11-12	769.3	0.0	0.0	-726.1	0.0	0.0
11- 5	769.3	0.0	0.0	534.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-47.6	0.0	0.0	47.6
11-12	si	7	Tz	-34.1	0.0	0.0	34.1
11- 5	si	9	Ty	8.1	0.0	0.0	8.1

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	721.2	0.0	0.0	-1167.1	0.0	-5.0
6- 1	937.6	0.0	0.0	-389.2	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-46.9	0.0	0.0	46.9
6- 1	si	14	Tz	2.5	-0.2	0.0	2.6
6- 1	si	5	Ty	-11.9	0.0	0.4	11.9
11-15	si	15	Si	-46.9	-0.2	0.0	46.9

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	577.0	0.0	0.0	-1167.2	0.0	-9.9
6- 1	750.1	0.0	0.0	-389.3	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-44.7	0.0	0.0	44.7
6- 1	si	14	Tz	-0.4	-0.5	0.0	0.9
6- 1	si	5	Ty	-11.9	0.0	0.9	12.0
11-15	si	15	Si	-44.7	-0.4	0.0	44.7

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	336.6	0.0	0.0	-1167.3	0.0	-14.9
6- 1	437.6	0.0	0.0	-389.5	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-41.0	0.0	0.0	41.0
6- 1	si	14	Tz	-5.2	-0.7	0.0	5.3
6- 1	si	5	Ty	-11.9	0.0	1.3	12.1
11-15	si	15	Si	-41.0	-0.5	0.0	41.0

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-1167.4	0.0	-19.9
6- 1	0.0	0.0	0.0	-389.6	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	-35.8	0.0	0.0	35.8
6- 1	si	14	Tz	-11.9	-0.9	0.0	12.0
6- 1	si	5	Ty	-11.9	0.0	1.7	12.3
11-15	si	6	Si	-35.8	0.0	1.3	35.8

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11-15 - Nodo 2 - Asse Z  
 Ned = -1167.4 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -53.0 ( 0.016)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 180- 181) 408  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1238.1	0.0	19.9
1- 1	0.0	0.0	0.0	-213.6	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-37.9	0.0	0.0	37.9
1- 1	si	13	Tz	-6.5	-0.9	0.0	6.7
1- 1	si	5	Ty	-6.5	0.0	-1.7	7.2
11- 1	si	5	Si	-37.9	0.0	-1.3	38.0

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	336.6	0.0	0.0	-1238.2	0.0	14.9
1- 1	437.6	0.0	0.0	-213.7	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-43.1	0.0	0.0	43.1
1- 1	si	13	Tz	-13.3	-0.7	0.0	13.4
1- 1	si	5	Ty	-6.5	0.0	-1.3	6.9
11- 1	si	13	Si	-43.1	-0.5	0.0	43.1

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	577.0	0.0	0.0	-1238.3	0.0	9.9
1- 1	750.1	0.0	0.0	-213.9	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-46.8	0.0	0.0	46.8
1- 1	si	13	Tz	-18.1	-0.5	0.0	18.1
1- 1	si	5	Ty	-6.6	0.0	-0.9	6.7
11- 1	si	13	Si	-46.8	-0.4	0.0	46.8

----- PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	721.2	0.0	0.0	-1238.4	0.0	5.0	
1- 1	937.6	0.0	0.0	-214.0	0.0	6.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-49.1	0.0	0.0	49.1
1- 1	si	13	Tz	-21.0	-0.2	0.0	21.0
1- 1	si	5	Ty	-6.6	0.0	-0.4	6.6
11- 1	si	13	Si	-49.1	-0.2	0.0	49.1

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	769.3	0.0	0.0	-1238.5	0.0	0.0	
1- 1	937.6	0.0	0.0	-214.3	0.0	-6.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-49.8	0.0	0.0	49.8

----- PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	721.2	0.0	0.0	-1238.6	0.0	-5.0	
1- 1	937.6	0.0	0.0	-214.3	0.0	-6.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-49.1	0.0	0.0	49.1
1- 1	si	13	Tz	-21.0	0.2	0.0	21.0
1- 1	si	5	Ty	-6.6	0.0	0.4	6.6
11- 1	si	13	Si	-49.1	0.2	0.0	49.1

----- PROGR. 116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	577.0	0.0	0.0	-1238.7	0.0	-9.9	
1- 1	750.1	0.0	0.0	-214.4	0.0	-12.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-46.8	0.0	0.0	46.8
1- 1	si	13	Tz	-18.1	0.5	0.0	18.2
1- 1	si	5	Ty	-6.6	0.0	0.9	6.7
11- 1	si	13	Si	-46.8	0.4	0.0	46.9

----- PROGR. 136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	336.6	0.0	0.0	-1238.8	0.0	-14.9	
1- 1	437.6	0.0	0.0	-214.5	0.0	-19.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-43.1	0.0	0.0	43.1
1- 1	si	13	Tz	-13.3	0.7	0.0	13.4
1- 1	si	5	Ty	-6.6	0.0	1.3	7.0
11- 1	si	13	Si	-43.1	0.5	0.0	43.2

----- PROGR. 155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	0.0	0.0	0.0	-1238.9	0.0	-19.9	
1- 1	0.0	0.0	0.0	-214.6	0.0	-25.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-38.0	0.0	0.0	38.0
1- 1	si	13	Tz	-6.6	0.9	0.0	6.8
1- 1	si	5	Ty	-6.6	0.0	1.7	7.2
11- 1	si	5	Si	-38.0	0.0	1.3	38.0

-----  
VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 1 - Nodo 1 - Asse Z  
 Ned = -1238.9 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -55.6 ( 0.016)

CASSONE\_s002 ( 2) stato limite ultimo - ASTA ( 181- 172) 409  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	0.0	0.0	0.0	-1127.0	0.0	19.9	
1- 1	0.0	0.0	0.0	-183.3	0.0	25.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-34.5	0.0	0.0	34.5
1- 1	si	13	Tz	-5.6	-0.9	0.0	5.9
1- 1	si	5	Ty	-5.6	0.0	-1.7	6.4
11- 1	si	5	Si	-34.5	0.0	-1.3	34.6

----- PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	336.6	0.0	0.0	-1127.1	0.0	14.9	
1- 1	437.6	0.0	0.0	-183.5	0.0	19.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-39.7	0.0	0.0	39.7
1- 1	si	13	Tz	-12.4	-0.7	0.0	12.4
1- 1	si	5	Ty	-5.6	0.0	-1.3	6.1
11- 1	si	13	Si	-39.7	-0.5	0.0	39.7

----- PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	577.0	0.0	0.0	-1127.2	0.0	9.9	
1- 1	750.1	0.0	0.0	-183.6	0.0	12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-43.4	0.0	0.0	43.4
1- 1	si	13	Tz	-17.2	-0.5	0.0	17.2
1- 1	si	5	Ty	-5.6	0.0	-0.9	5.8
11- 1	si	13	Si	-43.4	-0.4	0.0	43.4

58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	721.2	0.0	0.0	-1127.3	0.0	5.0	
1- 1	937.6	0.0	0.0	-183.7	0.0	6.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-45.7	0.0	0.0	45.7
1- 1	si	13	Tz	-20.1	-0.2	0.0	20.1
1- 1	si	5	Ty	-5.6	0.0	-0.4	5.7
11- 1	si	13	Si	-45.7	-0.2	0.0	45.7

78.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	769.3	0.0	0.0	-1127.4	0.0	0.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-46.4	0.0	0.0	46.4

97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	721.2	0.0	0.0	-1127.5	0.0	-5.0	
1- 1	937.6	0.0	0.0	-184.0	0.0	-6.5	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-45.7	0.0	0.0	45.7
1- 1	si	13	Tz	-20.1	0.2	0.0	20.1
1- 1	si	5	Ty	-5.6	0.0	0.4	5.7
11- 1	si	13	Si	-45.7	0.2	0.0	45.7

116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	577.0	0.0	0.0	-1127.6	0.0	-9.9	
1- 1	750.1	0.0	0.0	-184.1	0.0	-12.9	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-43.4	0.0	0.0	43.4
1- 1	si	13	Tz	-17.2	0.5	0.0	17.2
1- 1	si	5	Ty	-5.6	0.0	0.9	5.8
11- 1	si	13	Si	-43.4	0.4	0.0	43.4

136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	336.6	0.0	0.0	-1127.7	0.0	-14.9	
1- 1	437.6	0.0	0.0	-184.2	0.0	-19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-39.7	0.0	0.0	39.7
1- 1	si	13	Tz	-12.4	0.7	0.0	12.5
1- 1	si	5	Ty	-5.6	0.0	1.3	6.1
11- 1	si	13	Si	-39.7	0.5	0.0	39.8

155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	0.0	0.0	0.0	-1127.8	0.0	-19.9	
1- 1	0.0	0.0	0.0	-184.4	0.0	-25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-34.6	0.0	0.0	34.6
1- 1	si	13	Tz	-5.6	0.9	0.0	5.9
1- 1	si	5	Ty	-5.6	0.0	1.7	6.4
11- 1	si	5	Si	-34.6	0.0	1.3	34.6

VERIFICA STABILITA` :

L0 = 155.  
 Z |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Y |Lc = 155. |Ro = 2.82 |lm = 55.0 |Ncr= 223764.3 |alfa(a)=0.2100 |ki=0.8383 |  
 Caso11- 1 - Nodo 1 - Asse Z  
 Ned = -1127.8 |Mzeq = 666.7 |Myeq = 0.0 |Ss = -51.6 ( 0.015)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 172- 169) 410  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 1	0.0	0.0	0.0	-949.8	0.0	19.9	
1- 1	0.0	0.0	0.0	-158.9	0.0	25.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si	1	Sx	-29.1	0.0	0.0	29.1
1- 1	si	13	Tz	-4.9	-0.9	0.0	5.1
1- 1	si	5	Ty	-4.9	0.0	-1.7	5.7
12- 1	si	5	Si	-29.1	0.0	-1.3	29.2

19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12- 1	336.6	0.0	0.0	-949.9	0.0	14.9	
1- 1	437.6	0.0	0.0	-159.0	0.0	19.4	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si	1	Sx	-34.3	0.0	0.0	34.3
1- 1	si	13	Tz	-11.6	-0.7	0.0	11.7
1- 1	si	5	Ty	-4.9	0.0	-1.3	5.4

12- 1	si 13	Si	-34.3	-0.5	0.0	34.3		
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SOLLECITAZIONI :  
----- PROGR. 39.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	577.0	0.0	0.0	-950.0	0.0	9.9
1- 1	750.1	0.0	0.0	-159.1	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-38.0	0.0	0.0	38.0
1- 1	si 13	Tz		-16.4	-0.5	0.0	16.5
1- 1	si 5	Ty		-4.9	0.0	-0.9	5.1
12- 1	si 13	Si		-38.0	-0.4	0.0	38.0

----- PROGR. 58.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	721.2	0.0	0.0	-950.1	0.0	5.0
1- 1	937.6	0.0	0.0	-159.2	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-40.2	0.0	0.0	40.2
1- 1	si 13	Tz		-19.3	-0.2	0.0	19.3
1- 1	si 5	Ty		-4.9	0.0	-0.4	4.9
12- 1	si 13	Si		-40.2	-0.2	0.0	40.2

----- PROGR. 77.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	769.3	0.0	0.0	-950.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-41.0	0.0	0.0	41.0

----- PROGR. 97.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	721.2	0.0	0.0	-950.3	0.0	-5.0
1- 1	937.6	0.0	0.0	-159.5	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-40.2	0.0	0.0	40.2
1- 1	si 13	Tz		-19.3	0.2	0.0	19.4
1- 1	si 5	Ty		-4.9	0.0	0.4	4.9
12- 1	si 13	Si		-40.2	0.2	0.0	40.2

----- PROGR. 116.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	577.0	0.0	0.0	-950.4	0.0	-9.9
1- 1	750.1	0.0	0.0	-159.6	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-38.0	0.0	0.0	38.0
1- 1	si 13	Tz		-16.5	0.5	0.0	16.5
1- 1	si 5	Ty		-4.9	0.0	0.9	5.1
12- 1	si 13	Si		-38.0	0.4	0.0	38.0

----- PROGR. 136.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	336.6	0.0	0.0	-950.5	0.0	-14.9
1- 1	437.6	0.0	0.0	-159.8	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-34.3	0.0	0.0	34.3
1- 1	si 13	Tz		-11.6	0.7	0.0	11.7
1- 1	si 5	Ty		-4.9	0.0	1.3	5.4
12- 1	si 13	Si		-34.3	0.5	0.0	34.3

----- PROGR. 155.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	0.0	0.0	0.0	-950.6	0.0	-19.9
1- 1	0.0	0.0	0.0	-159.9	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-29.1	0.0	0.0	29.1
1- 1	si 13	Tz		-4.9	0.9	0.0	5.2
1- 1	si 5	Ty		-4.9	0.0	1.7	5.8
12- 1	si 5	Si		-29.1	0.0	1.3	29.2

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VERIFICA STABILITA` :

Z |L0 = 155. |

Z |Lc = 155. |Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|

Y |Lc = 155. |Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|

Caso12- 1 - Nodo 1 - Asse Z

Ned = -950.6|Mzeq = 666.7|Myeq = 0.0|Ss = -45.1 ( 0.013)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 169- 160) 411

----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	0.0	0.0	0.0	-894.1	0.0	19.9
1- 1	0.0	0.0	0.0	-120.7	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 1	si 1	Sx		-27.4	0.0	0.0	27.4
1- 1	si 13	Tz		-3.7	-0.9	0.0	4.0
1- 1	si 5	Ty		-3.7	0.0	-1.7	4.8
12- 1	si 5	Si		-27.4	0.0	-1.3	27.5

----- PROGR. 19.

Caso	MZ	MY	MT	N	TZ	TY
12- 1	336.6	0.0	0.0	-894.2	0.0	14.9



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

1-1	437.6	0.0	0.0	-120.8	0.0	19.4
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TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-32.6	0.0	0.0	32.6
1-1	si	13	Tz	-10.4	-0.7	0.0	10.5
1-1	si	5	Ty	-3.7	0.0	-1.3	4.3
12-1	si	13	Si	-32.6	-0.5	0.0	32.6

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-1	577.0	0.0	0.0	-894.3	0.0	9.9
1-1	750.1	0.0	0.0	-121.0	0.0	12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-36.3	0.0	0.0	36.3
1-1	si	13	Tz	-15.3	-0.5	0.0	15.3
1-1	si	5	Ty	-3.7	0.0	-0.9	4.0
12-1	si	13	Si	-36.3	-0.4	0.0	36.3

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-1	721.2	0.0	0.0	-894.4	0.0	5.0
1-1	937.6	0.0	0.0	-121.1	0.0	6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-38.5	0.0	0.0	38.5
1-1	si	13	Tz	-18.2	-0.2	0.0	18.2
1-1	si	5	Ty	-3.7	0.0	-0.4	3.8
12-1	si	13	Si	-38.5	-0.2	0.0	38.5

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-1	769.3	0.0	0.0	-894.5	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-39.3	0.0	0.0	39.3

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-1	721.2	0.0	0.0	-894.6	0.0	-5.0
1-1	937.6	0.0	0.0	-121.3	0.0	-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-38.5	0.0	0.0	38.5
1-1	si	13	Tz	-18.2	0.2	0.0	18.2
1-1	si	5	Ty	-3.7	0.0	0.4	3.8
12-1	si	13	Si	-38.5	0.2	0.0	38.5

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-1	577.0	0.0	0.0	-894.7	0.0	-9.9
1-1	750.1	0.0	0.0	-121.5	0.0	-12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-36.3	0.0	0.0	36.3
1-1	si	13	Tz	-15.3	0.5	0.0	15.3
1-1	si	5	Ty	-3.7	0.0	0.9	4.0
12-1	si	13	Si	-36.3	0.4	0.0	36.3

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-1	336.6	0.0	0.0	-894.8	0.0	-14.9
1-1	437.6	0.0	0.0	-121.6	0.0	-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-32.6	0.0	0.0	32.6
1-1	si	13	Tz	-10.5	0.7	0.0	10.5
1-1	si	5	Ty	-3.7	0.0	1.3	4.4
12-1	si	13	Si	-32.6	0.5	0.0	32.6

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-1	0.0	0.0	0.0	-894.9	0.0	-19.9
1-1	0.0	0.0	0.0	-121.7	0.0	-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-1	si	1	Sx	-27.4	0.0	0.0	27.4
1-1	si	13	Tz	-3.7	0.9	0.0	4.1
1-1	si	5	Ty	-3.7	0.0	1.7	4.8
12-1	si	5	Si	-27.4	0.0	1.3	27.5

VERIFICA STABILITA` :

L0 = 155. |  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 12-1 - Nodo 1 - Asse Z  
 Ned = -894.9 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -43.0 ( 0.013 )

CASSONE_S002 ( 2 )	stato limite ultimo - ASTA ( 160- 157)	412
		0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-4	0.0	0.0	0.0	-519.3	0.0	19.9
1-1	0.0	0.0	0.0	-73.3	0.0	25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-4	si	1	Sx	-15.9	0.0	0.0	15.9
1-1	si	13	Tz	-2.2	-0.9	0.0	2.8

1- 1	si	5	Ty	-2.2	0.0	-1.7	3.8
12- 4	si	5	Si	-15.9	0.0	-1.3	16.1

-----  
PROGR. 19.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		336.6		0.0		0.0		-519.4		0.0		14.9
1- 1		437.6		0.0		0.0		-73.5		0.0		19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-21.1		0.0		0.0		21.1
1- 1	si	13	Tz	-9.0		-0.7		0.0		9.1
1- 1	si	5	Ty	-2.3		0.0		-1.3		3.2
12- 4	si	13	Si	-21.1		-0.5		0.0		21.1

-----  
PROGR. 39.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		577.0		0.0		0.0		-519.5		0.0		9.9
1- 1		750.1		0.0		0.0		-73.6		0.0		12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-24.8		0.0		0.0		24.8
1- 1	si	13	Tz	-13.8		-0.5		0.0		13.8
1- 1	si	5	Ty	-2.3		0.0		-0.9		2.7
12- 4	si	13	Si	-24.8		-0.4		0.0		24.8

-----  
PROGR. 58.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		721.2		0.0		0.0		-519.6		0.0		5.0
1- 1		937.6		0.0		0.0		-73.7		0.0		6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-27.0		0.0		0.0		27.0
1- 1	si	13	Tz	-16.7		-0.2		0.0		16.7
1- 1	si	5	Ty	-2.3		0.0		-0.4		2.4
12- 4	si	13	Si	-27.0		-0.2		0.0		27.0

-----  
PROGR. 77.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		769.3		0.0		0.0		-519.7		0.0		0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-27.8		0.0		0.0		27.8

-----  
PROGR. 97.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		721.2		0.0		0.0		-519.8		0.0		-5.0
1- 1		937.6		0.0		0.0		-74.0		0.0		-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-27.0		0.0		0.0		27.0
1- 1	si	13	Tz	-16.7		0.2		0.0		16.7
1- 1	si	5	Ty	-2.3		0.0		0.4		2.4
12- 4	si	13	Si	-27.0		0.2		0.0		27.1

-----  
PROGR. 116.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		577.0		0.0		0.0		-519.9		0.0		-9.9
1- 1		750.1		0.0		0.0		-74.1		0.0		-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-24.8		0.0		0.0		24.8
1- 1	si	13	Tz	-13.8		0.5		0.0		13.9
1- 1	si	5	Ty	-2.3		0.0		0.9		2.7
12- 4	si	13	Si	-24.8		0.4		0.0		24.8

-----  
PROGR. 136.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		336.6		0.0		0.0		-520.0		0.0		-14.9
1- 1		437.6		0.0		0.0		-74.3		0.0		-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-21.1		0.0		0.0		21.1
1- 1	si	13	Tz	-9.0		0.7		0.0		9.1
1- 1	si	5	Ty	-2.3		0.0		1.3		3.2
12- 4	si	13	Si	-21.1		0.5		0.0		21.1

-----  
PROGR. 155.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
12- 4		0.0		0.0		0.0		-520.1		0.0		-19.9
1- 1		0.0		0.0		0.0		-74.4		0.0		-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx		Tz		Ty		Si
12- 4	si	1	Sx	-15.9		0.0		0.0		15.9
1- 1	si	13	Tz	-2.3		0.9		0.0		2.8
1- 1	si	5	Ty	-2.3		0.0		1.7		3.8
12- 4	si	5	Si	-15.9		0.0		1.3		16.1

## VERIFICA STABILITA` :

L0 = 155.  
Z |Lc = 155.|Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
Y |Lc = 155.|Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
Casol2- 4 - Nodo 1 - Asse Z  
Ned = -520.1|Mzeq = 666.7|Myeq = 0.0|Ss = -29.3 ( 0.009)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 22- 185) 418  
-----  
PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ		MY		MT		N		TZ		TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11-10	0.0	0.0	0.0	-3193.2	0.0	19.9
1-1	0.0	0.0	0.0	-43.1	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-97.8	0.0	0.0	97.8
1-1	si	13	Tz	-1.3	-0.9	0.0	2.1
1-1	si	5	Ty	-1.3	0.0	-1.7	3.3
11-10	si	5	Si	-97.8	0.0	-1.3	97.9

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-3193.3	0.0	14.9
1-1	437.6	0.0	0.0	-43.3	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-103.0	0.0	0.0	103.0
1-1	si	13	Tz	-8.1	-0.7	0.0	8.2
1-1	si	5	Ty	-1.3	0.0	-1.3	2.6
11-10	si	13	Si	-103.0	-0.5	0.0	103.0

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-3193.4	0.0	9.9
1-1	750.1	0.0	0.0	-43.4	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-106.7	0.0	0.0	106.7
1-1	si	13	Tz	-12.9	-0.5	0.0	12.9
1-1	si	5	Ty	-1.3	0.0	-0.9	2.0
11-10	si	13	Si	-106.7	-0.4	0.0	106.7

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-3193.5	0.0	5.0
1-1	937.6	0.0	0.0	-43.5	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-109.0	0.0	0.0	109.0
1-1	si	13	Tz	-15.8	-0.2	0.0	15.8
1-1	si	5	Ty	-1.3	0.0	-0.4	1.5
11-10	si	13	Si	-109.0	-0.2	0.0	109.0

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	769.3	0.0	0.0	-3193.6	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-109.7	0.0	0.0	109.7

PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-3193.7	0.0	-5.0
1-1	937.6	0.0	0.0	-43.8	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-109.0	0.0	0.0	109.0
1-1	si	13	Tz	-15.8	0.2	0.0	15.8
1-1	si	5	Ty	-1.3	0.0	0.4	1.5
11-10	si	13	Si	-109.0	0.2	0.0	109.0

PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-3193.8	0.0	-9.9
1-1	750.1	0.0	0.0	-43.9	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-106.7	0.0	0.0	106.7
1-1	si	13	Tz	-12.9	0.5	0.0	12.9
1-1	si	5	Ty	-1.3	0.0	0.9	2.0
11-10	si	13	Si	-106.7	0.4	0.0	106.7

PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-3193.9	0.0	-14.9
1-1	437.6	0.0	0.0	-44.0	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-103.0	0.0	0.0	103.0
1-1	si	13	Tz	-8.1	0.7	0.0	8.2
1-1	si	5	Ty	-1.3	0.0	1.3	2.6
11-10	si	13	Si	-103.0	0.5	0.0	103.0

PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-3194.0	0.0	-19.9
1-1	0.0	0.0	0.0	-44.2	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-97.9	0.0	0.0	97.9
1-1	si	13	Tz	-1.4	0.9	0.0	2.1
1-1	si	5	Ty	-1.4	0.0	1.7	3.3
11-10	si	5	Si	-97.9	0.0	1.3	97.9

VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-10 - Nodo 1 - Asse Z

Ned = -3194.0 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -127.2 ( 0.038)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 185- 184) 419  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-3641.6	0.0	19.9
1- 1	0.0	0.0	0.0	-31.2	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-111.6	0.0	0.0	111.6
1- 1	si	13	Tz	-1.0	-0.9	0.0	1.9
1- 1	si	5	Ty	-1.0	0.0	-1.7	3.2
11-10	si	5	Si	-111.6	0.0	-1.3	111.6

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-3641.7	0.0	14.9
1- 1	437.6	0.0	0.0	-31.3	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-116.8	0.0	0.0	116.8
1- 1	si	13	Tz	-7.7	-0.7	0.0	7.8
1- 1	si	5	Ty	-1.0	0.0	-1.3	2.5
11-10	si	13	Si	-116.8	-0.5	0.0	116.8

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-3641.8	0.0	9.9
8- 2	750.1	0.0	0.0	37.5	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-120.5	0.0	0.0	120.5
8- 2	si	13	Tz	-10.4	-0.5	0.0	10.5
8- 2	si	5	Ty	1.1	0.0	-0.9	1.9
11-10	si	13	Si	-120.5	-0.4	0.0	120.5

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-3641.9	0.0	5.0
4- 2	937.6	0.0	0.0	9.8	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-122.7	0.0	0.0	122.7
4- 2	si	13	Tz	-14.2	-0.2	0.0	14.2
4- 2	si	5	Ty	0.3	0.0	-0.4	0.8
11-10	si	13	Si	-122.7	-0.2	0.0	122.7

----- PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	769.3	0.0	0.0	-3642.0	0.0	0.0
11-12	769.3	0.0	0.0	-3361.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-123.4	0.0	0.0	123.4
11-12	si	7	Tz	-114.9	0.0	0.0	114.9
11-12	si	9	Ty	-111.3	0.0	0.0	111.3

----- PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	721.2	0.0	0.0	-3642.1	0.0	-5.0
6- 1	937.6	0.0	0.0	-88.1	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-122.7	0.0	0.0	122.7
6- 1	si	13	Tz	-17.2	0.2	0.0	17.2
6- 1	si	5	Ty	-2.7	0.0	0.4	2.8
11-10	si	13	Si	-122.7	0.2	0.0	122.7

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	577.0	0.0	0.0	-3642.2	0.0	-9.9
2- 1	750.1	0.0	0.0	-46.9	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-120.5	0.0	0.0	120.5
2- 1	si	13	Tz	-13.0	0.5	0.0	13.0
2- 1	si	5	Ty	-1.4	0.0	0.9	2.1
11-10	si	13	Si	-120.5	0.4	0.0	120.5

----- PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	336.6	0.0	0.0	-3642.3	0.0	-14.9
2- 1	437.6	0.0	0.0	-47.0	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	1	Sx	-116.8	0.0	0.0	116.8
2- 1	si	13	Tz	-8.2	0.7	0.0	8.3
2- 1	si	5	Ty	-1.4	0.0	1.3	2.7
11-10	si	13	Si	-116.8	0.5	0.0	116.8

----- PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-10	0.0	0.0	0.0	-3642.4	0.0	-19.9
2- 1	0.0	0.0	0.0	-47.1	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-10	si	4	Sx	-111.6	0.0	0.0	111.6
2- 1	si	13	Tz	-1.4	0.9	0.0	2.2
2- 1	si	5	Ty	-1.4	0.0	1.7	3.3

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

| 11-10|si| 5|      Si|    -111.6|      0.0|      1.3|      111.6|

## VERIFICA STABILITA` :

L0 = 155.  
Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
Caso 11-10 - Nodo 1 - Asse Z  
Ned = -3642.4 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -143.6 ( 0.042)

CASSONE\_S002 ( 2 )      stato limite ultimo - ASTA ( 18- 190)      425  
-----  
PROGR.      0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1533.6	0.0	19.9
1- 1	0.0	0.0	0.0	-314.0	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-47.0	0.0	0.0	47.0
1- 1	si	13	Tz	-9.6	-0.9	0.0	9.8
1- 1	si	5	Ty	-9.6	0.0	-1.7	10.1
11- 1	si	5	Si	-47.0	0.0	-1.3	47.0

PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	336.6	0.0	0.0	-1533.7	0.0	14.9
1- 1	437.6	0.0	0.0	-314.1	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-52.2	0.0	0.0	52.2
1- 1	si	13	Tz	-16.4	-0.7	0.0	16.4
1- 1	si	5	Ty	-9.6	0.0	-1.3	9.9
11- 1	si	13	Si	-52.2	-0.5	0.0	52.2

PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	577.0	0.0	0.0	-1533.8	0.0	9.9
1- 1	750.1	0.0	0.0	-314.2	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-55.9	0.0	0.0	55.9
1- 1	si	13	Tz	-21.2	-0.5	0.0	21.2
1- 1	si	5	Ty	-9.6	0.0	-0.9	9.7
11- 1	si	13	Si	-55.9	-0.4	0.0	55.9

PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	721.2	0.0	0.0	-1533.9	0.0	5.0
1- 1	937.6	0.0	0.0	-314.4	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-58.1	0.0	0.0	58.1
1- 1	si	13	Tz	-24.1	-0.2	0.0	24.1
1- 1	si	5	Ty	-9.6	0.0	-0.4	9.7
11- 1	si	13	Si	-58.1	-0.2	0.0	58.1

PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	769.3	0.0	0.0	-1534.0	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-58.9	0.0	0.0	58.9

PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	721.2	0.0	0.0	-1534.1	0.0	-5.0
1- 1	937.6	0.0	0.0	-314.6	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-58.1	0.0	0.0	58.1
1- 1	si	13	Tz	-24.1	0.2	0.0	24.1
1- 1	si	5	Ty	-9.6	0.0	0.4	9.7
11- 1	si	13	Si	-58.1	0.2	0.0	58.1

PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	577.0	0.0	0.0	-1534.2	0.0	-9.9
1- 1	750.1	0.0	0.0	-314.8	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-55.9	0.0	0.0	55.9
1- 1	si	13	Tz	-21.2	0.5	0.0	21.2
1- 1	si	5	Ty	-9.6	0.0	0.9	9.8
11- 1	si	13	Si	-55.9	0.4	0.0	55.9

PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	336.6	0.0	0.0	-1534.3	0.0	-14.9
1- 1	437.6	0.0	0.0	-314.9	0.0	-19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-52.2	0.0	0.0	52.2
1- 1	si	13	Tz	-16.4	0.7	0.0	16.4
1- 1	si	5	Ty	-9.6	0.0	1.3	9.9
11- 1	si	13	Si	-52.2	0.5	0.0	52.2

PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1534.4	0.0	-19.9

1-1		0.0	0.0	0.0	-315.0	0.0	-25.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-47.0	0.0	0.0	47.0
1-1	si	13	Tz	-9.7	0.9	0.0	9.8
1-1	si	5	Ty	-9.7	0.0	1.7	10.1
11-1	si	5	Si	-47.0	0.0	1.3	47.1

-----  
 VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr= 223764.3 | alfa(a)=0.2100 | ki=0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr= 223764.3 | alfa(a)=0.2100 | ki=0.8383 |  
 Casol1- 1 - Nodo 1 - Asse Z  
 Ned = -1534.4 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -66.4 ( 0.020)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 190- 191) 426  
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 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	0.0	0.0	0.0	-1432.5	0.0	19.9
1-1	0.0	0.0	0.0	-290.3	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-43.9	0.0	0.0	43.9
1-1	si	13	Tz	-8.9	-0.9	0.0	9.0
1-1	si	5	Ty	-8.9	0.0	-1.7	9.4
11-1	si	5	Si	-43.9	0.0	-1.3	44.0

-----  
 PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	336.6	0.0	0.0	-1432.6	0.0	14.9
1-1	437.6	0.0	0.0	-290.4	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-49.1	0.0	0.0	49.1
1-1	si	13	Tz	-15.6	-0.7	0.0	15.7
1-1	si	5	Ty	-8.9	0.0	-1.3	9.2
11-1	si	13	Si	-49.1	-0.5	0.0	49.1

-----  
 PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	577.0	0.0	0.0	-1432.7	0.0	9.9
1-1	750.1	0.0	0.0	-290.5	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-52.8	0.0	0.0	52.8
1-1	si	13	Tz	-20.5	-0.5	0.0	20.5
1-1	si	5	Ty	-8.9	0.0	-0.9	9.0
11-1	si	13	Si	-52.8	-0.4	0.0	52.8

-----  
 PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	721.2	0.0	0.0	-1432.8	0.0	5.0
1-1	937.6	0.0	0.0	-290.7	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-55.0	0.0	0.0	55.0
1-1	si	13	Tz	-23.4	-0.2	0.0	23.4
1-1	si	5	Ty	-8.9	0.0	-0.4	8.9
11-1	si	13	Si	-55.0	-0.2	0.0	55.0

-----  
 PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	769.3	0.0	0.0	-1432.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-55.8	0.0	0.0	55.8

-----  
 PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	721.2	0.0	0.0	-1433.0	0.0	-5.0
1-1	937.6	0.0	0.0	-290.9	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-55.0	0.0	0.0	55.0
1-1	si	13	Tz	-23.4	0.2	0.0	23.4
1-1	si	5	Ty	-8.9	0.0	0.4	8.9
11-1	si	13	Si	-55.0	0.2	0.0	55.0

-----  
 PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	577.0	0.0	0.0	-1433.1	0.0	-9.9
1-1	750.1	0.0	0.0	-291.1	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-52.8	0.0	0.0	52.8
1-1	si	13	Tz	-20.5	0.5	0.0	20.5
1-1	si	5	Ty	-8.9	0.0	0.9	9.0
11-1	si	13	Si	-52.8	0.4	0.0	52.8

-----  
 PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-1	336.6	0.0	0.0	-1433.2	0.0	-14.9
1-1	437.6	0.0	0.0	-291.2	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-1	si	1	Sx	-49.1	0.0	0.0	49.1
1-1	si	13	Tz	-15.7	0.7	0.0	15.7

1- 1	si	5	Ty	-8.9	0.0	1.3	9.2
11- 1	si	13	Si	-49.1	0.5	0.0	49.1

-----  
 PROGR. 155.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 1	0.0	0.0	0.0	-1433.3	0.0	-19.9
1- 1	0.0	0.0	0.0	-291.3	0.0	-25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	1	Sx	-43.9	0.0	0.0	43.9
1- 1	si	13	Tz	-8.9	0.9	0.0	9.1
1- 1	si	5	Ty	-8.9	0.0	1.7	9.4
11- 1	si	5	Si	-43.9	0.0	1.3	44.0

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11- 1 - Nodo 1 - Asse Z  
 Ned = -1433.3 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -62.7 ( 0.019)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 21- 193) 427

-----  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3313.7	0.0	19.9
1- 1	0.0	0.0	0.0	-394.7	0.0	25.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-101.5	0.0	0.0	101.5
1- 1	si	13	Tz	-12.1	-0.9	0.0	12.2
1- 1	si	5	Ty	-12.1	0.0	-1.7	12.5
11- 5	si	5	Si	-101.5	0.0	-1.3	101.5

-----  
 PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.6	0.0	0.0	-3313.8	0.0	14.9
1- 1	437.6	0.0	0.0	-394.8	0.0	19.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-106.7	0.0	0.0	106.7
1- 1	si	13	Tz	-18.8	-0.7	0.0	18.9
1- 1	si	5	Ty	-12.1	0.0	-1.3	12.3
11- 5	si	13	Si	-106.7	-0.5	0.0	106.7

-----  
 PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	577.0	0.0	0.0	-3313.9	0.0	9.9
1- 1	750.1	0.0	0.0	-395.0	0.0	12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-110.4	0.0	0.0	110.4
1- 1	si	13	Tz	-23.7	-0.5	0.0	23.7
1- 1	si	5	Ty	-12.1	0.0	-0.9	12.2
11- 5	si	13	Si	-110.4	-0.4	0.0	110.4

-----  
 PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-3314.0	0.0	5.0
1- 1	937.6	0.0	0.0	-395.1	0.0	6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-112.7	0.0	0.0	112.7
1- 1	si	13	Tz	-26.6	-0.2	0.0	26.6
1- 1	si	5	Ty	-12.1	0.0	-0.4	12.1
11- 5	si	13	Si	-112.7	-0.2	0.0	112.7

-----  
 PROGR. 78.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.3	0.0	0.0	-3314.1	0.0	0.0
1- 1	937.6	0.0	0.0	-395.1	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-113.4	0.0	0.0	113.4
1- 1	si	13	Tz	-23.7	0.5	0.0	23.7
1- 1	si	5	Ty	-12.1	0.0	0.9	12.2
11- 5	si	13	Si	-110.4	0.4	0.0	110.4

-----  
 PROGR. 97.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-3314.2	0.0	-5.0
1- 1	937.6	0.0	0.0	-395.4	0.0	-6.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-112.7	0.0	0.0	112.7
1- 1	si	13	Tz	-26.6	0.2	0.0	26.6
1- 1	si	5	Ty	-12.1	0.0	0.4	12.1
11- 5	si	13	Si	-112.7	0.2	0.0	112.7

-----  
 PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	577.0	0.0	0.0	-3314.3	0.0	-9.9
1- 1	750.1	0.0	0.0	-395.5	0.0	-12.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-110.4	0.0	0.0	110.4
1- 1	si	13	Tz	-23.7	0.5	0.0	23.7
1- 1	si	5	Ty	-12.1	0.0	0.9	12.2
11- 5	si	13	Si	-110.4	0.4	0.0	110.4

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 PROGR. 136.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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11- 5	336.6	0.0	0.0	-3314.4	0.0	-14.9
1- 1	437.6	0.0	0.0	-395.6	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-106.7	0.0	0.0	106.7
1- 1	si	13	Tz	-18.9	0.7	0.0	18.9
1- 1	si	5	Ty	-12.1	0.0	1.3	12.3
11- 5	si	13	Si	-106.7	0.5	0.0	106.7

PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3314.5	0.0	-19.9
1- 1	0.0	0.0	0.0	-395.8	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-101.5	0.0	0.0	101.5
1- 1	si	13	Tz	-12.1	0.9	0.0	12.2
1- 1	si	5	Ty	-12.1	0.0	1.7	12.5
11- 5	si	5	Si	-101.5	0.0	1.3	101.6

VERIFICA STABILITA` :

L0 = 155. |  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383 |  
 Caso 11- 5 - Nodo 1 - Asse Z  
 Ned = -3314.5 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -131.6 ( 0.039 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 193- 192 ) 428  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3850.4	0.0	19.9
1- 1	0.0	0.0	0.0	-435.0	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-118.0	0.0	0.0	118.0
1- 1	si	13	Tz	-13.3	-0.9	0.0	13.4
1- 1	si	5	Ty	-13.3	0.0	-1.7	13.7
11- 5	si	5	Si	-118.0	0.0	-1.3	118.0

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.6	0.0	0.0	-3850.5	0.0	14.9
1- 1	437.6	0.0	0.0	-435.2	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-123.2	0.0	0.0	123.2
1- 1	si	13	Tz	-20.1	-0.7	0.0	20.1
1- 1	si	5	Ty	-13.3	0.0	-1.3	13.5
11- 5	si	13	Si	-123.2	-0.5	0.0	123.2

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	577.0	0.0	0.0	-3850.6	0.0	9.9
1- 1	750.1	0.0	0.0	-435.3	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-126.9	0.0	0.0	126.9
1- 1	si	13	Tz	-24.9	-0.5	0.0	24.9
1- 1	si	5	Ty	-13.3	0.0	-0.9	13.4
11- 5	si	13	Si	-126.9	-0.4	0.0	126.9

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-3850.7	0.0	5.0
1- 1	937.6	0.0	0.0	-435.4	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-129.1	0.0	0.0	129.1
1- 1	si	13	Tz	-27.8	-0.2	0.0	27.8
1- 1	si	5	Ty	-13.3	0.0	-0.4	13.4
11- 5	si	13	Si	-129.1	-0.2	0.0	129.1

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.3	0.0	0.0	-3850.8	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-129.8	0.0	0.0	129.8

PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-3850.9	0.0	-5.0
1- 1	937.6	0.0	0.0	-435.7	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-129.1	0.0	0.0	129.1
1- 1	si	13	Tz	-27.8	0.2	0.0	27.8
1- 1	si	5	Ty	-13.3	0.0	0.4	13.4
11- 5	si	13	Si	-129.1	0.2	0.0	129.1

PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	577.0	0.0	0.0	-3851.0	0.0	-9.9
1- 1	750.1	0.0	0.0	-435.8	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-126.9	0.0	0.0	126.9



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

1- 1	si 13	Tz	-24.9	0.5	0.0	24.9
1- 1	si 5	Ty	-13.4	0.0	0.9	13.4
11- 5	si 13	Si	-126.9	0.4	0.0	126.9

PROGR.

136.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.6	0.0	0.0	-3851.1	0.0	-14.9
1- 1	437.6	0.0	0.0	-436.0	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-123.2	0.0	0.0	123.2
1- 1	si	13	Tz	-20.1	0.7	0.0	20.1
1- 1	si	5	Ty	-13.4	0.0	1.3	13.5
11- 5	si	13	Si	-123.2	0.5	0.0	123.2

PROGR.

155.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-3851.2	0.0	-19.9
1- 1	0.0	0.0	0.0	-436.1	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-118.0	0.0	0.0	118.0
1- 1	si	13	Tz	-13.4	0.9	0.0	13.5
1- 1	si	5	Ty	-13.4	0.0	1.7	13.7
11- 5	si	5	Si	-118.0	0.0	1.3	118.0

## VERIFICA STABILITA`

L0 = 155.  
 Z Lc = 155. |Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
 Y Lc = 155. |Ro = 2.82|lm = 55.0|Ncr= 223764.3|alfa(a)=0.2100|ki=0.8383|  
 Caso11- 5 - Nodo 1 - Asse Z  
 Ned = -3851.2|Mzeq = 666.7|Myeq = 0.0|Ss = -151.2 ( 0.045)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 192- 183) 429  
 PROGR. 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-4374.3	0.0	19.9
1- 1	0.0	0.0	0.0	-478.6	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-134.0	0.0	0.0	134.0
1- 1	si	13	Tz	-14.7	-0.9	0.0	14.8
1- 1	si	5	Ty	-14.7	0.0	-1.7	15.0
11- 5	si	5	Si	-134.0	0.0	-1.3	134.0

PROGR.

19.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.6	0.0	0.0	-4374.4	0.0	14.9
1- 1	437.6	0.0	0.0	-478.7	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-139.2	0.0	0.0	139.2
1- 1	si	13	Tz	-21.4	-0.7	0.0	21.4
1- 1	si	5	Ty	-14.7	0.0	-1.3	14.8
11- 5	si	13	Si	-139.2	-0.5	0.0	139.2

PROGR.

39.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	577.0	0.0	0.0	-4374.5	0.0	9.9
1- 1	750.1	0.0	0.0	-478.8	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-142.9	0.0	0.0	142.9
1- 1	si	13	Tz	-26.2	-0.5	0.0	26.2
1- 1	si	5	Ty	-14.7	0.0	-0.9	14.7
11- 5	si	13	Si	-142.9	-0.4	0.0	142.9

PROGR.

58.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-4374.6	0.0	5.0
1- 1	937.6	0.0	0.0	-478.9	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-145.1	0.0	0.0	145.1
1- 1	si	13	Tz	-29.1	-0.2	0.0	29.1
1- 1	si	5	Ty	-14.7	0.0	-0.4	14.7
11- 5	si	13	Si	-145.1	-0.2	0.0	145.1

PROGR.

78.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.3	0.0	0.0	-4374.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-145.9	0.0	0.0	145.9

PROGR.

97.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-4374.8	0.0	-5.0
1- 1	937.6	0.0	0.0	-479.2	0.0	-6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-145.2	0.0	0.0	145.2
1- 1	si	13	Tz	-29.1	0.2	0.0	29.1
1- 1	si	5	Ty	-14.7	0.0	0.4	14.7
11- 5	si	13	Si	-145.2	0.2	0.0	145.2

PROGR.

116.

Caso	MZ	MY	MT	N	TZ	TY
11- 5	577.0	0.0	0.0	-4374.9	0.0	-9.9
1- 1	750.1	0.0	0.0	-479.3	0.0	-12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-142.9	0.0	0.0	142.9
1- 1	si	13	Tz	-26.3	0.5	0.0	26.3
1- 1	si	5	Ty	-14.7	0.0	0.9	14.8
11- 5	si	13	Si	-142.9	0.4	0.0	142.9

----- PROGR. 136.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.6	0.0	0.0	-4375.0	0.0	-14.9
1- 1	437.6	0.0	0.0	-479.5	0.0	-19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-139.2	0.0	0.0	139.2
1- 1	si	13	Tz	-21.4	0.7	0.0	21.5
1- 1	si	5	Ty	-14.7	0.0	1.3	14.9
11- 5	si	13	Si	-139.2	0.5	0.0	139.2

----- PROGR. 155.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-4375.1	0.0	-19.9
1- 1	0.0	0.0	0.0	-479.6	0.0	-25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-134.0	0.0	0.0	134.0
1- 1	si	13	Tz	-14.7	0.9	0.0	14.8
1- 1	si	5	Ty	-14.7	0.0	1.7	15.0
11- 5	si	5	Si	-134.0	0.0	1.3	134.1

VERIFICA STABILITA' :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11- 5 - Nodo 1 - Asse Z  
 Ned = -4375.1 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -170.4 ( 0.050)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 183- 182) 430  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	0.0	0.0	0.0	-4835.4	0.0	19.9
8- 2	0.0	0.0	0.0	-392.5	0.0	25.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	-148.1	0.0	0.0	148.1
8- 2	si	14	Tz	-12.0	0.9	0.0	12.1
8- 2	si	5	Ty	-12.0	0.0	-1.7	12.4
11- 5	si	5	Si	-148.1	0.0	-1.3	148.2

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	336.6	0.0	0.0	-4835.5	0.0	14.9
8- 2	437.6	0.0	0.0	-392.6	0.0	19.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-153.3	0.0	0.0	153.3
8- 2	si	14	Tz	-5.3	0.7	0.0	5.4
8- 2	si	5	Ty	-12.0	0.0	-1.3	12.2
11- 5	si	15	Si	-153.3	0.5	0.0	153.3

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	577.0	0.0	0.0	-4835.6	0.0	9.9
8- 2	750.1	0.0	0.0	-392.7	0.0	12.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-157.0	0.0	0.0	157.0
8- 2	si	14	Tz	-0.5	0.5	0.0	0.9
8- 2	si	5	Ty	-12.0	0.0	-0.9	12.1
11- 5	si	15	Si	-157.0	0.4	0.0	157.0

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-4835.7	0.0	5.0
8- 2	937.6	0.0	0.0	-392.9	0.0	6.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-159.3	0.0	0.0	159.3
8- 2	si	14	Tz	2.4	0.2	0.0	2.5
8- 2	si	5	Ty	-12.0	0.0	-0.4	12.1
11- 5	si	15	Si	-159.3	0.2	0.0	159.3

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	769.3	0.0	0.0	-4835.8	0.0	0.0
11-12	769.3	0.0	0.0	4420.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-160.0	0.0	0.0	160.0
11-12	si	7	Tz	123.6	0.0	0.0	123.6
11-12	si	9	Ty	127.1	0.0	0.0	127.1

----- PROGR. 97.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	721.2	0.0	0.0	-4835.9	0.0	-5.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	937.6	0.0	0.0	-845.2	0.0	-6.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-159.3	0.0	0.0
6-1	si	13	Tz	-40.4	0.2	0.0
6-1	si	5	Ty	-25.9	0.0	0.4
11-5	si	15	Si	-159.3	-0.2	0.0
----- PROGR. 116.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	577.0	0.0	0.0	-4836.0	0.0	-9.9
6-1	750.1	0.0	0.0	-845.3	0.0	-12.9

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-157.1	0.0	0.0
6-1	si	13	Tz	-37.5	0.5	0.0
6-1	si	5	Ty	-25.9	0.0	0.9
11-5	si	15	Si	-157.1	-0.4	0.0
----- PROGR. 136.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	336.6	0.0	0.0	-4836.1	0.0	-14.9
6-1	437.6	0.0	0.0	-845.4	0.0	-19.4

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-153.4	0.0	0.0
6-1	si	13	Tz	-32.6	0.7	0.0
6-1	si	5	Ty	-25.9	0.0	1.3
11-5	si	15	Si	-153.4	-0.5	0.0
----- PROGR. 155.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	0.0	0.0	0.0	-4836.2	0.0	-19.9
6-1	0.0	0.0	0.0	-845.5	0.0	-25.8

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	3	Sx	-148.2	0.0	0.0
6-1	si	13	Tz	-25.9	0.9	0.0
6-1	si	5	Ty	-25.9	0.0	1.7
11-5	si	6	Si	-148.2	0.0	1.3

## VERIFICA STABILITA` :

L0 = 155.  
 Z Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11-5 - Nodo 2 - Asse Z  
 Ned = -4836.2 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -187.2 ( 0.055)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 182- 171) 431  
 ----- PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	0.0	0.0	0.0	-5171.6	0.0	19.9
6-1	0.0	0.0	0.0	-903.4	0.0	25.8

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	1	Sx	-158.4	0.0	0.0
6-1	si	13	Tz	-27.7	-0.9	0.0
6-1	si	5	Ty	-27.7	0.0	-1.7
11-5	si	5	Si	-158.4	0.0	-1.3
----- PROGR. 19.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	336.6	0.0	0.0	-5171.7	0.0	14.9
6-1	437.6	0.0	0.0	-903.5	0.0	19.4

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-163.6	0.0	0.0
6-1	si	13	Tz	-34.4	-0.7	0.0
6-1	si	5	Ty	-27.7	0.0	-1.3
11-5	si	15	Si	-163.6	0.5	0.0
----- PROGR. 39.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	577.0	0.0	0.0	-5171.8	0.0	9.9
6-1	750.1	0.0	0.0	-903.7	0.0	12.9

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-167.3	0.0	0.0
6-1	si	13	Tz	-39.3	-0.5	0.0
6-1	si	5	Ty	-27.7	0.0	-0.9
11-5	si	15	Si	-167.3	0.4	0.0
----- PROGR. 58.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	721.2	0.0	0.0	-5171.9	0.0	5.0
6-1	937.6	0.0	0.0	-903.8	0.0	6.5

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	2	Sx	-169.6	0.0	0.0
6-1	si	13	Tz	-42.1	-0.2	0.0
6-1	si	5	Ty	-27.7	0.0	-0.4
11-5	si	15	Si	-169.6	0.2	0.0
----- PROGR. 78.						

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
11-5	769.3	0.0	0.0	-5172.0	0.0	0.0
6-1	1000.1	0.0	0.0	-903.9	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-170.3	0.0	0.0	170.3
6- 1	si	13	Tz	-43.1	0.0	0.0	43.1
6- 1	si	5	Ty	-27.7	0.0	0.0	27.7

PROGR. 97.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	721.2	0.0	0.0	-5172.1	0.0		-5.0
8- 2	937.6	0.0	0.0	-428.4	0.0		-6.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-169.6	0.0	0.0	169.6
8- 2	si	14	Tz	1.3	-0.2	0.0	1.4
8- 2	si	5	Ty	-13.1	0.0	0.4	13.1
11- 5	si	15	Si	-169.6	-0.2	0.0	169.6

PROGR. 116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	577.0	0.0	0.0	-5172.2	0.0		-9.9
8- 2	750.1	0.0	0.0	-428.5	0.0		-12.9

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-167.4	0.0	0.0	167.4
8- 2	si	14	Tz	-1.6	-0.5	0.0	1.8
8- 2	si	5	Ty	-13.1	0.0	0.9	13.2
11- 5	si	15	Si	-167.4	-0.4	0.0	167.4

PROGR. 136.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	336.6	0.0	0.0	-5172.3	0.0		-14.9
8- 2	437.6	0.0	0.0	-428.6	0.0		-19.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-163.7	0.0	0.0	163.7
8- 2	si	14	Tz	-6.4	-0.7	0.0	6.5
8- 2	si	5	Ty	-13.1	0.0	1.3	13.3
11- 5	si	15	Si	-163.7	-0.5	0.0	163.7

PROGR. 155.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	0.0	0.0	0.0	-5172.4	0.0		-19.9
8- 2	0.0	0.0	0.0	-428.7	0.0		-25.8

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-158.5	0.0	0.0	158.5
8- 2	si	14	Tz	-13.1	-0.9	0.0	13.2
8- 2	si	5	Ty	-13.1	0.0	1.7	13.5
11- 5	si	6	Si	-158.5	0.0	1.3	158.5

## VERIFICA STABILITA` :

L0 = 155.  
 Z | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Y | Lc = 155. | Ro = 2.82 | lm = 55.0 | Ncr = 223764.3 | alfa(a) = 0.2100 | ki = 0.8383  
 Caso 11- 5 - Nodo 2 - Asse Z  
 Ned = -5172.4 | Mzeq = 666.7 | Myeq = 0.0 | Ss = -199.6 ( 0.059)

VERIFICA ELEMENTI IN ACCIAIO

lavoro : PCCVE5

Unità di misura:  
 Lunghezze: cm  
 Prop.Sez.: cm  
 Forze: daN  
 Momenti: daNcm  
 Tensioni: daN/cm2

## MATERIALI

S355 (EN 10025-2): Mod.El. = 2100000.0; gM = 1.050;  
 fyk = 3550.0(3350.0 per sp>40 mm); fyd = 3381.0(3190.5 per sp>40 mm).

## CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	1
4	SLU VENTOX 1	2
5	SLU VENTOX 2	1
6	SLU VENTOX 2	2
7	SLU VENTOX 3	1
8	SLU VENTOX 3	2
11	SLU con SISMAX PRINC	16
12	SLU con SISMAX PRINC	16

## CARATTERISTICHE GEOMETRICHE

CASSONE\_S005 ( 5) :  
 A = 90.2400E+00 Jz = 7.4109E+03 Jy = 3.2639E+03 Jt = 6.8855E+03  
 base = 15. ; alt = 25. ; spsup = 1. ; spsx = 1. ; spdx = 1. ; spinf = 1.

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 81- 164) 68  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-66641.2	0.0	-17843.9	26.1	62.4		3683.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	112.7	0.0	22.6	119.3
6- 1	si	14	Tz	-112.1	61.6	0.0	154.7

6-1	si	5	Ty	Si	0.3	0.0	-98.7	171.0	
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7.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
6-1			-41318.6	-434.1	-17843.9	26.1	62.4	3600.7	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	71.0	0.0	22.6	81.1	
6-1	si	14	Tz	-70.2	60.7	0.0	126.5	
6-1	si	5	Ty	-0.7	0.0	-97.0	168.0	
6-1	si	6	Si	1.3	0.0	-97.0	168.0	

14.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11-2			-5117.4	-18078.4	-1138.6	544.1	1300.1	860.7	
6-1			-16571.8	-868.3	-17843.9	26.1	62.4	3517.9	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-2	si	2	Sx	56.2	0.0	1.4	56.3	
6-1	si	14	Tz	-29.3	59.9	0.0	107.8	
6-1	si	5	Ty	-1.7	0.0	-95.3	165.1	
6-1	si	6	Si	2.3	0.0	-95.3	165.1	

21.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11-2			964.5	-27117.6	-1138.6	544.1	1300.1	842.9	
6-1			7599.5	-1302.4	-17843.9	26.1	62.4	3435.1	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-2	si	3	Sx	70.0	0.0	1.4	70.0	
6-1	si	14	Tz	10.6	59.0	0.0	102.8	
6-1	si	5	Ty	-2.7	0.0	-93.6	162.1	
6-1	si	6	Si	3.3	0.0	-93.6	162.2	

28.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11-2			6743.3	-36156.8	-1138.6	544.1	1300.1	825.0	
6-1			31195.0	-1736.6	-17843.9	26.1	62.4	3352.3	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-2	si	3	Sx	100.5	0.0	1.4	100.5	
6-1	si	14	Tz	49.6	58.2	0.0	112.3	
6-1	si	5	Ty	-3.7	0.0	-91.9	159.2	
6-1	si	6	Si	4.3	0.0	-91.9	159.2	

35.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11-2			12410.4	-45195.9	-1138.6	544.1	1300.1	807.2	
6-1			54214.9	-2170.7	-17843.9	26.1	62.4	3269.5	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-2	si	3	Sx	130.8	0.0	1.4	130.8	
6-1	si	14	Tz	87.5	57.4	0.0	132.4	
6-1	si	5	Ty	-4.7	0.0	-90.2	156.3	
6-1	si	6	Si	5.3	0.0	-90.2	156.3	

42.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11-2			17956.7	-54235.1	-1138.6	544.1	1300.1	789.3	
6-1			76659.1	-2604.9	-17843.9	26.1	62.4	3186.7	
11-15			18253.7	53032.8	-8685.1	-531.5	-1271.3	762.6	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-2	si	3	Sx	160.9	0.0	1.4	161.0	
6-1	si	14	Tz	124.6	56.5	0.0	158.4	
6-1	si	5	Ty	-5.7	0.0	-88.5	153.3	
11-15	si	10	Si	-155.6	0.0	32.2	165.3	

49.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11-2			23380.3	-63274.3	-1138.6	544.1	1300.1	771.4	
6-1			98527.7	-3039.0	-17843.9	26.1	62.4	3103.9	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-2	si	3	Sx	190.9	0.0	1.4	190.9	
6-1	si	14	Tz	160.6	55.7	0.0	187.3	
6-1	si	5	Ty	-6.7	0.0	-86.8	150.4	
6-1	si	16	Si	172.3	-52.4	0.0	194.8	

56.

## SOLLECITAZIONI :

Caso			MZ	MY	MT	N	TZ	TY	
11-2			28680.5	-72313.5	-1138.6	544.1	1300.1	753.6	
6-1			119820.6	-3473.2	-17843.9	26.1	62.4	3021.1	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-2	si	3	Sx	220.6	0.0	1.4	220.6	
6-1	si	14	Tz	195.7	54.8	0.0	217.5	
6-1	si	5	Ty	-7.7	0.0	-85.0	147.5	
6-1	si	16	Si	209.1	-51.5	0.0	227.4	

## VERIFICA STABILITA` :

L0 = 56.  
 Z | Lc = 56. | Ro = 9.06 | lm = 6.1 | Ncr = 49647779.7 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 56. | Ro = 6.01 | lm = 9.2 | Ncr = 21865606.7 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 11-15 - Nodo 2 - Asse Y  
 Ned = -531.5 | Mzeq = 21459.6 | Myeq = 53032.8 | Ss = -164.0 ( 0.048)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 83- 165) 69

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

----- SOLLECITAZIONI : 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	-127202.9	0.0	99878.7	12.9	50.9	3861.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	214.7	0.0	126.7	307.0
6-1	si	14	Tz	-214.4	167.1	0.0	360.2
6-1	si	5	Ty	0.1	0.0	-206.5	357.6
6-1	si	15	Si	214.7	167.1	0.0	360.4

----- SOLLECITAZIONI : 9.

Caso	MZ	MY	MT	N	TZ	TY
6-1	-91766.8	-473.9	99878.7	12.9	50.9	3750.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	156.0	0.0	126.7	269.3
6-1	si	14	Tz	-155.6	166.0	0.0	326.9
6-1	si	5	Ty	-0.9	0.0	-204.2	353.7
6-1	si	6	Si	1.2	0.0	-204.2	353.7

----- SOLLECITAZIONI : 19.

Caso	MZ	MY	MT	N	TZ	TY
6-1	-57362.9	-947.8	99878.7	12.9	50.9	3639.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	99.1	0.0	126.7	240.8
6-1	si	14	Tz	-98.4	164.9	0.0	302.1
6-1	si	5	Ty	-2.0	0.0	-201.9	349.7
6-1	si	6	Si	2.3	0.0	-201.9	349.7

----- SOLLECITAZIONI : 28.

Caso	MZ	MY	MT	N	TZ	TY
11-15	-8784.5	18098.0	23795.9	-608.1	-648.0	870.0
6-1	-23991.2	-1421.7	99878.7	12.9	50.9	3529.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	-63.1	0.0	30.2	82.0
6-1	si	14	Tz	-43.1	163.8	0.0	286.9
6-1	si	5	Ty	-3.1	0.0	-199.6	345.8
6-1	si	6	Si	3.4	0.0	-199.6	345.8

----- SOLLECITAZIONI : 37.

Caso	MZ	MY	MT	N	TZ	TY
11-2	1364.9	-25013.7	26584.6	615.0	671.7	826.5
6-1	8348.3	-1895.6	99878.7	12.9	50.9	3418.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	3	Sx	66.6	0.0	33.7	88.6
6-1	si	14	Tz	10.6	162.6	0.0	281.9
6-1	si	5	Ty	-4.2	0.0	-197.3	341.8
6-1	si	6	Si	4.5	0.0	-197.3	341.8

----- SOLLECITAZIONI : 47.

Caso	MZ	MY	MT	N	TZ	TY
11-2	8889.9	-31267.1	26584.6	615.0	671.7	802.6
6-1	39655.7	-2369.5	99878.7	12.9	50.9	3307.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	3	Sx	93.7	0.0	33.7	110.4
6-1	si	14	Tz	62.5	161.5	0.0	286.6
6-1	si	5	Ty	-5.3	0.0	-195.0	337.8
6-1	si	6	Si	5.6	0.0	-195.0	337.9

----- SOLLECITAZIONI : 56.

Caso	MZ	MY	MT	N	TZ	TY
6-1	69930.9	-2843.5	99878.7	12.9	50.9	3196.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	124.6	0.0	126.7	252.4
6-1	si	14	Tz	112.6	160.4	0.0	299.8
6-1	si	5	Ty	-6.4	0.0	-192.7	333.9
6-1	si	6	Si	6.7	0.0	-192.7	333.9

----- SOLLECITAZIONI : 65.

Caso	MZ	MY	MT	N	TZ	TY
6-1	99173.9	-3317.4	99878.7	12.9	50.9	3085.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	175.0	0.0	126.7	280.7
6-1	si	14	Tz	161.0	159.3	0.0	319.4
6-1	si	5	Ty	-7.5	0.0	-190.5	330.0
6-1	si	6	Si	7.8	0.0	-190.5	330.0

----- SOLLECITAZIONI : 74.

Caso	MZ	MY	MT	N	TZ	TY
6-1	127384.7	-3791.3	99878.7	12.9	50.9	2974.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	223.7	0.0	126.7	313.4
6-1	si	14	Tz	207.7	158.1	0.0	343.7
6-1	si	5	Ty	-8.6	0.0	-188.2	326.0
6-1	si	16	Si	222.3	-155.5	0.0	349.2

----- VERIFICA STABILITA` :

L0 =	74.						
Z	Lc = 74.	Ro = 9.06	lm = 8.2	Ncr = 27688992.8	alfa(a) = 0.2100	ki = 1.0000	
Y	Lc = 74.	Ro = 6.01	lm = 12.4	Ncr = 12194636.5	alfa(a) = 0.2100	ki = 1.0000	

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Cas011-15 - Nodo 3 - Asse Y

Ned = -608.1|Mzeq = -25276.6|Myeq = 36196.0|Ss = -132.6 ( 0.039)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 85- 175) 70  
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	-6592.4	0.0	39298.8	162.6	-364.9	711.2
6-1	-7282.0	0.0	142207.5	-11.3	34.0	2589.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	1	Sx	12.9	0.0	49.9	87.3
6-1	si	14	Tz	-12.4	207.5	0.0	359.6
6-1	si	5	TySi	-0.1	0.0	-233.9	405.1

----- PROGR. 12.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	22120.1	-396.8	142207.5	-11.3	34.0	2450.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-38.3	0.0	180.4	314.8
6-1	si	14	Tz	36.4	206.1	0.0	358.8
6-1	si	5	TySi	-1.0	0.0	-231.0	400.2

----- PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	49901.1	-793.6	142207.5	-11.3	34.0	2311.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-86.1	0.0	180.4	324.1
6-1	si	14	Tz	82.5	204.7	0.0	364.0
6-1	si	5	TySi	-1.9	0.0	-228.2	395.2

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	76061.0	-1190.4	142207.5	-11.3	34.0	2172.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-131.2	0.0	180.4	338.9
6-1	si	14	Tz	125.9	203.3	0.0	373.9
6-1	si	5	TySi	-2.9	0.0	-225.3	390.2

----- PROGR. 47.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	100599.9	-1587.2	142207.5	-11.3	34.0	2033.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-173.5	0.0	180.4	357.4
6-1	si	14	Tz	166.5	201.9	0.0	387.3
6-1	si	5	Ty	-3.8	0.0	-222.4	385.3
6-1	si	15	Si	-166.7	201.9	0.0	387.4

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	123517.8	-1984.1	142207.5	-11.3	34.0	1894.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-213.0	0.0	180.4	378.2
6-1	si	14	Tz	204.4	200.5	0.0	402.9
6-1	si	5	Ty	-4.7	0.0	-219.6	380.3
6-1	si	13	Si	-212.3	-198.7	0.0	404.3

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	144814.5	-2380.9	142207.5	-11.3	34.0	1755.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-249.9	0.0	180.4	400.1
6-1	si	14	Tz	239.5	199.1	0.0	419.8
6-1	si	5	Ty	-5.6	0.0	-216.7	375.3
6-1	si	13	Si	-249.0	-197.3	0.0	422.8

----- PROGR. 82.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	164490.2	-2777.7	142207.5	-11.3	34.0	1616.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-284.0	0.0	180.4	422.2
6-1	si	14	Tz	272.0	197.7	0.0	437.2
6-1	si	5	Ty	-6.5	0.0	-213.8	370.4
6-1	si	13	Si	-282.9	-195.9	0.0	441.7

----- PROGR. 93.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	182544.9	-3174.5	142207.5	-11.3	34.0	1478.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-315.3	0.0	180.4	443.9
6-1	si	14	Tz	301.6	196.3	0.0	454.5
6-1	si	5	Ty	-7.4	0.0	-210.9	365.4
6-1	si	13	Si	-314.2	-194.5	0.0	460.6

VERIFICA STABILITA` :

L0 = 93.  
 Z |Lc = 93.|Ro = 9.06|lm = 10.3|Ncr = 17630540.1|alfa(a)=0.2100|ki=1.0000|  
 Y |Lc = 93.|Ro = 6.01|lm = 15.5|Ncr = 7764747.1|alfa(a)=0.2100|ki=0.9993|  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -11.3|Mzeq = 136908.7|Myeq = -2380.9|Ss = -236.5 ( 0.070)

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 91- 185) 73  
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-32065.5	0.0	-14684.4	47.8	24.9	2350.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	54.6	0.0	18.6	63.4
6-1	si	14	Tz	-53.6	43.1	0.0	91.8
6-1	si	5	TySi	0.5	0.0	-67.2	116.4

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-3	3261.1	6039.8	-2693.1	53.9	-322.3	487.5
6-1	9892.1	-466.0	-14684.4	47.8	24.9	2127.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-3	si	4	Sx	20.0	0.0	3.4	20.8
6-1	si	14	Tz	16.3	40.8	0.0	72.5
6-1	si	5	Ty	-0.5	0.0	-62.6	108.4
6-1	si	6	Si	1.6	0.0	-62.6	108.4

----- PROGR. 37.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	47667.8	-932.0	-14684.4	47.8	24.9	1904.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	83.1	0.0	18.6	89.1
6-1	si	14	Tz	79.1	38.6	0.0	103.5
6-1	si	5	Ty	-1.6	0.0	-58.0	100.4
6-1	si	16	Si	82.7	-37.2	0.0	104.9

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	81261.9	-1397.9	-14684.4	47.8	24.9	1681.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	140.8	0.0	18.6	144.5
6-1	si	14	Tz	134.9	36.3	0.0	148.8
6-1	si	5	Ty	-2.7	0.0	-53.4	92.5
6-1	si	16	Si	140.3	-35.0	0.0	152.8

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	110674.1	-1863.9	-14684.4	47.8	24.9	1458.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	191.5	0.0	18.6	194.2
6-1	si	14	Tz	183.6	34.0	0.0	192.8
6-1	si	5	Ty	-3.8	0.0	-48.7	84.5
6-1	si	16	Si	190.8	-32.7	0.0	199.0

----- PROGR. 94.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	135904.6	-2329.9	-14684.4	47.8	24.9	1234.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	235.1	0.0	18.6	237.3
6-1	si	14	Tz	225.3	31.8	0.0	231.9
6-1	si	5	Ty	-4.8	0.0	-44.1	76.6
6-1	si	16	Si	234.3	-30.5	0.0	240.1

----- PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	156953.3	-2795.9	-14684.4	47.8	24.9	1011.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	271.7	0.0	18.6	273.6
6-1	si	14	Tz	259.9	29.5	0.0	264.8
6-1	si	5	Ty	-5.9	0.0	-39.5	68.7
6-1	si	16	Si	270.7	-28.2	0.0	275.0

----- PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	173820.2	-3261.9	-14684.4	47.8	24.9	788.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	301.2	0.0	18.6	302.9
6-1	si	14	Tz	287.4	27.3	0.0	291.3
6-1	si	5	Ty	-7.0	0.0	-34.9	60.9
6-1	si	16	Si	300.0	-25.9	0.0	303.4

----- PROGR. 150.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	186505.4	-3727.8	-14684.4	47.8	24.9	565.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	323.7	0.0	18.6	325.3
6-1	si	14	Tz	307.9	25.0	0.0	310.9
6-1	si	5	Ty	-8.0	0.0	-30.3	53.1

VERIFICA STABILITA` :

L0 = 150.  
Z |Lc = 150. |Ro = 9.06 |lm = 16.5 |Ncr= 6834456.7 |alfa(a )=0.2100 |ki=0.9964 |  
Y |Lc = 150. |Ro = 6.01 |lm = 24.9 |Ncr= 3009994.4 |alfa(a )=0.2100 |ki=0.9713 |  
Caso11-14 - Nodo 1 - Asse Y  
Ned = -33.3 |Mzeq = 30891.3 |Myeq = -37538.0 |Ss = -138.7 ( 0.041)



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 94- 113) 75  
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	46167.0	0.0	-14880.0	-84.8	78.5	2286.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-78.8	0.0	18.9	85.3
6- 1	si	14	Tz	76.9	44.1	0.0	108.4
6- 1	si	5	TySi	-0.9	0.0	-66.1	114.5

----- PROGR. 13.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	73863.5	-982.5	-14880.0	-84.8	78.5	2137.7
11-16	15869.3	-14303.1	-4762.5	-165.0	1142.4	489.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-127.8	0.0	18.9	131.9
11-16	si	7	Tz	-28.6	43.2	0.0	80.1
6- 1	si	5	Ty	-3.2	0.0	-63.0	109.2
6- 1	si	15	Si	-123.6	42.6	0.0	144.0

----- PROGR. 25.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	99693.5	-1965.0	-14880.0	-84.8	78.5	1988.6
11-16	21493.1	-28606.2	-4762.5	-165.0	1142.4	457.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-173.6	0.0	18.9	176.7
11-16	si	7	Tz	-38.1	43.2	0.0	83.9
6- 1	si	5	Ty	-5.5	0.0	-60.0	104.0
6- 1	si	13	Si	-172.9	-36.9	0.0	184.3

----- PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	123656.8	-2947.5	-14880.0	-84.8	78.5	1839.5
11-16	26694.8	-42909.3	-4762.5	-165.0	1142.4	425.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-216.3	0.0	18.9	218.7
11-16	si	7	Tz	-46.9	43.2	0.0	88.3
6- 1	si	5	Ty	-7.7	0.0	-56.9	98.8
6- 1	si	13	Si	-215.2	-35.4	0.0	223.8

----- PROGR. 50.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	145753.5	-3930.0	-14880.0	-84.8	78.5	1690.4
11-16	31491.5	-57212.4	-4762.5	-165.0	1142.4	393.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-255.8	0.0	18.9	257.9
11-16	si	7	Tz	-54.9	43.2	0.0	92.8
6- 1	si	5	Ty	-10.0	0.0	-53.8	93.7
6- 1	si	13	Si	-254.4	-33.9	0.0	261.1

----- PROGR. 63.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	165983.5	-4912.6	-14880.0	-84.8	78.5	1541.3
11-16	35808.2	-71515.6	-4762.5	-165.0	1142.4	361.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-292.2	0.0	18.9	294.0
11-16	si	7	Tz	-62.2	43.2	0.0	97.3
6- 1	si	5	Ty	-12.2	0.0	-50.7	88.7
6- 1	si	13	Si	-290.4	-32.4	0.0	295.8

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	184347.0	-5895.1	-14880.0	-84.8	78.5	1392.2
11-16	39750.1	-85818.7	-4762.5	-165.0	1142.4	328.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-325.4	0.0	18.9	327.1
11-16	si	7	Tz	-68.9	43.2	0.0	101.7
6- 1	si	5	Ty	-14.5	0.0	-47.6	83.8
6- 1	si	13	Si	-323.3	-30.9	0.0	327.7

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	200843.8	-6877.6	-14880.0	-84.8	78.5	1243.1
11-16	43270.4	-100121.8	-4762.5	-165.0	1142.4	296.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-355.5	0.0	18.9	357.0
11-16	si	7	Tz	-74.8	43.2	0.0	105.8
6- 1	si	5	Ty	-16.7	0.0	-44.6	79.0

----- PROGR. 100.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	215474.1	-7860.1	-14880.0	-84.8	78.5	1094.0
11-16	46374.2	-114424.9	-4762.5	-165.0	1142.4	264.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-382.4	0.0	18.9	383.8
11-16	si	7	Tz	-80.0	43.2	0.0	109.5
6- 1	si	5	Ty	-19.0	0.0	-41.5	74.3

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VERIFICA STABILITA` :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

L0 = 100. |  
 Z | Lc = 100. | Ro = 9.06 | lm = 11.1 | Ncr = 1531188.3 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 100. | Ro = 6.01 | lm = 16.7 | Ncr = 6743270.7 | alfa(a) = 0.2100 | ki = 0.9961 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -84.8 | Mzeq = 183008.6 | Myeq = -5895.1 | Ss = -323.2 ( 0.096 )

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-18643.5	0.0	-6936.4	7.9	87.0	2359.9
11-5	-3441.3	0.0	-1849.2	507.8	1186.7	507.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	31.5	0.0	8.8	35.0
11-5	si	7	Tz	11.4	40.9	0.0	71.8
6-1	si	5	TySi	0.1	0.0	-57.6	99.7

----- PROGR. 7.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	406.4	-8869.1	-1849.2	507.8	1186.7	487.8
6-1	-1338.6	-650.4	-6936.4	7.9	87.0	2270.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	26.7	0.0	2.3	27.0
11-5	si	7	Tz	4.9	40.9	0.0	71.0
6-1	si	5	Ty	-1.4	0.0	-55.7	96.5
6-1	si	6	Si	1.6	0.0	-55.7	96.5

----- PROGR. 15.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	4050.2	-17738.3	-1849.2	507.8	1186.7	468.6
6-1	15301.1	-1300.8	-6936.4	7.9	87.0	2181.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	53.2	0.0	2.3	53.4
11-5	si	7	Tz	-1.2	40.9	0.0	70.9
6-1	si	5	Ty	-2.9	0.0	-53.9	93.4
6-1	si	6	Si	3.1	0.0	-53.9	93.4

----- PROGR. 22.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	7519.0	-26607.4	-1849.2	507.8	1186.7	449.4
6-1	31275.7	-1951.2	-6936.4	7.9	87.0	2092.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	79.5	0.0	2.3	79.6
11-5	si	7	Tz	-7.1	40.9	0.0	71.2
6-1	si	5	Ty	-4.4	0.0	-52.0	90.2
6-1	si	6	Si	4.6	0.0	-52.0	90.2

----- PROGR. 30.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	10829.0	-35476.5	-1849.2	507.8	1186.7	430.2
6-1	46585.2	-2601.6	-6936.4	7.9	87.0	2003.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	105.4	0.0	2.3	105.5
11-5	si	7	Tz	-12.6	40.9	0.0	72.0
6-1	si	5	Ty	-5.9	0.0	-50.2	87.1
11-5	si	12	Si	103.7	0.0	25.5	112.7

----- PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	13987.5	-44345.7	-1849.2	507.8	1186.7	411.0
6-1	61229.4	-3252.0	-6936.4	7.9	87.0	1914.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	131.1	0.0	2.3	131.2
11-5	si	7	Tz	-18.0	40.9	0.0	73.1
6-1	si	5	Ty	-7.4	0.0	-48.4	84.1
11-5	si	12	Si	128.9	0.0	25.7	136.4

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	16998.0	-53214.8	-1849.2	507.8	1186.7	391.8
6-1	75208.5	-3902.4	-6936.4	7.9	87.0	1825.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	156.6	0.0	2.3	156.6
11-5	si	7	Tz	-23.0	40.9	0.0	74.5
6-1	si	5	Ty	-8.9	0.0	-46.5	81.1
11-5	si	12	Si	153.8	0.0	26.0	160.3

----- PROGR. 52.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	19862.2	-62083.9	-1849.2	507.8	1186.7	372.6
6-1	88522.5	-4552.8	-6936.4	7.9	87.0	1736.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	181.8	0.0	2.3	181.8
11-5	si	7	Tz	-27.9	40.9	0.0	76.2
6-1	si	5	Ty	-10.4	0.0	-44.7	78.1
11-5	si	12	Si	178.6	0.0	26.2	184.3

----- PROGR. 60.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	22581.1	-70953.1	-1849.2	507.8	1186.7	353.4
6-1	101171.3	-5203.2	-6936.4	7.9	87.0	1647.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	3	Sx	206.8	0.0	2.3	206.8
11- 5	si	7	Tz	-32.5	40.9	0.0	78.0
6- 1	si	5	Ty	-11.9	0.0	-42.8	75.1
11- 5	si	12	Si	203.1	0.0	26.4	208.2

VERIFICA STABILITA` :

L0 = 60.  
 Z Lc = 60. Ro = 9.06 lm = 6.6 Ncr = 42967127.9 alfa(a) = 0.2100 ki = 1.0000  
 Y Lc = 60. Ro = 6.01 lm = 9.9 Ncr = 18923350.1 alfa(a) = 0.2100 ki = 1.0000  
 Caso11-12 - Nodo 2 - Asse Y  
 Ned = -504.2 Mzeq = 18635.0 Myeq = 51364.5 Ss = -155.1 ( 0.046)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	1831.6	0.0	-5852.0	-561.7	-2335.5	546.2
11- 5	633.4	0.0	-5572.9	554.3	2377.0	434.2
6- 1	3845.2	0.0	-25480.9	-15.4	89.6	2146.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	1	Sx	-9.3	0.0	7.4	15.9
11- 5	si	7	Tz	5.1	84.3	0.0	146.2
6- 1	si	5	Ty	-0.2	0.0	-76.7	132.8
11- 5	si	8	Si	7.2	84.3	0.0	146.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	4353.3	11562.4	-5852.0	-561.7	-2335.5	533.4
11- 5	2902.3	-11767.9	-5572.9	554.3	2377.0	421.5
6- 1	14325.0	-443.7	-25480.9	-15.4	89.6	2087.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-40.1	0.0	7.4	42.1
11- 5	si	7	Tz	1.2	84.3	0.0	146.1
6- 1	si	5	Ty	-1.2	0.0	-75.4	130.7
11- 5	si	8	Si	11.0	84.3	0.0	146.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	6890.3	23124.7	-5852.0	-561.7	-2335.5	520.7
11- 5	5030.0	-23535.8	-5572.9	554.3	2377.0	408.8
6- 1	24512.8	-887.5	-25480.9	-15.4	89.6	2028.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-71.0	0.0	7.4	72.1
11- 5	si	7	Tz	-2.3	84.3	0.0	146.1
6- 1	si	5	Ty	-2.2	0.0	-74.2	128.6
11- 5	si	8	Si	14.6	84.3	0.0	146.8

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	9399.1	34687.1	-5852.0	-561.7	-2335.5	508.0
11- 5	7059.9	-35303.6	-5572.9	554.3	2377.0	396.1
6- 1	34408.8	-1331.2	-25480.9	-15.4	89.6	1969.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-101.8	0.0	7.4	102.6
11- 5	si	7	Tz	-5.8	84.3	0.0	146.2
6- 1	si	5	Ty	-3.2	0.0	-73.0	126.5
11- 5	si	8	Si	18.1	84.3	0.0	147.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	11860.6	46249.5	-5852.0	-561.7	-2335.5	495.3
11- 5	9011.4	-47071.5	-5572.9	554.3	2377.0	383.4
6- 1	44013.0	-1774.9	-25480.9	-15.4	89.6	1910.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-132.5	0.0	7.4	133.1
11- 5	si	7	Tz	-9.1	84.3	0.0	146.4
6- 1	si	5	Ty	-4.2	0.0	-71.8	124.4
11- 5	si	12	Si	128.0	0.0	59.2	164.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	14266.9	57811.8	-5852.0	-561.7	-2335.5	482.6
11- 5	10892.1	-58839.4	-5572.9	554.3	2377.0	370.7
6- 1	53325.2	-2218.7	-25480.9	-15.4	89.6	1851.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-163.1	0.0	7.4	163.6
11- 5	si	7	Tz	-12.2	84.3	0.0	146.6
6- 1	si	5	Ty	-5.3	0.0	-70.6	122.4
11-12	si	10	Si	-160.8	0.0	57.4	189.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	16614.6	69374.2	-5852.0	-561.7	-2335.5	469.9
11- 5	12705.4	-70607.3	-5572.9	554.3	2377.0	357.9
6- 1	62345.6	-2662.4	-25480.9	-15.4	89.6	1792.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-193.7	0.0	7.4	194.1
11- 5	si	7	Tz	-15.3	84.3	0.0	146.9
6- 1	si	5	Ty	-6.3	0.0	-69.4	120.3

| 11-12 | si | 10 | Si | -191.0 | 0.0 | 57.6 | 215.4 |  
----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	18902.1	80936.6	-5852.0	-561.7	-2335.5	457.1
11- 5	14453.2	-82375.2	-5572.9	554.3	2377.0	345.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-224.1	0.0	7.4	224.5
11- 5	si	7	Tz	-18.2	84.3	0.0	147.2
11-12	si	9	Ty	150.9	0.0	-68.7	192.2
11-12	si	10	Si	-221.0	0.0	57.7	242.6

----- PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	21128.4	92498.9	-5852.0	-561.7	-2335.5	444.4
11- 5	16136.2	-94143.1	-5572.9	554.3	2377.0	332.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	-254.4	0.0	7.4	254.7
11- 5	si	7	Tz	-21.1	84.3	0.0	147.6
11-12	si	9	Ty	174.1	0.0	-68.6	210.8
11-12	si	10	Si	-251.0	0.0	57.9	270.3

-----  
VERIFICA STABILITA` :

L0 = 40.  
Z | Lc = 40. | Ro = 9.06 | lm = 4.4 | Ncr = 97923791.0 | alfa(a) = 0.2100 | ki = 1.0000 |  
Y | Lc = 40. | Ro = 6.01 | lm = 6.6 | Ncr = 43127066.6 | alfa(a) = 0.2100 | ki = 1.0000 |  
Caso 11-12 - Nodo 2 - Asse Y  
Ned = -561.7 | Mzeq = 15846.3 | Myeq = 69374.2 | Ss = -192.4 ( 0.057 )

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----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	35102.0	0.0	34071.2	72.8	-153.7	1911.5
11-16	9636.8	0.0	9748.1	166.4	-5681.3	571.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	60.0	0.0	43.2	95.9
11-16	si	7	Tz	-14.4	-197.0	0.0	341.6
11-16	si	9	Ty	-12.8	0.0	-155.0	268.7
11-16	si	8	Si	18.1	-197.0	0.0	341.8

----- PROGR. 2.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	39707.1	373.0	34071.2	72.8	-153.7	1882.6
11-16	10453.6	13791.7	9748.1	166.4	-5681.3	565.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	68.6	0.0	43.2	101.6
11-16	si	7	Tz	-15.8	-197.0	0.0	341.7
11-16	si	9	Ty	17.6	0.0	-154.9	268.9
11-16	si	8	Si	19.5	-197.0	0.0	341.8

----- PROGR. 5.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	11283.8	27583.4	9748.1	166.4	-5681.3	559.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	84.3	0.0	12.4	86.9
11-16	si	7	Tz	-17.2	-197.0	0.0	341.7
11-16	si	9	Ty	48.0	0.0	-154.8	272.4
11-16	si	8	Si	20.9	-197.0	0.0	341.9

----- PROGR. 7.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	12178.4	41375.1	9748.1	166.4	-5681.3	553.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	117.5	0.0	12.4	119.4
11-16	si	7	Tz	-18.7	-197.0	0.0	341.8
11-16	si	9	Ty	78.3	0.0	-154.7	279.2
11-16	si	8	Si	22.4	-197.0	0.0	342.0

----- PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	13234.3	55166.8	9748.1	166.4	-5681.3	547.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	150.9	0.0	12.4	152.4
11-16	si	7	Tz	-20.5	-197.0	0.0	341.9
11-16	si	9	Ty	108.4	0.0	-154.7	289.0
11-16	si	8	Si	24.2	-197.0	0.0	342.1

----- PROGR. 12.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	14437.1	68958.5	9748.1	166.4	-5681.3	540.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	184.7	0.0	12.4	185.9
11-16	si	7	Tz	-22.5	-197.0	0.0	342.0
11-16	si	9	Ty	138.3	0.0	-154.6	301.4
11-16	si	8	Si	26.2	-197.0	0.0	342.3

----- PROGR. 15.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	15691.6	82750.1	9748.1	166.4	-5681.3	534.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	218.5	0.0	12.4	219.5
11-16	si	7	Tz	-24.6	-197.0	0.0	342.2
11-16	si	9	Ty	168.1	0.0	-154.5	316.0
11-16	si	8	Si	28.3	-197.0	0.0	342.5
-----							
PROGR. 17.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-16	16955.3	96541.8	9748.1	166.4	-5681.3	528.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	252.3	0.0	12.4	253.2
11-16	si	7	Tz	-26.8	-197.0	0.0	342.3
11-16	si	9	Ty	197.8	0.0	-154.4	332.7
11-16	si	11	Si	249.5	0.0	141.7	350.0
-----							
PROGR. 19.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-16	18214.3	110333.5	9748.1	166.4	-5681.3	522.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	286.1	0.0	12.4	286.9
11-16	si	7	Tz	-28.9	-197.0	0.0	342.5
11-16	si	9	Ty	227.6	0.0	-154.4	351.1
11-16	si	11	Si	283.2	0.0	141.8	374.8
-----							
VERIFICA STABILITA` :							
L0 =	19.						
Z	Lc = 19.	Ro = 9.06	lm = 2.1	Ncr=407261948.0	alfa(a)=0.2100	ki=1.0000	
Y	Lc = 19.	Ro = 6.01	lm = 3.2	Ncr=179364105.0	alfa(a)=0.2100	ki=1.0000	
Casoll- 1 - Nodo 1 - Asse Y							
Ned =	-133.6	Mzeq =	13277.8	Myeq =	-81512.3	Ss =	-211.2 ( 0.062)
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-----							
PROGR. 0.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-42543.8	0.0	48946.1	-102.8	23.4	2339.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-72.9	0.0	62.1	129.9
6- 1	si	14	Tz	-72.9	86.4	0.0	166.4
6- 1	si	5	TySi	-1.1	0.0	-110.4	191.3
-----							
PROGR. 21.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 6	-3758.1	-6171.3	11735.3	769.4	292.5	569.0	
6- 1	4164.3	-493.3	48946.1	-102.8	23.4	2088.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 6	si	2	Sx	29.0	0.0	14.9	38.8
6- 1	si	14	Tz	4.9	83.8	0.0	145.3
6- 1	si	5	TySi	-2.3	0.0	-105.2	182.3
-----							
PROGR. 42.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	45572.4	-986.6	48946.1	-102.8	23.4	1837.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-80.3	0.0	62.1	134.2
6- 1	si	14	Tz	73.8	81.3	0.0	159.0
6- 1	si	5	TySi	-3.4	0.0	-100.0	173.3
-----							
PROGR. 63.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	81680.4	-1480.0	48946.1	-102.8	23.4	1585.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-142.3	0.0	62.1	178.4
6- 1	si	14	Tz	133.8	78.8	0.0	191.1
6- 1	si	5	Ty	-4.5	0.0	-94.9	164.4
6- 1	si	13	Si	-141.8	-77.5	0.0	195.3
-----							
PROGR. 84.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	112488.4	-1973.3	48946.1	-102.8	23.4	1334.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-195.4	0.0	62.1	223.0
6- 1	si	14	Tz	184.8	76.2	0.0	227.1
6- 1	si	5	Ty	-5.7	0.0	-89.7	155.4
6- 1	si	13	Si	-194.7	-75.0	0.0	234.0
-----							
PROGR. 105.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	137996.4	-2466.6	48946.1	-102.8	23.4	1083.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-239.6	0.0	62.1	262.6
6- 1	si	14	Tz	226.9	73.7	0.0	260.3
6- 1	si	5	Ty	-6.8	0.0	-84.5	146.5
6- 1	si	13	Si	-238.7	-72.4	0.0	269.6
-----							
PROGR. 127.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	158204.3	-2959.9	48946.1	-102.8	23.4	832.3	
TENSIONI (Sz= 0.00) :							

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Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-274.8	0.0	62.1	295.1
6-1	si	14	Tz	260.0	71.1	0.0	287.7
6-1	si	5	Ty	-7.9	0.0	-79.3	137.6
6-1	si	13	Si	-273.7	-69.9	0.0	299.3

PROGR. 148.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	173112.2	-3453.2	48946.1	-102.8	23.4	581.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-301.1	0.0	62.1	319.7
6-1	si	14	Tz	284.2	68.6	0.0	308.0
6-1	si	5	Ty	-9.1	0.0	-74.1	128.7
6-1	si	13	Si	-299.8	-67.4	0.0	321.7

PROGR. 169.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	182720.1	-3946.5	48946.1	-102.8	23.4	329.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-318.4	0.0	62.1	336.1
6-1	si	14	Tz	299.4	66.0	0.0	320.5
6-1	si	5	Ty	-10.2	0.0	-68.9	119.8
6-1	si	13	Si	-317.0	-64.8	0.0	336.2

## VERIFICA STABILITA` :

L0 = 169.  
 Z | Lc = 169. | Ro = 9.06 | lm = 18.6 | Ncr = 5392438.7 | alfa(a) = 0.2100 | ki = 0.9903 |  
 Y | Lc = 169. | Ro = 6.01 | lm = 28.1 | Ncr = 2374908.7 | alfa(a) = 0.2100 | ki = 0.9612 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -102.8 | Mzeq = 137040.1 | Myeq = -2959.9 | Ss = -239.1 ( 0.071 )

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 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	182720.1	-3946.5	48946.1	-102.8	4.1	284.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-318.4	0.0	62.1	336.1
6-1	si	14	Tz	299.4	65.1	0.0	320.0
6-1	si	5	Ty	-10.2	0.0	-68.0	118.2
6-1	si	13	Si	-317.0	-64.9	0.0	336.3

PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	185897.3	-4020.0	48946.1	-102.8	4.1	72.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx Si	-323.9	0.0	62.1	341.3
6-1	si	14	Tz	304.7	62.9	0.0	323.6
6-1	si	5	Ty	-10.4	0.0	-63.6	110.6

PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	185310.7	-4093.4	48946.1	-102.8	4.1	-138.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx Si	-323.1	0.0	62.1	340.5
6-1	si	13	Tz	-321.6	63.6	0.0	340.0
6-1	si	5	Ty	-10.5	0.0	65.0	113.0

PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	180960.2	-4166.8	48946.1	-102.8	4.1	-350.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-315.9	0.0	62.1	333.7
6-1	si	13	Tz Si	-314.4	65.7	0.0	334.4
6-1	si	5	Ty	-10.7	0.0	69.3	120.6

PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	172845.7	-4240.3	48946.1	-102.8	4.1	-562.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-302.4	0.0	62.1	321.0
6-1	si	13	Tz Si	-300.9	67.9	0.0	323.0
6-1	si	5	Ty	-10.9	0.0	73.7	128.1

PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	160967.4	-4313.7	48946.1	-102.8	4.1	-774.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-282.6	0.0	62.1	302.3
6-1	si	13	Tz Si	-281.0	70.0	0.0	306.0
6-1	si	5	Ty	-11.1	0.0	78.1	135.7

PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	145325.1	-4387.1	48946.1	-102.8	4.1	-985.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-256.3	0.0	62.1	278.0
6-1	si	13	Tz Si	-254.7	72.2	0.0	283.7
6-1	si	5	Ty	-11.2	0.0	82.5	143.3

----- PROGR. 124.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	125919.0	-4460.6	48946.1	-102.8	4.1	-1197.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-223.8	0.0	62.1	248.3
6-1	si	13	Tz	-222.1	74.3	0.0	256.7
6-1	si	5	Ty	-11.4	0.0	86.8	150.8

----- PROGR. 142.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	102749.0	-4534.0	48946.1	-102.8	4.1	-1409.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-184.9	0.0	62.1	213.9
6-1	si	13	Tz	-183.2	76.5	0.0	226.1
6-1	si	5	Ty	-11.6	0.0	91.2	158.4

----- VERIFICA STABILITA` :

Z | L0 = 142. |  
 Y | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -102.8 | Mzeq = 185897.3 | Myeq = -4534.0 | Ss = -325.1 ( 0.096 )

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----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	102749.0	-4534.0	48946.1	-102.8	-29.4	-1437.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-184.9	0.0	62.1	213.9
6-1	si	14	Tz	163.4	-77.4	0.0	211.4
6-1	si	5	Ty	-11.6	0.0	91.8	159.4
6-1	si	13	Si	-183.2	75.9	0.0	225.4

----- PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	72875.9	-3967.2	48946.1	-102.8	-29.4	-1666.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-133.2	0.0	62.1	171.2
6-1	si	14	Tz	114.1	-79.7	0.0	179.2
6-1	si	5	Ty	-10.3	0.0	96.5	167.5
6-1	si	13	Si	-131.7	78.2	0.0	188.9

----- PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-6	14637.7	-19608.4	9365.7	511.3	-169.8	-435.4	
6-1	38590.0	-3400.5	48946.1	-102.8	-29.4	-1895.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-6	si	3	Sx	75.4	0.0	11.9	78.2
6-1	si	14	Tz	57.4	-82.0	0.0	153.3
6-1	si	5	TySi	-9.0	0.0	101.3	175.6

----- PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-6	5780.8	-16340.4	9365.7	511.3	-169.8	-484.8	
6-1	-108.7	-2833.7	48946.1	-102.8	-29.4	-2124.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-6	si	3	Sx	53.0	0.0	11.9	56.8
6-1	si	14	Tz	-6.8	-84.4	0.0	146.3
6-1	si	5	TySi	-7.7	0.0	106.0	183.7

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-43220.2	-2267.0	48946.1	-102.8	-29.4	-2354.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-79.2	0.0	62.1	133.6
6-1	si	14	Tz	-78.4	-86.7	0.0	169.4
6-1	si	5	TySi	-6.3	0.0	110.7	191.9

----- PROGR. 96.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-90744.6	-1700.2	48946.1	-102.8	-29.4	-2583.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-158.1	0.0	62.1	191.2
6-1	si	14	Tz	-157.5	-89.0	0.0	220.4
6-1	si	5	Ty	-5.0	0.0	115.5	200.1

----- PROGR. 116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-142681.7	-1133.5	48946.1	-102.8	-29.4	-2812.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-244.4	0.0	62.1	267.0
6-1	si	14	Tz	-244.0	-91.3	0.0	290.8
6-1	si	5	Ty	-3.7	0.0	120.2	208.2

----- PROGR. 135.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-199031.6	-566.7	48946.1	-102.8	-29.4	-3041.9	

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TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-338.1	0.0	62.1	354.8
6-1	si	14	Tz Si	-337.9	-93.6	0.0	374.8
6-1	si	5	Ty	-2.4	0.0	124.9	216.4
----- PROGR. 154.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		-259794.3		0.0	48946.1	-102.8	-29.4 -3271.1
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-439.3	0.0	62.1	452.3
6-1	si	14	Tz Si	-439.3	-96.0	0.0	469.7
6-1	si	5	Ty	-1.1	0.0	129.7	224.6
-----							
VERIFICA STABILITA` :							
L0 = 154.							
Z	Lc = 154.	Ro = 9.06	lm = 17.0	Ncr = 6476635.3	alfa(a) = 0.2100	ki = 0.9951	
Y	Lc = 154.	Ro = 6.01	lm = 25.6	Ncr = 2852404.7	alfa(a) = 0.2100	ki = 0.9691	
Caso 6-1 - Nodo 4 - Asse Y							
Ned = -102.8   Mzeq = -194845.7   Myeq = -3400.5   Ss = -337.6 ( 0.100)							
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----- PROGR. 0.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		-268860.1		0.0	-42123.0	-112.2	3.6 3322.2
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-454.7	0.0	53.4	464.1
6-1	si	14	Tz Si	-454.7	87.1	0.0	479.1
6-1	si	5	Ty	-1.2	0.0	-122.1	211.4
----- PROGR. 19.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		-207113.8		-69.0	-42123.0	-112.2	3.6 3093.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-350.7	0.0	53.4	362.7
6-1	si	14	Tz Si	-350.7	84.8	0.0	380.2
6-1	si	5	Ty	-1.4	0.0	-117.3	203.2
----- PROGR. 39.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		-149780.3		-138.1	-42123.0	-112.2	3.6 2863.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-254.2	0.0	53.4	270.5
6-1	si	14	Tz Si	-254.1	82.5	0.0	291.6
6-1	si	5	Ty	-1.6	0.0	-112.6	195.0
----- PROGR. 58.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		-96859.6		-207.1	-42123.0	-112.2	3.6 2634.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-165.1	0.0	53.4	189.3
6-1	si	14	Tz Si	-165.0	80.2	0.0	215.7
6-1	si	5	Ty	-1.7	0.0	-107.9	186.8
----- PROGR. 77.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		-48351.7		-276.2	-42123.0	-112.2	3.6 2405.3
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-83.4	0.0	53.4	124.6
6-1	si	14	Tz Si	-83.3	77.9	0.0	158.5
6-1	si	5	TySi	-1.9	0.0	-103.1	178.6
----- PROGR. 96.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
11-8		-5596.7		8372.2	-11034.6	236.8	-87.0 472.0
6-1		-4256.6		-345.2	-42123.0	-112.2	3.6 2176.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-8	si	1	Sx	31.3	0.0	14.0	39.6
6-1	si	14	Tz	-9.1	75.5	0.0	131.2
6-1	si	5	TySi	-2.0	0.0	-98.4	170.4
----- PROGR. 116.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		35425.7		-414.3	-42123.0	-112.2	3.6 1946.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-61.9	0.0	53.4	111.4
6-1	si	14	Tz	57.7	73.2	0.0	139.3
6-1	si	5	TySi	-2.2	0.0	-93.7	162.2
----- PROGR. 135.							
SOLLECITAZIONI :							
Caso		MZ		MY	MT	N	TZ TY
6-1		70695.2		-483.3	-42123.0	-112.2	3.6 1717.6
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-121.6	0.0	53.4	152.8
6-1	si	14	Tz	117.1	70.9	0.0	169.7
6-1	si	5	Ty	-2.4	0.0	-88.9	154.0
6-1	si	13	Si	-121.4	-70.7	0.0	172.5
----- PROGR. 154.							



SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	101551.9	-552.4	-42123.0	-112.2	3.6	1488.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-173.8	0.0	53.4	196.9
6-1	si	14	Tz	169.0	68.6	0.0	206.6
6-1	si	5	Ty	-2.5	0.0	-84.2	145.8
6-1	si	13	Si	-173.6	-68.4	0.0	210.2

## VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -112.2 | Mzeq = -201645.1 | Myeq = -414.3 | Ss = -342.4 ( 0.101)

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 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	101551.9	-552.4	-42123.0	-112.2	-36.4	1461.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-173.8	0.0	53.4	196.9
6-1	si	13	Tz	-173.6	-69.2	0.0	210.9
6-1	si	5	Ty	-2.5	0.0	-83.6	144.9

----- PROGR. 18.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	125791.5	99.8	-42123.0	-112.2	-36.4	1248.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-213.6	0.0	53.4	232.8
6-1	si	13	Tz	-213.2	-67.0	0.0	242.8
6-1	si	5	Ty	-1.0	0.0	-79.2	137.2

----- PROGR. 36.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	146219.1	751.9	-42123.0	-112.2	-36.4	1035.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-249.6	0.0	53.4	266.2
6-1	si	13	Tz	-246.4	-64.9	0.0	270.8
6-1	si	5	Ty	0.5	0.0	-74.8	129.6
6-1	si	15	Si	-249.3	62.9	0.0	272.1

----- PROGR. 54.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	162834.7	1404.0	-42123.0	-112.2	-36.4	822.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-279.1	0.0	53.4	294.1
6-1	si	13	Tz	-273.2	-62.7	0.0	294.0
6-1	si	5	Ty	2.0	0.0	-70.4	122.0
6-1	si	15	Si	-278.6	60.8	0.0	297.8

----- PROGR. 72.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	175638.4	2056.2	-42123.0	-112.2	-36.4	609.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-302.2	0.0	53.4	316.1
6-1	si	13	Tz	-293.5	-60.6	0.0	311.7
6-1	si	5	Ty	3.5	0.0	-66.0	114.4
6-1	si	15	Si	-301.5	58.6	0.0	318.1

----- PROGR. 89.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	184630.0	2708.3	-42123.0	-112.2	-36.4	396.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-318.9	0.0	53.4	332.0
6-1	si	13	Tz	-307.4	-58.4	0.0	323.6
6-1	si	5	Ty	5.0	0.0	-61.6	106.8
6-1	si	15	Si	-317.9	56.5	0.0	332.6

----- PROGR. 107.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	189809.6	3360.5	-42123.0	-112.2	-36.4	183.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-329.1	0.0	53.4	341.9
6-1	si	13	Tz	-314.9	-56.3	0.0	329.6
6-1	si	5	Ty	6.5	0.0	-57.2	99.3

----- PROGR. 125.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	191177.2	4012.6	-42123.0	-112.2	-36.4	-30.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-332.9	0.0	53.4	345.5
6-1	si	14	Tz	329.0	-54.7	0.0	342.3
6-1	si	10	Ty	-302.0	0.0	54.7	316.5

----- PROGR. 143.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	188732.8	4664.7	-42123.0	-112.2	-36.4	-243.2	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-330.3	0.0	53.4	343.0
6-1	si	14	Tz	326.1	-56.9	0.0	340.6
6-1	si	5	Ty	9.5	0.0	58.5	101.7
6-1	si	15	Si	-328.6	-56.9	0.0	343.0
-----							
VERIFICA STABILITA` :							
L0 = 143.							
Z	Lc = 143.	Ro = 9.06	lm = 15.8	Ncr = 7497417.1	alfa(a) = 0.2100	ki = 0.9985	
Y	Lc = 143.	Ro = 6.01	lm = 23.8	Ncr = 3301971.9	alfa(a) = 0.2100	ki = 0.9748	
Caso 6-1 - Nodo 2 - Asse Y							
Ned = -112.2   Mzeq = 191177.2   Myeq = 3498.5   Ss = -331.8 ( 0.098)							
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-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	188732.8	4664.7	-42123.0	-112.2	27.8	-266.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-330.3	0.0	53.4	343.0
6-1	si	13	Tz	-310.6	56.9	0.0	325.8
6-1	si	5	Ty	9.5	0.0	58.9	102.5
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	180530.4	4081.6	-42123.0	-112.2	27.8	-515.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-315.1	0.0	53.4	328.4
6-1	si	13	Tz	-297.9	59.4	0.0	315.1
6-1	si	5	Ty	8.1	0.0	64.1	111.3
6-1	si	15	Si	-313.6	-57.9	0.0	329.3
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	167084.8	3498.5	-42123.0	-112.2	27.8	-765.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-291.1	0.0	53.4	305.5
6-1	si	13	Tz	-276.3	61.9	0.0	296.4
6-1	si	5	Ty	6.8	0.0	69.3	120.1
6-1	si	15	Si	-289.8	-60.5	0.0	308.2
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	148395.8	2915.5	-42123.0	-112.2	27.8	-1015.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-258.2	0.0	53.4	274.3
6-1	si	13	Tz	-245.9	64.4	0.0	270.1
6-1	si	5	Ty	5.5	0.0	74.4	129.0
6-1	si	15	Si	-257.2	-63.0	0.0	279.3
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	124463.5	2332.4	-42123.0	-112.2	27.8	-1265.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-216.5	0.0	53.4	235.5
6-1	si	13	Tz	-206.7	67.0	0.0	237.0
6-1	si	5	Ty	4.1	0.0	79.6	137.9
6-1	si	15	Si	-215.7	-65.5	0.0	243.7
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	95288.0	1749.3	-42123.0	-112.2	27.8	-1515.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-166.0	0.0	53.4	190.0
6-1	si	13	Tz	-158.6	69.5	0.0	199.1
6-1	si	5	Ty	2.8	0.0	84.7	146.8
6-1	si	15	Si	-165.3	-68.0	0.0	203.0
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	60869.1	1166.2	-42123.0	-112.2	27.8	-1765.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-106.6	0.0	53.4	141.2
6-1	si	13	Tz	-101.7	72.0	0.0	160.9
6-1	si	5	Ty	1.4	0.0	89.9	155.7
6-1	si	15	Si	-106.2	-70.6	0.0	161.9
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	21207.0	583.1	-42123.0	-112.2	27.8	-2015.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-38.4	0.0	53.4	100.2
6-1	si	13	Tz	-35.9	74.6	0.0	134.0
6-1	si	5	Ty	0.1	0.0	95.1	164.7
6-1	si	6	Si	-2.6	0.0	95.1	164.7
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-23698.5	0.0	-42123.0	-112.2	27.8	-2265.0	

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-41.2	0.0	53.4	101.3
6-1	si	13	Tz	38.7	77.1	0.0	139.0
6-1	si	5	TySi	-1.2	0.0	100.2	173.6

VERIFICA STABILITA` :

L0 = 168. |  
 Z | Lc = 168. | Ro = 9.06 | lm = 18.5 | Ncr = 5450796.1 | alfa(a) = 0.2100 | ki = 0.9906 |  
 Y | Lc = 168. | Ro = 6.01 | lm = 27.9 | Ncr = 2400610.1 | alfa(a) = 0.2100 | ki = 0.9617 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -112.2 | Mzeq = 143625.8 | Myeq = 3498.5 | Ss = -251.6 ( 0.074 )

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	75610.4	0.0	-19178.4	-80.5	-297.0	-43.5
6-1	24790.9	0.0	-66395.6	-742.0	75.0	1675.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	1	Sx	-128.4	0.0	24.3	135.2
6-1	si	14	Tz	33.6	103.2	0.0	181.8
6-1	si	5	TySi	-8.2	0.0	-118.8	206.0

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	74433.5	5280.0	-19178.4	-80.5	-297.0	-89.1
6-1	52693.4	-1333.6	-66395.6	-742.0	75.0	1463.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	2	Sx	-138.6	0.0	24.3	144.8
6-1	si	14	Tz	78.1	101.0	0.0	191.6
6-1	si	5	Ty	-11.3	0.0	-114.5	198.6
6-1	si	15	Si	-94.5	101.0	0.0	198.9

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	72445.3	10560.0	-19178.4	-80.5	-297.0	-134.8
6-1	76832.1	-2667.1	-66395.6	-742.0	75.0	1251.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	2	Sx	-147.4	0.0	24.3	153.3
6-1	si	14	Tz	116.2	98.9	0.0	207.0
6-1	si	5	Ty	-14.4	0.0	-110.1	191.2
6-1	si	13	Si	-143.0	-94.9	0.0	217.9

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	97206.8	-4000.7	-66395.6	-742.0	75.0	1040.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-181.4	0.0	84.2	232.8
6-1	si	14	Tz	148.0	96.7	0.0	223.6
6-1	si	5	Ty	-17.4	0.0	-105.7	183.9
6-1	si	13	Si	-179.9	-92.8	0.0	241.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	113817.7	-5334.3	-66395.6	-742.0	75.0	828.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-212.5	0.0	84.2	257.7
6-1	si	14	Tz	173.5	94.6	0.0	238.6
6-1	si	5	Ty	-20.5	0.0	-101.3	176.7
6-1	si	13	Si	-210.5	-90.6	0.0	262.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	126664.6	-6667.8	-66395.6	-742.0	75.0	616.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-237.2	0.0	84.2	278.5
6-1	si	14	Tz	192.6	92.5	0.0	250.4
6-1	si	5	Ty	-23.5	0.0	-97.0	169.6
6-1	si	13	Si	-234.7	-88.5	0.0	280.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	135747.7	-8001.4	-66395.6	-742.0	75.0	405.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-255.6	0.0	84.2	294.3
6-1	si	14	Tz	205.3	90.3	0.0	258.1
6-1	si	5	Ty	-26.6	0.0	-92.6	162.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	141066.8	-9335.0	-66395.6	-742.0	75.0	193.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-267.6	0.0	84.2	304.8
6-1	si	14	Tz	211.7	88.2	0.0	261.0
6-1	si	10	Ty	-201.9	0.0	-88.4	253.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	142622.1	-10668.5	-66395.6	-742.0	75.0	-18.4

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-273.3	0.0	84.2	309.8
6-1	si	7	Tz	-248.8	86.7	0.0	290.6
6-1	si	9	Ty	-250.2	0.0	86.2	291.4
-----							
VERIFICA STABILITA` :							
Z	Lc = 142.	Ro = 9.06	lm = 15.7	Ncr= 7593228.2	alfa(a) = 0.2100	ki = 0.9988	
Y	Lc = 142.	Ro = 6.01	lm = 23.6	Ncr= 3344168.5	alfa(a) = 0.2100	ki = 0.9753	
Caso 6-1 - Nodo 1 - Asse Y							
Ned =	-742.0	Mzeq =	134914.8	Myeq =	-8001.4	Ss =	-254.4 ( 0.075)
-----							
CASSONE_S005 ( 5 )	stato limite ultimo - ASTA ( 19- 15)				96		
				-----		PROGR.	0.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	142622.1	-10668.5	-66395.5	-742.0	-69.3	-107.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-273.3	0.0	84.2	309.8
6-1	si	14	Tz	211.7	-87.1	0.0	260.0
6-1	si	10	Ty	-201.2	0.0	87.2	251.5
				-----		PROGR.	19.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	138348.7	-9335.0	-66395.5	-742.0	-69.3	-336.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-263.0	0.0	84.2	300.8
6-1	si	14	Tz	207.1	-89.5	0.0	258.7
6-1	si	5	Ty	-29.7	0.0	91.2	160.7
				-----		PROGR.	39.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	129662.4	-8001.4	-66395.5	-742.0	-69.3	-565.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-245.3	0.0	84.2	285.4
6-1	si	14	Tz	195.0	-91.8	0.0	251.6
6-1	si	5	Ty	-26.6	0.0	95.9	168.3
6-1	si	13	Si	-242.4	88.1	0.0	286.4
				-----		PROGR.	58.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	116563.3	-6667.8	-66395.5	-742.0	-69.3	-795.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-220.2	0.0	84.2	264.1
6-1	si	14	Tz	175.5	-94.1	0.0	239.5
6-1	si	5	Ty	-23.5	0.0	100.7	175.9
6-1	si	13	Si	-217.7	90.4	0.0	268.2
				-----		PROGR.	77.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	99051.4	-5334.3	-66395.5	-742.0	-69.3	-1024.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-187.5	0.0	84.2	237.6
6-1	si	14	Tz	148.6	-96.4	0.0	223.5
6-1	si	5	Ty	-20.5	0.0	105.4	183.7
6-1	si	13	Si	-185.6	92.8	0.0	245.5
				-----		PROGR.	96.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	77126.8	-4000.7	-66395.5	-742.0	-69.3	-1253.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-147.5	0.0	84.2	207.5
6-1	si	14	Tz	114.1	-98.7	0.0	205.6
6-1	si	5	Ty	-17.4	0.0	110.1	191.5
6-1	si	13	Si	-146.0	95.1	0.0	220.1
				-----		PROGR.	116.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-15	47034.6	-11792.1	-13094.3	-108.1	-306.3	59.2	
6-1	50789.3	-2667.1	-66395.5	-742.0	-69.3	-1482.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-107.6	0.0	16.6	111.4
6-1	si	14	Tz	72.3	-101.1	0.0	189.4
6-1	si	5	TySi	-14.4	0.0	114.9	199.5
				-----		PROGR.	135.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-15	47693.5	-5896.0	-13094.3	-108.1	-306.3	9.7	
6-1	20039.0	-1333.6	-66395.5	-742.0	-69.3	-1712.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-95.2	0.0	16.6	99.4
6-1	si	14	Tz	23.0	-103.4	0.0	180.5
6-1	si	5	TySi	-11.3	0.0	119.6	207.5
				-----		PROGR.	154.
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-2	-54580.9	0.0	-19178.4	-250.4	274.3	-834.3	
6-1	-15124.1	0.0	-66395.5	-742.0	-69.3	-1941.3	
TENSIONI (Sz= 0.00) :							

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Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	3	Sx	-94.8	0.0	24.3	103.8
6- 1	si	14	Tz	-33.7	-105.7	0.0	186.2
6- 1	si	5	TySi	-8.2	0.0	124.3	215.5

VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. |Ro = 9.06|lm = 17.0|Ncr= 6476635.2|alfa(a)=0.2100|ki=0.9951|  
 Y Lc = 154. |Ro = 6.01|lm = 25.6|Ncr= 2852404.7|alfa(a)=0.2100|ki=0.9691|  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -742.0|Mzeq = 113469.2|Myeq = -8001.4|Ss = -218.3 ( 0.065)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	56256.9	0.0	-1495.7	-266.0	350.6	-46.0
6- 1	5463.9	0.0	12637.4	-769.4	112.6	1748.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-97.8	0.0	1.9	97.9
6- 1	si	14	Tz	0.7	36.7	0.0	63.6
6- 1	si	5	Ty	-8.5	0.0	-52.1	90.7
11- 2	si	7	Si	-97.8	13.3	0.0	100.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	54895.7	-6749.4	-1495.7	-266.0	350.6	-95.5
6- 1	36911.3	-2167.2	12637.4	-769.4	112.6	1519.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-111.0	0.0	1.9	111.1
6- 1	si	14	Tz	49.5	34.4	0.0	77.5
6- 1	si	5	Ty	-13.5	0.0	-47.4	83.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	63945.8	-4334.4	12637.4	-769.4	112.6	1289.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-126.3	0.0	16.0	129.4
6- 1	si	14	Tz	91.0	32.1	0.0	106.6
6- 1	si	5	Ty	-18.5	0.0	-42.7	76.2
6- 1	si	13	Si	-124.8	-26.1	0.0	132.7

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	86567.5	-6501.5	12637.4	-769.4	112.6	1060.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-169.5	0.0	16.0	171.7
6- 1	si	14	Tz	124.9	29.7	0.0	135.1
6- 1	si	5	Ty	-23.5	0.0	-37.9	69.8
6- 1	si	13	Si	-167.1	-23.8	0.0	172.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	104776.5	-8668.7	12637.4	-769.4	112.6	831.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-205.2	0.0	16.0	207.0
6- 1	si	14	Tz	151.5	27.4	0.0	158.7
6- 1	si	5	Ty	-28.4	0.0	-33.2	64.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	118572.6	-10835.9	12637.4	-769.4	112.6	602.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-233.4	0.0	16.0	235.1
6- 1	si	14	Tz	170.6	25.1	0.0	176.0
6- 1	si	5	Ty	-33.4	0.0	-28.5	59.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	127955.9	-13003.1	12637.4	-769.4	112.6	372.8
12-12	29442.6	41339.3	7118.4	22.5	-357.9	509.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-254.2	0.0	16.0	255.7
12-12	si	13	Tz	30.4	-23.6	0.0	51.0
6- 1	si	5	Ty	-38.4	0.0	-23.7	56.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	132926.3	-15170.3	12637.4	-769.4	112.6	143.6
12-12	38793.2	48229.2	7118.4	22.5	-357.9	460.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-267.6	0.0	16.0	269.0
12-12	si	13	Tz	27.9	-23.1	0.0	48.8
12-12	si	9	Ty	51.9	0.0	-23.1	65.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	133484.0	-17337.4	12637.4	-769.4	112.6	-85.6
12-12	47146.5	55119.0	7118.4	22.5	-357.9	411.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-273.5	0.0	16.0	274.9
12-12	si	13	Tz	27.1	-22.6	0.0	47.7
12-12	si	9	Ty	55.0	0.0	-22.5	67.5

-----  
VERIFICA STABILITA` :

L0 = 154.  
Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr= 6476635.3 | alfa(a)=0.2100 | ki=0.9951 |  
Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr= 2852404.7 | alfa(a)=0.2100 | ki=0.9691 |  
Caso 6-1 - Nodo 1 - Asse Y  
Ned = -769.4 | Mzeq = 120911.6 | Myeq = -13003.1 | Ss = -242.7 ( 0.072 )

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-----  
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	133484.0	-17337.4	12637.4	-769.4	-121.1	-178.6
12-12	47146.5	55119.0	7118.5	42.3	385.1	298.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-273.5	0.0	16.0	274.9
12-12	si	14	Tz	186.4	22.2	0.0	190.3
12-12	si	10	Ty	-198.1	0.0	-21.8	201.7

-----  
PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	128382.2	-15170.3	12637.4	-769.4	-121.1	-391.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-259.9	0.0	16.0	261.4
6-1	si	14	Tz	178.7	-23.2	0.0	183.2
6-1	si	5	Ty	-43.4	0.0	24.1	60.2

-----  
PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	119468.3	-13003.1	12637.4	-769.4	-121.1	-604.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-239.9	0.0	16.0	241.5
6-1	si	14	Tz	167.9	-25.4	0.0	173.5
6-1	si	5	Ty	-38.4	0.0	28.5	62.6

-----  
PROGR. 54.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	106742.5	-10835.9	12637.4	-769.4	-121.1	-817.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-213.5	0.0	16.0	215.3
6-1	si	14	Tz	150.6	-27.5	0.0	158.0
6-1	si	5	Ty	-33.4	0.0	32.9	66.1

-----  
PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	90204.7	-8668.7	12637.4	-769.4	-121.1	-1030.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-180.6	0.0	16.0	182.7
6-1	si	14	Tz	126.9	-29.7	0.0	136.9
6-1	si	5	Ty	-28.4	0.0	37.3	70.6

-----  
PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	63569.9	20669.6	7118.5	42.3	385.1	68.9
6-1	69854.9	-6501.5	12637.4	-769.4	-121.1	-1243.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	155.2	0.0	9.0	156.0
6-1	si	14	Tz	96.7	-31.8	0.0	111.3
6-1	si	5	Ty	-23.5	0.0	41.7	76.0

-----  
PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	68073.0	11407.5	5850.0	-63.1	318.8	95.3
6-1	45693.1	-4334.4	12637.4	-769.4	-121.1	-1457.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-141.7	0.0	7.4	142.3
6-1	si	14	Tz	60.2	-34.0	0.0	84.2
6-1	si	5	Ty	-18.5	0.0	46.1	82.0

-----  
PROGR. 125.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	69365.4	5703.8	5850.0	-63.1	318.8	49.3
6-1	17719.3	-2167.2	12637.4	-769.4	-121.1	-1670.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	2	Sx	-130.8	0.0	7.4	131.4
6-1	si	14	Tz	17.2	-36.1	0.0	64.9
6-1	si	5	Ty	-13.5	0.0	50.5	88.6
11-15	si	15	Si	-128.7	16.3	0.0	131.8

-----  
PROGR. 143.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	-76829.3	0.0	-1495.7	-310.0	-377.2	-851.3
6-1	-14066.5	0.0	12637.4	-769.4	-121.1	-1883.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	4	Sx	-133.0	0.0	1.9	133.1

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6- 1	si 14	Tz	-32.3	-38.3	0.0	73.7
6- 1	si 5	Ty	-8.5	0.0	54.9	95.5
11- 2	si 14	Si	-133.0	-20.5	0.0	137.7

-----  
 VERIFICA STABILITA` :

L0 = 143.  
 Z |Lc = 143. |Ro = 9.06|lm = 15.8|Ncr= 7497417.0|alfa(a )=0.2100|ki=0.9985|  
 Y |Lc = 143. |Ro = 6.01|lm = 23.8|Ncr= 3301971.9|alfa(a )=0.2100|ki=0.9748|  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -769.4|Mzeq = 104051.2|Myeq = -13003.1|Ss = -214.2 ( 0.063)

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 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-110520.4	0.0	9277.1	-1010.7	58.8	2876.4
11-12	-108638.1	0.0	1335.7	-104.2	1370.3	940.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-197.6	0.0	11.8	198.7
11-12	si	14	Tz	-184.4	47.4	0.0	201.9
6- 1	si	5	Ty	-11.2	0.0	-71.2	123.8
6- 1	si	14	Si	-197.6	42.4	0.0	210.8

-----  
 PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	-92613.0	-24070.0	1335.7	-104.2	1370.3	895.1
11- 5	64119.7	23573.7	2980.2	-344.4	-1342.0	313.5
6- 1	-61831.3	-1033.6	9277.1	-1010.7	58.8	2667.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	-212.7	0.0	1.7	212.7
11- 5	si	7	Tz	-112.0	-47.4	0.0	138.8
6- 1	si	5	Ty	-13.6	0.0	-66.9	116.6
11-12	si	14	Si	-203.8	47.0	0.0	219.5

-----  
 PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	-77393.8	-48140.1	1335.7	-104.2	1370.3	850.0
11- 5	69338.4	47147.4	2980.2	-344.4	-1342.0	268.4
6- 1	-16816.7	-2067.1	9277.1	-1010.7	58.8	2458.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	-242.3	0.0	1.7	242.3
11- 5	si	7	Tz	-120.8	-47.4	0.0	146.0
6- 1	si	5	Ty	-16.0	0.0	-62.5	109.5
11-12	si	11	Si	-229.8	0.0	-44.7	242.5

-----  
 PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	73780.9	70721.1	2980.2	-344.4	-1342.0	223.2
6- 1	24523.3	-3100.7	9277.1	-1010.7	58.8	2248.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-290.8	0.0	3.8	290.8
11- 5	si	7	Tz	-128.3	-47.4	0.0	152.3
6- 1	si	5	Ty	-18.3	0.0	-58.2	102.5

-----  
 PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	77450.9	94294.8	2980.2	-344.4	-1342.0	178.1
6- 1	62188.8	-4134.2	9277.1	-1010.7	58.8	2039.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-351.1	0.0	3.8	351.2
11- 5	si	7	Tz	-134.5	-47.4	0.0	157.5
6- 1	si	5	Ty	-20.7	0.0	-53.9	95.6

-----  
 PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	80353.8	117868.6	2980.2	-344.4	-1342.0	133.0
6- 1	96179.7	-5167.8	9277.1	-1010.7	58.8	1830.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-410.2	0.0	3.8	410.3
11- 5	si	7	Tz	-139.3	-47.4	0.0	161.7
6- 1	si	5	Ty	-23.1	0.0	-49.6	88.9

-----  
 PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	82496.7	141442.3	2980.2	-344.4	-1342.0	87.9
6- 1	126496.1	-6201.3	9277.1	-1010.7	58.8	1621.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-468.0	0.0	3.8	468.0
11- 5	si	7	Tz	-143.0	-47.4	0.0	164.9
6- 1	si	5	Ty	-25.5	0.0	-45.3	82.4

-----  
 PROGR. 123.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	83889.8	165016.0	2980.2	-344.4	-1342.0	42.8
11-12	-13530.5	-168490.2	1335.7	-104.2	1370.3	624.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-524.5	0.0	3.8	524.5
11- 5	si	7	Tz	-145.3	-47.4	0.0	166.9
11-12	si	10	Ty	406.6	0.0	-41.9	413.1

-----  
 PROGR. 141.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	84547.7	188589.7	2980.2	-344.4	-1342.0	-2.3	
11-12	-3260.6	-192560.2	1335.7	-104.2	1370.3	579.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	Si	0.0	3.8	579.8
11- 5	si	7	Tz		-146.4	0.0	167.9
11-12	si	10	Ty		446.3	0.0	452.0

-----  
 VERIFICA STABILITA` :

L0 = 141.  
 Z Lc = 141. Ro = 9.06 lm = 15.5 Ncr= 7777879.1 alfa(a)=0.2100 ki=0.9994  
 Y Lc = 141. Ro = 6.01 lm = 23.4 Ncr= 3425491.4 alfa(a)=0.2100 ki=0.9761  
 Caso 11- 5 - Nodo 2 - Asse Y  
 Ned = -344.4 Mzeq = 84547.7 Myeq = 141442.3 Ss = -471.6 ( 0.139)

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 -----  
 PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	84547.7	188589.7	2980.2	-381.5	1309.4	27.4	
11-12	-3260.6	-192560.2	1335.7	-67.1	-1318.3	548.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	Si	-580.2	0.0	580.2
11- 5	si	7	Tz		-146.8	46.3	167.3
11-12	si	9	Ty		-438.3	0.0	443.6

-----  
 PROGR. 21.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	84758.3	161063.3	2980.2	-381.5	1309.4	-26.8	
11-12	7530.3	-164845.3	1335.7	-67.1	-1318.3	494.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	Si	-517.3	0.0	517.3
11- 5	si	7	Tz		-147.2	46.3	167.7
11-12	si	9	Ty		-391.0	0.0	396.9

-----  
 PROGR. 42.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	83898.5	133573.5	2980.2	-381.5	1309.4	-80.9	
11-12	17105.4	-137166.9	1335.7	-67.1	-1318.3	439.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	Si	-452.7	0.0	452.7
11- 5	si	7	Tz		-145.7	46.3	166.4
11-12	si	9	Ty		-342.0	0.0	348.5

-----  
 PROGR. 63.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	235325.8	-7151.9	9277.0	-1010.7	-17.6	558.9	
11- 5	82013.1	106145.7	2980.2	-381.5	1309.4	-135.1	
11-12	25419.8	-109550.6	1335.7	-67.1	-1318.3	385.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-424.6	0.0	425.0
11- 5	si	7	Tz		-142.6	46.3	163.6
11-12	si	9	Ty		-291.2	0.0	298.5

-----  
 PROGR. 84.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	244465.9	-6779.8	9277.0	-1010.7	-17.6	307.6	
11- 5	79189.7	78835.9	2980.2	-381.5	1309.4	-189.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-439.1	0.0	439.6
11- 5	si	7	Tz		-137.8	46.3	159.5
11- 5	si	9	Ty		56.2	0.0	85.7

-----  
 PROGR. 105.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	248306.0	-6407.6	9277.0	-1010.7	-17.6	56.4	
11- 5	75612.1	51797.9	2980.2	-381.5	1309.4	-243.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-444.7	0.0	445.2
11- 5	si	7	Tz		-131.8	46.3	154.3
11- 5	si	9	Ty		-0.5	0.0	65.8

-----  
 PROGR. 127.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	246846.0	-6035.5	9277.0	-1010.7	-17.6	-194.8	
11- 5	71679.2	24622.1	2980.2	-381.5	1309.4	-297.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-441.4	0.0	441.9
11- 5	si	7	Tz		-125.1	46.3	148.7
11- 5	si	9	Ty		-56.9	0.0	87.9

-----  
 PROGR. 148.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	240086.0	-5663.3	9277.0	-1010.7	-17.6	-446.0	
11- 5	68102.6	3254.6	2980.2	-381.5	1309.4	-351.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	-429.2	0.0	429.7
11- 5	si	7	Tz		-119.1	46.3	143.6



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

| 11- 5 | si | 9 | Ty | -100.6 | 0.0 | 39.3 | 121.5 |  
-----  
169.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	228025.9	-5291.2	9277.0	-1010.7	-17.6	-697.3
11- 5	45540.5	-38365.0	2980.2	-381.5	1309.4	-406.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	408.5
11- 5	si	7	Tz		-81.0	0.0	114.1
11- 5	si	9	Ty		-161.8	0.0	176.0

## VERIFICA STABILITA` :

L0 = 169.  
Z Lc = 169. Ro = 9.06 lm = 18.6 Ncr = 5392438.7 alfa(a) = 0.2100 ki = 0.9903  
Y Lc = 169. Ro = 6.01 lm = 28.1 Ncr = 2374908.7 alfa(a) = 0.2100 ki = 0.9612  
Casoll- 5 - Nodo 2 - Asse Y  
Ned = -381.5 Mzeq = 84758.3 Myeq = 141442.3 Ss = -472.4 ( 0.140)

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0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	228025.9	-5291.2	9276.9	-1010.7	-40.1	-564.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	408.5
6- 1	si	14	Tz		-18.5	0.0	364.6
6- 1	si	5	Ty		-23.4	0.0	46.8

-----  
18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	216111.9	-4578.2	9276.9	-1010.7	-40.1	-776.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	386.8
6- 1	si	14	Tz		-20.7	0.0	346.3
6- 1	si	5	Ty		-21.7	0.0	52.8

-----  
36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	200434.1	-3865.2	9276.9	-1010.7	-40.1	-987.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	358.7
6- 1	si	14	Tz		-22.8	0.0	321.8
6- 1	si	5	Ty		-20.1	0.0	59.2

-----  
53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	180992.3	-3152.2	9276.9	-1010.7	-40.1	-1199.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	324.4
6- 1	si	14	Tz		-25.0	0.0	291.2
6- 1	si	5	Ty		-18.4	0.0	65.9
6- 1	si	13	Si		-322.6	0.0	325.0

-----  
71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	157786.7	-2439.2	9276.9	-1010.7	-40.1	-1411.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	283.7
6- 1	si	14	Tz		-27.1	0.0	254.6
6- 1	si	5	Ty		-16.8	0.0	72.8
6- 1	si	13	Si		-282.0	0.0	285.3

-----  
89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	130817.2	-1726.2	9276.9	-1010.7	-40.1	-1622.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	236.7
6- 1	si	14	Tz		-29.2	0.0	212.3
6- 1	si	5	Ty		-15.2	0.0	79.9
6- 1	si	13	Si		-235.2	0.0	239.8

-----  
107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	100083.7	-1013.2	9276.9	-1010.7	-40.1	-1834.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	Si	0.0	11.8	183.5
6- 1	si	14	Tz		-31.4	0.0	164.9
6- 1	si	5	Ty		-13.5	0.0	87.1
6- 1	si	13	Si		-182.0	0.0	188.9

-----  
124.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	40033.9	26168.6	1335.7	-30.3	142.1	-258.5
6- 1	65586.4	-300.2	9276.9	-1010.7	-40.1	-2046.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	2	Sx	Si	0.0	1.7	128.0
6- 1	si	14	Tz		98.8	0.0	114.6
6- 1	si	5	Ty		-11.9	0.0	94.4
6- 1	si	15	Si		-121.2	0.0	134.4

----- PROGR. 142.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-12	34755.5	25560.6	1335.7	-30.3	142.1	-304.2		
6- 1	27325.1	412.8	9276.9	-1010.7	-40.1	-2258.0		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-117.7	0.0	1.7	117.7
6- 1	si	14	Tz		35.7	-35.7	0.0	71.3
6- 1	si	5	Ty		-10.3	0.0	58.4	101.7

----- VERIFICA STABILITA' :

Z |L0 = 142. |  
 |Lc = 142. |Ro = 9.06 |lm = 15.7 |Ncr= 7593228.2 |alfa(a)=0.2100 |ki=0.9988 |  
 Y |Lc = 142. |Ro = 6.01 |lm = 23.6 |Ncr= 3344168.5 |alfa(a)=0.2100 |ki=0.9753 |  
 Caso 6- 1 - Nodo 1 - Asse Y  
 Ned = -1010.7 |Mzeq = 192074.5 |Myeq = -3968.4 |Ss = -344.6 ( 0.102)

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----- PROGR. 0.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11-11	33700.3	26267.7	1686.3	22.7	170.6	-262.0		
6- 1	27325.1	412.8	9276.9	-1010.7	2.7	-2143.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-11	si	4	Sx	Si	117.5	0.0	2.1	117.5
6- 1	si	13	Tz		-56.5	33.5	0.0	81.0
6- 1	si	5	Ty		-10.3	0.0	56.0	97.6

----- PROGR. 19.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11- 6	-34711.8	-22670.2	2629.6	-471.3	-168.2	-796.9		
6- 1	-16141.0	361.2	9276.9	-1010.7	2.7	-2372.6		
11- 5	-35660.0	-22051.4	2980.2	-453.0	-163.6	-791.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 6	si	4	Sx		-115.9	0.0	3.3	116.0
6- 1	si	13	Tz		16.7	35.8	0.0	64.3
6- 1	si	5	Ty		-10.4	0.0	60.8	105.8
11- 5	si	4	Si		-115.8	0.0	3.8	116.0

----- PROGR. 38.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
11- 6	-50019.0	-19431.6	2629.6	-471.3	-168.2	-846.4		
6- 1	-64019.9	309.6	9276.9	-1010.7	2.7	-2601.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 6	si	4	Sx		-134.2	0.0	3.3	134.4
6- 1	si	13	Tz		97.4	38.2	0.0	117.7
6- 1	si	5	Ty		-10.5	0.0	65.5	114.0
6- 1	si	16	Si		-119.8	38.2	0.0	136.8

----- PROGR. 58.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	-116311.6	258.0	9276.9	-1010.7	2.7	-2831.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx		-208.0	0.0	11.8	209.0
6- 1	si	13	Tz		185.5	40.5	0.0	198.3
6- 1	si	5	Ty		-10.6	0.0	70.3	122.1
6- 1	si	16	Si		-207.9	40.5	0.0	219.4

----- PROGR. 77.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	-173016.2	206.4	9276.9	-1010.7	2.7	-3060.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx		-303.5	0.0	11.8	304.2
6- 1	si	13	Tz		281.0	42.8	0.0	290.6
6- 1	si	5	Ty		-10.7	0.0	75.0	130.3
6- 1	si	16	Si		-303.4	42.8	0.0	312.3

----- PROGR. 96.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	-234133.5	154.8	9276.9	-1010.7	2.7	-3289.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx		-406.5	0.0	11.8	407.0
6- 1	si	13	Tz		384.0	45.1	0.0	391.9
6- 1	si	5	Ty		-10.8	0.0	79.7	138.5
6- 1	si	16	Si		-406.4	45.1	0.0	413.9

----- PROGR. 115.

SOLLECITAZIONI :								
Caso	MZ	MY	MT	N	TZ	TY		
6- 1	-299663.7	103.2	9276.9	-1010.7	2.7	-3518.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx		-516.9	0.0	11.8	517.3
6- 1	si	13	Tz		494.4	47.4	0.0	501.2
6- 1	si	5	Ty		-11.0	0.0	84.5	146.7
6- 1	si	16	Si		-516.8	47.4	0.0	523.3

----- PROGR. 135.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-369606.6	51.6	9276.9	-1010.7	2.7	-3748.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

6-1	si	3	Sx	-634.7	0.0	11.8	635.1
6-1	si	13	Tz	612.3	49.8	0.0	618.4
6-1	si	5	Ty	-11.1	0.0	89.2	154.9
6-1	si	16	Si	-634.7	49.8	0.0	640.5

-----  
PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-443962.3	0.0	9276.9	-1010.7	2.7	-3977.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-760.0	0.0	11.8	760.3
6-1	si	13	Tz	737.6	52.1	0.0	743.1
6-1	si	5	Ty	-11.2	0.0	93.9	163.1
6-1	si	16	Si	-760.0	52.1	0.0	765.4

## VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -1010.7 | Mzeq = -332971.8 | Myeq = 309.6 | Ss = -574.0 ( 0.170)

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-----  
PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-434008.3	0.0	-8004.3	-1014.3	-33.5	3940.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-743.3	0.0	10.2	743.5
6-1	si	13	Tz	720.8	-50.9	0.0	726.2
6-1	si	5	Ty	-11.2	0.0	-91.6	159.0
6-1	si	16	Si	-743.3	-50.9	0.0	748.5

-----  
PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-360358.8	645.5	-8004.3	-1014.3	-33.5	3711.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-620.5	0.0	10.2	620.8
6-1	si	13	Tz	597.8	-48.6	0.0	603.7
6-1	si	5	Ty	-9.8	0.0	-86.8	150.7
6-1	si	16	Si	-620.3	-48.6	0.0	626.0

-----  
PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-291122.2	1290.9	-8004.3	-1014.3	-33.5	3482.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-505.2	0.0	10.2	505.5
6-1	si	13	Tz	482.3	-46.3	0.0	488.9
6-1	si	5	Ty	-8.3	0.0	-82.1	142.4
6-1	si	16	Si	-504.8	-46.3	0.0	511.1

-----  
PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-226298.3	1936.4	-8004.3	-1014.3	-33.5	3252.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-397.4	0.0	10.2	397.8
6-1	si	13	Tz	374.2	-43.9	0.0	381.9
6-1	si	5	Ty	-6.8	0.0	-77.4	134.1
6-1	si	16	Si	-396.7	-43.9	0.0	403.9

-----  
PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-165887.3	2581.8	-8004.3	-1014.3	-33.5	3023.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-297.0	0.0	10.2	297.5
6-1	si	13	Tz	273.5	-41.6	0.0	282.9
6-1	si	5	Ty	-5.3	0.0	-72.6	125.9
6-1	si	16	Si	-296.0	-41.6	0.0	304.7

-----  
PROGR. 96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-109889.0	3227.3	-8004.3	-1014.3	-33.5	2794.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-204.0	0.0	10.2	204.8
6-1	si	13	Tz	180.3	-39.3	0.0	192.8
6-1	si	5	Ty	-3.8	0.0	-67.9	117.6
6-1	si	16	Si	-202.8	-39.3	0.0	213.9

-----  
PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-11	-53173.9	-16166.7	-1299.9	-215.4	140.0	807.2
6-1	-58303.6	3872.8	-8004.3	-1014.3	-33.5	2565.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	4	Sx	-129.2	0.0	1.6	129.3
6-1	si	13	Tz	94.6	-37.0	0.0	114.2
6-1	si	5	Ty	-2.3	0.0	-63.1	109.4
6-1	si	16	Si	-117.1	-37.0	0.0	133.4

-----  
PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-11	-38157.7	-18861.1	-1299.9	-215.4	140.0	757.8

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6-1			-11131.0	4518.2	-8004.3	-1014.3	-33.5	2335.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-11	si	4	Sx	Si	-110.1	0.0	1.6	110.1
6-1	si	13	Tz		16.3	-34.7	0.0	62.2
6-1	si	5	Ty		-0.9	0.0	-58.4	101.2
								PROGR. 154.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
11-6			39554.2	24363.6	-2251.3	-233.3	-158.2	281.0
6-1			31628.9	5163.7	-8004.3	-1014.3	-33.5	2106.7
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-6	si	2	Sx	Si	-125.3	0.0	2.9	125.4
6-1	si	13	Tz		-54.6	-32.4	0.0	78.3
6-1	si	5	Ty		0.6	0.0	-53.7	93.0

## VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -1014.3 | Mzeq = -325506.2 | Myeq = 3872.8 | Ss = -569.6 ( 0.168)

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 PROGR. 0.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
11-6			39554.2	24363.6	-2251.3	-260.0	-160.4	259.5
6-1			31628.9	5163.7	-8004.4	-1014.3	17.8	2238.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-6	si	2	Sx	Si	-125.6	0.0	2.9	125.7
6-1	si	14	Tz		52.1	33.3	0.0	77.7
6-1	si	5	Ty		0.6	0.0	-56.4	97.7
								PROGR. 18.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			69769.1	4844.6	-8004.4	-1014.3	17.8	2025.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-140.1	0.0	10.2	141.2
6-1	si	14	Tz		115.8	31.1	0.0	127.7
6-1	si	5	Ty		-0.1	0.0	-52.0	90.1
6-1	si	15	Si		-138.3	31.1	0.0	148.4
								PROGR. 36.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			104097.3	4525.6	-8004.4	-1014.3	17.8	1812.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-197.2	0.0	10.2	198.0
6-1	si	14	Tz		173.1	29.0	0.0	180.2
6-1	si	5	Ty		-0.8	0.0	-47.6	82.4
6-1	si	15	Si		-195.6	29.0	0.0	201.9
								PROGR. 54.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			134613.6	4206.6	-8004.4	-1014.3	17.8	1599.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-248.0	0.0	10.2	248.6
6-1	si	14	Tz		223.9	26.8	0.0	228.7
6-1	si	5	Ty		-1.6	0.0	-43.2	74.8
6-1	si	15	Si		-246.4	26.8	0.0	250.7
								PROGR. 72.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			161317.8	3887.5	-8004.4	-1014.3	17.8	1386.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-292.3	0.0	10.2	292.8
6-1	si	14	Tz		268.4	24.6	0.0	271.7
6-1	si	5	Ty		-2.3	0.0	-38.8	67.2
6-1	si	15	Si		-290.8	24.6	0.0	294.0
								PROGR. 89.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			184210.0	3568.5	-8004.4	-1014.3	17.8	1173.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-330.1	0.0	10.2	330.6
6-1	si	14	Tz		306.4	22.5	0.0	308.8
6-1	si	5	Ty		-3.0	0.0	-34.4	59.6
6-1	si	15	Si		-328.8	22.5	0.0	331.1
								PROGR. 107.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			203290.2	3249.5	-8004.4	-1014.3	17.8	959.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-361.6	0.0	10.2	362.0
6-1	si	14	Tz		337.9	20.3	0.0	339.8
6-1	si	5	Ty		-3.8	0.0	-30.0	52.1
6-1	si	15	Si		-360.4	20.3	0.0	362.1
								PROGR. 125.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY

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6-1			218558.5		2930.4		-8004.4		-1014.3		17.8		746.8
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx	Si	-386.6		0.0		10.2		387.0		
6-1	si	14	Tz		363.1		18.2		0.0		364.4		
6-1	si	5	Ty		-4.5		0.0		-25.6		44.5		

PROGR. 143.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			230014.7		2611.4		-8004.4		-1014.3		17.8		533.8
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx	Si	-405.2		0.0		10.2		405.6		
6-1	si	14	Tz		381.8		16.0		0.0		382.8		
6-1	si	5	Ty		-5.2		0.0		-21.2		37.1		

## VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.0 | alfa(a) = 0.2100 | ki = 0.9985 |  
 Y | Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -1014.3 | Mzeq = 196498.2 | Myeq = 5053.8 | Ss = -354.6 ( 0.105 )

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 PROGR. 0.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			230014.7		2611.4		-8004.3		-1014.3		14.7		695.1
11-5			53743.2		33256.2		-2060.7		-286.8		1298.6		-132.9
11-12			52318.0		-31639.0		-1490.5		-161.9		-1291.3		422.6
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx	Si	-405.2		0.0		10.2		405.6		
11-5	si	7	Tz		-93.8		44.8		0.0		121.8		
11-12	si	9	Ty		-154.3		0.0		-37.8		167.6		

PROGR. 21.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			241977.8		2302.1		-8004.3		-1014.3		14.7		445.2
11-5			45985.0		-10833.3		-2060.7		-286.8		1298.6		-186.8
11-12			65024.1		12296.6		-1490.5		-161.9		-1291.3		368.7
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx	Si	-424.7		0.0		10.2		425.0		
11-5	si	7	Tz		-80.7		44.8		0.0		112.0		
11-12	si	9	Ty		-72.7		0.0		-37.2		97.1		

PROGR. 42.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			248697.6		1992.7		-8004.3		-1014.3		14.7		195.3
11-5			42430.7		-30974.5		-2060.7		-286.8		1298.6		-240.7
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx	Si	-435.3		0.0		10.2		435.7		
11-5	si	7	Tz		-74.7		44.8		0.0		107.8		
11-5	si	9	Ty		-139.1		0.0		36.5		152.8		

PROGR. 63.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			250174.1		1683.4		-8004.3		-1014.3		14.7		-54.6
11-5			37149.8		-56502.1		-2060.7		-286.8		1298.6		-294.6
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx	Si	-437.1		0.0		10.2		437.4		
11-5	si	7	Tz		-65.8		44.8		0.0		101.8		
11-5	si	9	Ty		-189.7		0.0		37.2		200.3		

PROGR. 84.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			246407.4		1374.1		-8004.3		-1014.3		14.7		-304.5
11-5			30568.2		-83040.7		-2060.7		-286.8		1298.6		-348.5
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx	Si	-430.0		0.0		10.2		430.4		
11-5	si	7	Tz		-54.7		44.8		0.0		95.0		
11-5	si	9	Ty		-240.6		0.0		37.8		249.4		

PROGR. 105.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			237397.3		1064.8		-8004.3		-1014.3		14.7		-554.3
11-5			22787.9		-109906.6		-2060.7		-286.8		1298.6		-402.4
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	2	Sx		-414.1		0.0		10.2		414.5		
11-5	si	7	Tz		-41.6		44.8		0.0		88.1		
11-5	si	9	Ty		-290.5		0.0		38.5		298.0		
6-1	si	15	Si		-413.7		-15.4		0.0		414.6		

PROGR. 126.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-12			87978.9		137611.0		-1490.5		-161.9		-1291.3		99.2
11-5			13843.5		-136916.8		-2060.7		-286.8		1298.6		-456.3
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
11-12	si	2	Sx	Si	-466.4		0.0		1.9		466.4		
11-5	si	7	Tz		-26.5		44.8		0.0		82.0		
11-5	si	9	Ty		-338.9		0.0		39.1		345.6		

PROGR. 147.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	89450.4	164543.2	-1490.5	-161.9	-1291.3	45.3	
11- 5	3749.5	-164002.8	-2060.7	-286.8	1298.6	-510.1	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-530.8	0.0	1.9	530.8
11- 5	si	7	Tz		-9.5	44.8	0.0	78.2
11- 5	si	9	Ty		-385.8	0.0	39.8	391.9

----- PROGR. 168.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	89802.5	191520.1	-1490.5	-161.9	-1291.3	-8.6	
11- 5	-7486.9	-191133.6	-2060.7	-286.8	1298.6	-564.0	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-593.4	0.0	1.9	593.4
11- 5	si	7	Tz		9.5	44.8	0.0	78.2
11- 5	si	9	Ty		-431.0	0.0	40.4	436.6

----- PROGR. 168.

## VERIFICA STABILITA` :

L0 = 168. |  
 Z |Lc = 168. |Ro = 9.06|lm = 18.5|Ncr= 5450796.1|alfa(a )=0.2100|ki=0.9906|  
 Y |Lc = 168. |Ro = 6.01|lm = 27.9|Ncr= 2400610.2|alfa(a )=0.2100|ki=0.9617|  
 Caso11-12 - Nodo 2 - Asse Y  
 Ned = -161.9|Mzeq = 89802.5|Myeq = 143640.1|Ss = -483.4 ( 0.143)

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 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	89802.5	191520.1	-1490.5	-127.2	1322.3	-5.2	
11- 5	-7486.9	-191133.6	-2060.7	-321.4	-1319.7	-551.4	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-593.0	0.0	1.9	593.0
11- 5	si	7	Tz		9.1	-45.5	0.0	79.3
11- 5	si	10	Ty		447.1	0.0	40.8	452.6

----- PROGR. 18.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	89277.4	167580.1	-1490.5	-127.2	1322.3	-51.7	
11- 5	-17881.6	-167241.9	-2060.7	-321.4	-1319.7	-597.9	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-537.1	0.0	1.9	537.1
11- 5	si	7	Tz		26.6	-45.5	0.0	83.2
11- 5	si	10	Ty		408.0	0.0	41.3	414.2

----- PROGR. 36.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	87911.9	143640.1	-1490.5	-127.2	1322.3	-98.2	
11- 5	-29119.6	-143350.2	-2060.7	-321.4	-1319.7	-644.4	
6- 1	129081.3	102.6	-8004.3	-1014.3	0.9	-1591.7	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-479.8	0.0	1.9	479.8
11- 5	si	7	Tz		45.6	-45.5	0.0	91.0
6- 1	si	5	Ty		-11.0	0.0	43.0	75.3

----- PROGR. 54.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	85705.7	119700.1	-1490.5	-127.2	1322.3	-144.7	
11- 5	-41200.6	-119458.5	-2060.7	-321.4	-1319.7	-690.9	
6- 1	98313.4	85.5	-8004.3	-1014.3	0.9	-1807.3	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-421.0	0.0	1.9	421.0
11- 5	si	7	Tz		65.9	-45.5	0.0	102.8
6- 1	si	5	Ty		-11.0	0.0	47.5	83.0

----- PROGR. 72.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	82658.6	95760.1	-1490.5	-127.2	1322.3	-191.2	
11- 5	-54124.3	-95566.8	-2060.7	-321.4	-1319.7	-737.4	
6- 1	63642.4	68.4	-8004.3	-1014.3	0.9	-2022.9	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-360.9	0.0	1.9	360.9
11- 5	si	7	Tz		87.7	-45.5	0.0	117.9
6- 1	si	5	Ty		-11.1	0.0	51.9	90.6

----- PROGR. 91.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-12	78770.3	71820.1	-1490.5	-127.2	1322.3	-237.7	
11- 5	-67890.6	-71675.1	-2060.7	-321.4	-1319.7	-783.9	
6- 1	25068.1	51.3	-8004.3	-1014.3	0.9	-2238.5	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	2	Sx	Si	-299.3	0.0	1.9	299.3
11- 5	si	7	Tz		110.9	-45.5	0.0	136.1
6- 1	si	5	Ty		-11.1	0.0	56.4	98.3

----- PROGR. 109.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 5	-82499.3	-47783.4	-2060.7	-321.4	-1319.7	-830.4	
6- 1	-17409.3	34.2	-8004.3	-1014.3	0.9	-2454.0	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11- 5	si	7	Tz		34.2	-45.5	0.0	136.1
6- 1	si	5	Ty		-11.1	0.0	56.4	98.3

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	4	Sx Si	-252.5	0.0	2.6	252.6
11- 5	si	14	Tz Si	-234.9	-45.9	0.0	248.0
6- 1	si	5	Ty	-11.2	0.0	60.9	106.0

PROGR. 127.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 5	-97950.3	-23891.7	-2060.7	-321.4	-1319.7	-876.9
6- 1	-63790.0	17.1	-8004.3	-1014.3	0.9	-2669.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	4	Sx	-223.7	0.0	2.6	223.7
11- 5	si	14	Tz Si	-214.9	-46.4	0.0	229.4
6- 1	si	5	Ty	-11.2	0.0	65.3	113.7

PROGR. 145.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-114073.9	0.0	-8004.3	-1014.3	0.9	-2885.2
11- 5	-114243.6	0.0	-2060.7	-321.4	-1319.7	-923.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-203.6	0.0	10.2	204.4
11- 5	si	14	Tz Si	-196.3	-46.8	0.0	212.4
6- 1	si	5	Ty	-11.2	0.0	69.8	121.3
6- 1	si	16	Si	-203.6	39.4	0.0	214.8

## VERIFICA STABILITA` :

L0 = 145.  
 Z | Lc = 145. | Ro = 9.06 | lm = 16.0 | Ncr = 7322212.1 | alfa(a) = 0.2100 | ki = 0.9980 |  
 Y | Lc = 145. | Ro = 6.01 | lm = 24.1 | Ncr = 3224809.1 | alfa(a) = 0.2100 | ki = 0.9739 |  
 Caso 11-12 - Nodo 2 - Asse Y  
 Ned = -127.2 | Mzeq = 89802.5 | Myeq = 143640.1 | Ss = -483.0 ( 0.143 )

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 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	18214.3	110333.5	9748.1	158.7	-410.1	363.3
6- 1	69978.6	2984.3	34071.2	72.8	55.5	1649.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx Si	286.0	0.0	12.4	286.8
6- 1	si	14	Tz Si	124.6	61.4	0.0	163.8
6- 1	si	5	Ty	7.7	0.0	-77.3	134.1

PROGR. 21.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	24734.8	93854.1	9748.1	158.7	-410.1	309.1
6- 1	102117.9	1813.8	34071.2	72.8	55.5	1397.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx Si	259.1	0.0	12.4	260.0
6- 1	si	14	Tz Si	176.5	58.8	0.0	203.8
6- 1	si	5	Ty	5.0	0.0	-72.1	125.0

PROGR. 42.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-16	30123.7	77512.5	9748.1	158.7	-410.1	255.0
6- 1	128957.2	643.2	34071.2	72.8	55.5	1146.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	230.7	0.0	12.4	231.7
6- 1	si	14	Tz Si	219.6	56.3	0.0	240.2
6- 1	si	5	Ty	2.3	0.0	-66.9	115.9

PROGR. 63.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	150496.5	-527.3	34071.2	72.8	55.5	895.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	255.9	0.0	43.2	266.6
6- 1	si	14	Tz Si	253.6	53.7	0.0	270.2
6- 1	si	5	Ty	-0.4	0.0	-61.7	106.9
6- 1	si	16	Si	255.7	-50.8	0.0	270.4

PROGR. 84.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	166735.7	-1697.8	34071.2	72.8	55.5	644.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	285.9	0.0	43.2	295.6
6- 1	si	14	Tz Si	278.8	51.2	0.0	292.5
6- 1	si	5	Ty	-3.1	0.0	-56.5	98.0
6- 1	si	16	Si	285.3	-48.3	0.0	297.3

PROGR. 105.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	177674.9	-2868.4	34071.2	72.8	55.5	392.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	307.1	0.0	43.2	316.1
6- 1	si	14	Tz Si	295.0	48.7	0.0	306.8
6- 1	si	5	Ty	-5.8	0.0	-51.3	89.1
6- 1	si	16	Si	306.0	-45.7	0.0	316.1

PROGR. 127.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	183314.1	-4038.9	34071.2	72.8	55.5	141.7

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx Si	319.3	0.0	43.2	327.9	
6-1	si	14	Tz	302.2	46.1	0.0	312.6	
6-1	si	10	Ty	-269.4	0.0	-46.3	281.1	
							PROGR.	148.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		183653.2		-5209.4	34071.2	72.8	55.5	-109.5
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx Si	322.5	0.0	43.2	331.1	
6-1	si	13	Tz	-319.0	45.8	0.0	328.7	
6-1	si	9	Ty	-291.2	0.0	45.9	301.8	
							PROGR.	169.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		178692.3		-6379.9	34071.2	72.8	55.5	-360.8
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx Si	316.9	0.0	43.2	325.6	
6-1	si	13	Tz	-312.9	48.3	0.0	323.9	
6-1	si	5	Ty	-13.9	0.0	50.7	88.9	
VERIFICA STABILITA` :								
L0 = 169.								
Z	Lc = 169.	Ro = 9.06	lm = 18.6	Ncr = 5392438.7	alfa(a) = 0.2100	ki = 0.9903		
Y	Lc = 169.	Ro = 6.01	lm = 28.1	Ncr = 2374908.7	alfa(a) = 0.2100	ki = 0.9612		
Caso11- 1 - Nodo 1 - Asse Y								
Ned = -125.9   Mzeq = 40891.0   Myeq = -81512.3   Ss = -257.7 ( 0.076)								
CASSONE_S005 ( 5) stato limite ultimo - ASTA ( 120- 121) 220								
							PROGR.	0.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-461094.7		0.0	-38409.2	96.1	-11.0	3935.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	778.8	0.0	48.7	783.4	
6-1	si	13	Tz Si	778.8	-88.8	0.0	793.8	
6-1	si	5	Ty	1.1	0.0	-130.0	225.2	
							PROGR.	19.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-387535.2		212.5	-38409.2	96.1	-11.0	3706.7
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	655.2	0.0	48.7	660.6	
6-1	si	13	Tz Si	655.1	-86.5	0.0	672.1	
6-1	si	5	Ty	1.6	0.0	-125.3	217.0	
							PROGR.	38.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-318388.6		425.1	-38409.2	96.1	-11.0	3477.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	539.1	0.0	48.7	545.6	
6-1	si	13	Tz Si	538.9	-84.2	0.0	558.3	
6-1	si	5	Ty	2.0	0.0	-120.6	208.8	
							PROGR.	58.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-253654.7		637.6	-38409.2	96.1	-11.0	3248.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	430.4	0.0	48.7	438.6	
6-1	si	13	Tz Si	430.1	-81.9	0.0	452.9	
6-1	si	5	Ty	2.5	0.0	-115.8	200.6	
							PROGR.	77.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-193333.6		850.2	-38409.2	96.1	-11.0	3018.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	329.1	0.0	48.7	339.8	
6-1	si	13	Tz Si	328.8	-79.6	0.0	356.5	
6-1	si	5	Ty	3.0	0.0	-111.1	192.4	
							PROGR.	96.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-137425.4		1062.7	-38409.2	96.1	-11.0	2789.7
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	235.3	0.0	48.7	250.0	
6-1	si	13	Tz Si	234.9	-77.2	0.0	270.3	
6-1	si	5	Ty	3.5	0.0	-106.4	184.2	
							PROGR.	115.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-85930.0		1275.3	-38409.2	96.1	-11.0	2560.5
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	148.9	0.0	48.7	171.2	
6-1	si	13	Tz Si	148.5	-74.9	0.0	197.2	
6-1	si	5	Ty	4.0	0.0	-101.6	176.1	
							PROGR.	135.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY



6-1			-38847.3		1487.8		-38409.2		96.1		-11.0		2331.2
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	1	Sx		70.0		0.0		48.7		109.7		
6-1	si	13	Tz		69.5		-72.6		0.0		143.7		
6-1	si	5	TySi		4.5		0.0		-96.9		167.9		

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## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-8			-3819.9		19987.3		-10406.1		-248.5		-129.8		509.2
6-1			3822.5		1700.4		-38409.2		96.1		-11.0		2102.0
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
11-8	si	3	Sx		-55.1		0.0		13.2		59.7		
6-1	si	13	Tz		-2.1		-70.3		0.0		121.8		
6-1	si	5	TySi		5.0		0.0		-92.1		159.7		

## VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso 11-8 - Nodo 3 - Asse Y  
 Ned = -248.5 | Mzeq = -84441.9 | Myeq = 14990.4 | Ss = -179.7 ( 0.053)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 121- 122) 221  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-8			-3819.9		19987.3		-10406.1		-630.7		-297.5		479.3
6-1			3822.5		1700.4		-38409.2		96.1		-26.9		2051.8
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
11-8	si	3	Sx		-59.4		0.0		13.2		63.6		
6-1	si	13	Tz		-2.1		-70.2		0.0		121.6		
6-1	si	5	TySi		5.0		0.0		-91.1		157.9		

18.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			38625.6		2181.8		-38409.2		96.1		-26.9		1838.7
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	4	Sx		71.2		0.0		48.7		110.4		
6-1	si	13	Tz		-59.9		-68.0		0.0		132.2		
6-1	si	5	TySi		6.1		0.0		-86.7		150.3		

36.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			69616.8		2663.3		-38409.2		96.1		-26.9		1625.6
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	4	Sx		124.6		0.0		48.7		150.5		
6-1	si	13	Tz		-111.2		-65.9		0.0		159.3		
6-1	si	5	Ty		7.2		0.0		-82.3		142.7		
6-1	si	14	Si		123.6		64.5		0.0		166.6		

54.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			96795.9		3144.8		-38409.2		96.1		-26.9		1412.6
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	4	Sx		171.6		0.0		48.7		191.2		
6-1	si	13	Tz		-156.1		-63.7		0.0		191.2		
6-1	si	5	Ty		8.3		0.0		-77.9		135.2		
6-1	si	14	Si		170.4		62.3		0.0		201.7		

72.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			120163.1		3626.3		-38409.2		96.1		-26.9		1199.5
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	4	Sx		212.1		0.0		48.7		228.3		
6-1	si	13	Tz		-194.6		-61.6		0.0		221.9		
6-1	si	5	Ty		9.4		0.0		-73.5		127.7		
6-1	si	14	Si		210.7		60.2		0.0		235.1		

89.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			139718.2		4107.8		-38409.2		96.1		-26.9		986.4
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	4	Sx		246.2		0.0		48.7		260.2		
6-1	si	13	Tz		-226.7		-59.4		0.0		248.9		
6-1	si	5	Ty		10.5		0.0		-69.1		120.2		
6-1	si	14	Si		244.7		58.0		0.0		264.5		

107.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			155461.4		4589.3		-38409.2		96.1		-26.9		773.4
TENSIONI (Sz= 0.00) :													
Caso	Ve	No	massimi		Sx		Tz		Ty		Si		
6-1	si	4	Sx		273.8		0.0		48.7		286.5		
6-1	si	13	Tz		-252.3		-57.3		0.0		271.1		
6-1	si	5	Ty		11.6		0.0		-64.7		112.7		
6-1	si	14	Si		272.1		55.8		0.0		288.8		

125.

## SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
6-1			167392.6		5070.7		-38409.2		96.1		-26.9		560.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	295.1	0.0	48.7	306.9
6-1	si	13	Tz	-271.5	-55.1	0.0	287.8
6-1	si	5	Ty	12.7	0.0	-60.3	105.2
6-1	si	14	Si	293.2	53.7	0.0	307.6

PROGR. 143.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	175511.7	5552.2	-38409.2	96.1	-26.9	347.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx Si	309.9	0.0	48.7	321.1
6-1	si	13	Tz	-284.3	-53.0	0.0	298.7
6-1	si	5	Ty	13.8	0.0	-55.9	97.8

## VERIFICA STABILITA` :

L0 = 143.
Z   Lc = 143.   Ro = 9.06   lm = 15.8   Ncr = 7497417.0   alfa(a) = 0.2100   ki = 0.9985
Y   Lc = 143.   Ro = 6.01   lm = 23.8   Ncr = 3301971.9   alfa(a) = 0.2100   ki = 0.9748
Casol1- 1 - Nodo 1 - Asse Y
Ned = -723.8   Mzeq = 30183.9   Myeq = -29251.8   Ss = -126.4 ( 0.037 )

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	175511.7	5552.2	-38409.2	96.1	53.2	294.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx Si	309.9	0.0	48.7	321.1
6-1	si	14	Tz Si	307.8	53.1	0.0	321.3
6-1	si	5	Ty	13.8	0.0	-54.8	95.9

PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	179070.9	4435.8	-38409.2	96.1	53.2	44.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx Si	313.3	0.0	48.7	324.5
6-1	si	14	Tz	311.7	50.6	0.0	323.7
6-1	si	10	Ty	-282.2	0.0	-50.5	295.4

PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	177386.7	3319.4	-38409.2	96.1	53.2	-205.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx Si	307.9	0.0	48.7	319.2
6-1	si	13	Tz	-291.7	52.2	0.0	305.4
6-1	si	5	Ty	8.7	0.0	53.0	92.2

PROGR. 63.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	170459.2	2203.0	-38409.2	96.1	53.2	-455.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	293.6	0.0	48.7	305.5
6-1	si	13	Tz	-282.2	54.7	0.0	297.7
6-1	si	5	Ty	6.1	0.0	58.1	100.9
6-1	si	14	Si	292.8	-51.9	0.0	306.3

PROGR. 84.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	158288.4	1086.6	-38409.2	96.1	53.2	-705.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	270.5	0.0	48.7	283.4
6-1	si	13	Tz	-263.8	57.3	0.0	281.9
6-1	si	5	Ty	3.6	0.0	63.3	109.7
6-1	si	14	Si	270.1	-54.5	0.0	286.1

PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	140874.4	-29.8	-38409.2	96.1	53.2	-954.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	238.7	0.0	48.7	253.2
6-1	si	13	Tz	-236.6	59.8	0.0	258.3
6-1	si	5	Ty	1.0	0.0	68.5	118.6
6-1	si	16	Si	238.7	59.8	0.0	260.2

PROGR. 126.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	27052.1	71378.4	-10474.2	-732.0	520.0	-251.5
6-1	118217.0	-1146.2	-38409.2	96.1	53.2	-1204.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	2	Sx	-217.8	0.0	13.3	219.0
6-1	si	13	Tz	-200.5	62.3	0.0	227.7
6-1	si	5	Ty	-1.6	0.0	73.6	127.5
6-1	si	16	Si	202.7	62.3	0.0	229.6

PROGR. 147.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	21195.8	86708.0	-10474.2	-732.0	520.0	-305.4
6-1	90316.4	-2262.7	-38409.2	96.1	53.2	-1454.6

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	Si	-243.1	0.0	13.3
6- 1	si	13	Tz		-155.6	64.8	0.0
6- 1	si	5	Ty		-4.1	0.0	78.8

PROGR. 168.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	14213.9	102187.4	-10474.2	-732.0	520.0	-359.3
6- 1	57172.4	-3379.1	-38409.2	96.1	53.2	-1704.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	Si	-266.9	0.0	13.3
6- 1	si	13	Tz		-101.9	67.4	0.0
6- 1	si	5	Ty		-6.7	0.0	83.9

## VERIFICA STABILITA` :

L0 = 168.  
 Z Lc = 168. |Ro = 9.06|lm = 18.5|Ncr= 5450796.1|alfa(a)=0.2100|ki=0.9906|  
 Y Lc = 168. |Ro = 6.01|lm = 27.9|Ncr= 2400610.1|alfa(a)=0.2100|ki=0.9617|  
 Caso11- 2 - Nodo 2 - Asse Y  
 Ned = -732.0|Mzeq = 41282.8|Myeq = 76640.6|Ss = -254.2 ( 0.075)

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 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	14213.9	102187.4	-10474.3	-1117.0	5105.4	-530.3
11-15	10654.9	-103825.3	-9734.3	1162.0	-5187.2	-257.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx		-271.2	0.0	13.3
11-15	si	7	Tz		-5.1	-181.0	0.0
11- 2	si	9	Ty		200.8	0.0	141.6
11-15	si	12	Si		267.7	0.0	-133.2

PROGR. 3.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	12913.3	89414.0	-10474.3	-1117.0	5105.4	-536.8
11-15	9968.8	-90847.1	-9734.3	1162.0	-5187.2	-263.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx		-239.6	0.0	13.3
11-15	si	7	Tz		-3.9	-181.0	0.0
11- 2	si	9	Ty		173.4	0.0	141.7
11-15	si	12	Si		236.8	0.0	-133.1

PROGR. 5.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	11610.5	76640.6	-10474.3	-1117.0	5105.4	-543.2
11-15	9253.0	-77869.0	-9734.3	1162.0	-5187.2	-270.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx		-208.1	0.0	13.3
11-15	si	7	Tz		-2.7	-181.0	0.0
11- 2	si	9	Ty		146.0	0.0	141.8
11-15	si	8	Si		28.5	-181.0	0.0

PROGR. 8.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	10314.5	63867.1	-10474.3	-1117.0	5105.4	-549.6
11-15	8498.1	-64890.8	-9734.3	1162.0	-5187.2	-276.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx		-176.5	0.0	13.3
11-15	si	7	Tz		-1.5	-181.0	0.0
11- 2	si	9	Ty		118.7	0.0	141.9
11-15	si	8	Si		27.2	-181.0	0.0

PROGR. 10.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	7687.7	-51912.6	-9734.3	1162.0	-5187.2	-283.0
11- 2	9041.8	51093.7	-10474.3	-1117.0	5105.4	-556.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx		145.1	0.0	12.3
11-15	si	7	Tz		-0.1	-181.0	0.0
11- 2	si	9	Ty		91.2	0.0	141.9
11-15	si	8	Si		25.8	-181.0	0.0

PROGR. 13.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	6795.0	-38934.5	-9734.3	1162.0	-5187.2	-289.4
11- 2	7819.2	38320.3	-10474.3	-1117.0	5105.4	-562.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx		113.8	0.0	12.3
11-15	si	7	Tz		1.4	-181.0	0.0
11- 2	si	9	Ty		63.8	0.0	142.0
11-15	si	8	Si		24.3	-181.0	0.0

PROGR. 15.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	6676.0	25546.9	-10474.3	-1117.0	5105.4	-568.9
11-15	5790.8	-25956.3	-9734.3	1162.0	-5187.2	-295.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx		-82.3	0.0	13.3
11-15	si	7	Tz		3.1	-181.0	0.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11- 2	si	9	Ty	36.1	0.0	142.1	248.8
11-15	si	8	Si	22.6	-181.0	0.0	314.3

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	5619.1	12773.4	-10474.3	-1117.0	5105.4	-575.3
11-15	4668.2	-12978.2	-9734.3	1162.0	-5187.2	-302.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-51.2	0.0	13.3	56.1
11-15	si	7	Tz	5.0	-181.0	0.0	313.5
11- 2	si	9	Ty	8.4	0.0	142.2	246.4
11-15	si	8	Si	20.8	-181.0	0.0	314.1

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	20268.6	0.0	-38409.3	96.1	-168.8	-1962.9
11-15	3450.8	0.0	-9734.3	1162.0	-5187.2	-308.7
11- 2	4624.8	0.0	-10474.3	-1117.0	5105.4	-581.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	35.3	0.0	48.7	91.5
11-15	si	7	Tz	7.1	-181.0	0.0	313.5
11- 2	si	9	Ty	-19.4	0.0	142.3	247.2
11-15	si	8	Si	18.7	-181.0	0.0	314.0

## VERIFICA STABILITA` :

L0 = 20.  
 Z | Lc = 20. | Ro = 9.06 | lm = 2.2 | Ncr=383402554.9 | alfa(a) = 0.2100 | ki=1.0000 |  
 Y | Lc = 20. | Ro = 6.01 | lm = 3.3 | Ncr=168856080.1 | alfa(a) = 0.2100 | ki=1.0000 |  
 Caso 11- 2 - Nodo 2 - Asse Y  
 Ned = -1117.0 | Mzeq = 11925.3 | Myeq = 76640.6 | Ss = -208.6 ( 0.062 )

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	-19249.8	28400.8	-3971.9	34.1	184.4	-686.6
6- 1	-42743.8	422.5	-14879.9	-84.8	2.7	-2762.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	98.1	0.0	5.0	98.5
6- 1	si	13	Tz	72.0	46.9	0.0	108.5
6- 1	si	5	Ty	0.0	0.0	75.9	131.5
6- 1	si	6	Si	-1.9	0.0	75.9	131.6

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-98127.2	369.7	-14879.9	-84.8	2.7	-2991.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-167.3	0.0	18.9	170.5
6- 1	si	13	Tz	165.3	49.2	0.0	186.0
6- 1	si	5	Ty	-0.1	0.0	80.7	139.7
6- 1	si	16	Si	-167.2	49.2	0.0	187.6

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-157923.5	316.9	-14879.9	-84.8	2.7	-3220.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-268.0	0.0	18.9	270.0
6- 1	si	13	Tz	266.0	51.5	0.0	280.6
6- 1	si	5	Ty	-0.2	0.0	85.4	147.9
6- 1	si	16	Si	-267.9	51.5	0.0	282.4

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-222132.5	264.1	-14879.9	-84.8	2.7	-3450.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-376.2	0.0	18.9	377.6
6- 1	si	13	Tz	374.2	53.9	0.0	385.7
6- 1	si	5	Ty	-0.3	0.0	90.2	156.1
6- 1	si	16	Si	-376.1	53.9	0.0	387.5

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-290754.3	211.3	-14879.9	-84.8	2.7	-3679.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-491.8	0.0	18.9	492.9
6- 1	si	13	Tz	489.9	56.2	0.0	499.5
6- 1	si	5	Ty	-0.5	0.0	94.9	164.3
6- 1	si	16	Si	-491.8	56.2	0.0	501.3

----- PROGR. 96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-363789.0	158.4	-14879.9	-84.8	2.7	-3908.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-614.9	0.0	18.9	615.8
6- 1	si	13	Tz	613.0	58.5	0.0	621.3
6- 1	si	5	Ty	-0.6	0.0	99.6	172.6
6- 1	si	16	Si	-614.8	58.5	0.0	623.1

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1			-441236.5		105.6	-14879.9	-84.8	2.7	-4137.9
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	3	Sx	-745.4	0.0	18.9	746.1		
6-1	si	13	Tz	743.5	60.8	0.0	750.9		
6-1	si	5	Ty	-0.7	0.0	104.4	180.8		
6-1	si	16	Si	-745.4	60.8	0.0	752.8		

----- PROGR. 135.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-523096.8	52.8	-14879.9	-84.8	2.7	-4367.1	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	3	Sx	-883.4	0.0	18.9	884.0		
6-1	si	13	Tz	881.5	63.1	0.0	888.2		
6-1	si	5	Ty	-0.8	0.0	109.1	189.0		
6-1	si	16	Si	-883.3	63.1	0.0	890.1		

----- PROGR. 154.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-609369.9	0.0	-14879.9	-84.8	2.7	-4596.3	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	-1028.8	0.0	18.9	1029.3		
6-1	si	13	Tz	1026.9	65.4	0.0	1033.1		
6-1	si	5	Ty	-0.9	0.0	113.8	197.2		
6-1	si	16	Si	-1028.8	65.4	0.0	1035.0		

## VERIFICA STABILITA` :

L0 = 154. |  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.2 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -84.8 | Mzeq = -457027.4 | Myeq = 316.9 | Ss = -772.6 ( 0.229 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 129- 134 ) 229  
 ----- PROGR. 0.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
12-11			-11617.3	27754.1	3562.8	-14.5	180.2	-620.3	
6-1			-18550.3	-669.3	17735.5	25.1	-4.3	-2517.4	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
12-11	si	3	Sx	-83.5	0.0	4.5	83.9		
6-1	si	14	Tz	-32.3	-48.1	0.0	89.3		
6-1	si	5	Ty	-1.3	0.0	74.5	129.1		
6-1	si	6	Si	1.8	0.0	74.5	129.1		

----- PROGR. 19.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-69215.9	-585.6	17735.5	25.1	-4.3	-2746.6	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	2	Sx	118.4	0.0	22.5	124.6		
6-1	si	14	Tz	-117.6	-50.4	0.0	146.5		
6-1	si	5	Ty	-1.1	0.0	79.2	137.3		
6-1	si	15	Si	118.2	-50.4	0.0	146.9		

----- PROGR. 38.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-124294.3	-501.9	17735.5	25.1	-4.3	-2975.8	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	2	Sx	211.1	0.0	22.5	214.6		
6-1	si	14	Tz	-210.3	-52.7	0.0	229.3		
6-1	si	5	Ty	-0.9	0.0	84.0	145.5		
6-1	si	15	Si	210.9	-52.7	0.0	229.8		

----- PROGR. 58.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-183785.6	-418.3	17735.5	25.1	-4.3	-3205.1	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	2	Sx	311.2	0.0	22.5	313.7		
6-1	si	14	Tz	-310.5	-55.0	0.0	324.8		
6-1	si	5	Ty	-0.7	0.0	88.7	153.7		
6-1	si	15	Si	311.1	-55.0	0.0	325.4		

----- PROGR. 77.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-247689.6	-334.6	17735.5	25.1	-4.3	-3434.3	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	2	Sx	418.8	0.0	22.5	420.6		
6-1	si	14	Tz	-418.1	-57.4	0.0	429.8		
6-1	si	5	Ty	-0.5	0.0	93.4	161.9		
6-1	si	15	Si	418.7	-57.4	0.0	430.3		

----- PROGR. 96.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-316006.4	-251.0	17735.5	25.1	-4.3	-3663.5	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	2	Sx	533.9	0.0	22.5	535.3		
6-1	si	14	Tz	-533.2	-59.7	0.0	543.1		
6-1	si	5	Ty	-0.3	0.0	98.2	170.1		
6-1	si	15	Si	533.8	-59.7	0.0	543.7		

----- PROGR. 115.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -388736.1 -167.3 17735.5 25.1 -4.3 -3892.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx 656.3 0.0 22.5 657.5  
 6-1 si 14 Tz -655.7 -62.0 0.0 664.5  
 6-1 si 5 Ty -0.1 0.0 102.9 178.3  
 6-1 si 15 Si 656.3 -62.0 0.0 665.0

----- PROGR. 135.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -465878.5 -83.7 17735.5 25.1 -4.3 -4122.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx 786.3 0.0 22.5 787.2  
 6-1 si 14 Tz -785.7 -64.3 0.0 793.5  
 6-1 si 5 Ty 0.1 0.0 107.7 186.5  
 6-1 si 15 Si 786.2 -64.3 0.0 794.1

----- PROGR. 154.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -547433.8 0.0 17735.5 25.1 -4.3 -4351.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 1 Sx 923.6 0.0 22.5 924.5  
 6-1 si 14 Tz -923.1 -66.6 0.0 930.3  
 6-1 si 5 Ty 0.3 0.0 112.4 194.7  
 6-1 si 15 Si 923.6 -66.6 0.0 930.8

----- VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso12-11 - Nodo 3 - Asse Y  
 Ned = -14.5 | Mzeq = -103210.1 | Myeq = 20815.6 | Ss = -222.1 ( 0.066)

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 ----- PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-11 -8395.3 28049.9 -5616.6 381.2 182.1 -528.7  
 6-1 1799.0 -1940.8 -25481.1 -15.4 -12.6 -2181.1

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 12-11 si 1 Sx 82.8 0.0 7.1 83.8  
 6-1 si 14 Tz -0.9 -54.7 0.0 94.8  
 6-1 si 5 TySi -4.6 0.0 77.4 134.1

----- PROGR. 19.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-11 -19047.2 24543.6 -5616.6 381.2 182.1 -578.1  
 6-1 -42393.4 -1698.2 -25481.1 -15.4 -12.6 -2410.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 12-11 si 1 Sx 92.7 0.0 7.1 93.6  
 6-1 si 14 Tz -75.0 -57.0 0.0 124.0  
 6-1 si 5 TySi -4.1 0.0 82.1 142.3

----- PROGR. 38.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -90998.6 -1455.6 -25481.1 -15.4 -12.6 -2639.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx -157.0 0.0 32.3 166.7  
 6-1 si 14 Tz Si -156.5 -59.4 0.0 187.2  
 6-1 si 5 Ty -3.5 0.0 86.9 150.5

----- PROGR. 58.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -144016.6 -1213.0 -25481.1 -15.4 -12.6 -2868.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx -245.9 0.0 32.3 252.2  
 6-1 si 14 Tz Si -245.4 -61.7 0.0 267.7  
 6-1 si 5 Ty -3.0 0.0 91.6 158.7

----- PROGR. 77.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -201447.4 -970.4 -25481.1 -15.4 -12.6 -3098.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx -342.2 0.0 32.3 346.7  
 6-1 si 14 Tz Si -341.8 -64.0 0.0 359.4  
 6-1 si 5 Ty -2.4 0.0 96.3 166.9

----- PROGR. 96.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -263290.9 -727.8 -25481.1 -15.4 -12.6 -3327.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx -445.9 0.0 32.3 449.4  
 6-1 si 14 Tz Si -445.7 -66.3 0.0 460.2  
 6-1 si 5 Ty -1.8 0.0 101.1 175.1

----- PROGR. 115.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -329547.3 -485.2 -25481.1 -15.4 -12.6 -3556.5

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-557.1	0.0	32.3	559.9	
6-1	si	14	Tz Si	-557.0	-68.6	0.0	569.5	
6-1	si	5	Ty	-1.3	0.0	105.8	183.2	
							PROGR.	135.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-400216.5	-242.6	-25481.1	-15.4	-12.6	-3785.7	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	4	Sx	-675.8	0.0	32.3	678.1	
6-1	si	14	Tz Si	-675.7	-71.0	0.0	686.8	
6-1	si	5	Ty	-0.7	0.0	110.5	191.4	
							PROGR.	154.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-475298.5	0.0	-25481.1	-15.4	-12.6	-4015.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-801.9	0.0	32.3	803.8
6-1	si	14	Tz Si	-801.9	-73.3	0.0	811.8
6-1	si	5	Ty	-0.2	0.0	115.3	199.6

## VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso 6-1 - Nodo 4 - Asse Y  
 Ned = -15.4 | Mzeq = -356473.9 | Myeq = -1455.6 | Ss = -604.8 ( 0.179)

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							PROGR.	0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-6	3911.2	-28294.8	-1835.0	-1.4	-183.7	-525.5	
6-1	15166.6	-1770.2	-6936.4	7.9	-11.5	-2207.9	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-6	si	1	Sx	-71.6	0.0	2.3	71.7	
6-1	si	14	Tz	22.3	-31.4	0.0	58.8	
6-1	si	5	Ty	-4.0	0.0	54.4	94.3	
6-1	si	6	Si	4.2	0.0	54.4	94.3	
							PROGR.	19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-11	-14556.5	24185.8	-2016.5	5.0	179.5	-596.6	
6-1	-29542.5	-1548.9	-6936.4	7.9	-11.5	-2437.2	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-11	si	1	Sx	80.2	0.0	2.6	80.3	
6-1	si	14	Tz	-52.7	-33.8	0.0	78.7	
6-1	si	5	Ty	-3.5	0.0	59.1	102.5	
6-1	si	6	Si	3.6	0.0	59.1	102.5	
							PROGR.	39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-78664.5	-1327.6	-6936.4	7.9	-11.5	-2666.4	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	135.8	0.0	8.8	136.7	
6-1	si	14	Tz	-135.2	-36.1	0.0	148.9	
6-1	si	5	Ty	-3.0	0.0	63.9	110.7	
6-1	si	15	Si	135.3	-36.1	0.0	149.1	
							PROGR.	58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-132199.3	-1106.4	-6936.4	7.9	-11.5	-2895.6	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	225.6	0.0	8.8	226.1	
6-1	si	14	Tz	-225.0	-38.4	0.0	234.7	
6-1	si	5	Ty	-2.5	0.0	68.6	118.9	
6-1	si	15	Si	225.2	-38.4	0.0	234.8	
							PROGR.	77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-190146.8	-885.1	-6936.4	7.9	-11.5	-3124.9	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	322.8	0.0	8.8	323.2	
6-1	si	14	Tz	-322.3	-40.7	0.0	330.0	
6-1	si	5	Ty	-1.9	0.0	73.4	127.1	
6-1	si	15	Si	322.5	-40.7	0.0	330.1	
							PROGR.	96.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-252507.2	-663.8	-6936.4	7.9	-11.5	-3354.1	

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	427.5	0.0	8.8	427.8	
6-1	si	14	Tz	-427.1	-43.0	0.0	433.6	
6-1	si	5	Ty	-1.4	0.0	78.1	135.3	
6-1	si	15	Si	427.3	-43.0	0.0	433.7	
							PROGR.	116.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-319280.4	-442.5	-6936.4	7.9	-11.5	-3583.4	

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TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	539.6	0.0	8.8	539.9
6-1	si	14	Tz	-539.3	-45.4	0.0	545.0
6-1	si	5	Ty	-0.9	0.0	82.8	143.5
6-1	si	15	Si	539.5	-45.4	0.0	545.2

----- PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-390466.4	-221.3	-6936.4	7.9	-11.5	-3812.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	659.2	0.0	8.8	659.4
6-1	si	14	Tz	-658.9	-47.7	0.0	664.1
6-1	si	5	Ty	-0.4	0.0	87.6	151.7
6-1	si	15	Si	659.1	-47.7	0.0	664.3

----- PROGR. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-466065.2	0.0	-6936.4	7.9	-11.5	-4041.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	786.2	0.0	8.8	786.3
6-1	si	14	Tz	-786.0	-50.0	0.0	790.8
6-1	si	5	Ty	0.1	0.0	92.3	159.9
6-1	si	15	Si	786.2	-50.0	0.0	791.0

VERIFICA STABILITA` :

L0 = 154. |  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Caso12-12 - Nodo 3 - Asse Y  
 Ned = -0.6 | Mzeq = -88765.7 | Myeq = 19083.7 | Ss = -193.6 ( 0.057 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 132- 137 ) 232  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-469179.3	0.0	4014.2	-20.8	-15.8	3980.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-791.6	0.0	5.1	791.6
6-1	si	13	Tz	791.1	-45.8	0.0	795.1
6-1	si	5	Ty	-0.2	0.0	-87.3	151.2
6-1	si	16	Si	-791.6	-45.8	0.0	795.6

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-394765.2	305.0	4014.2	-20.8	-15.8	3751.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-666.8	0.0	5.1	666.8
6-1	si	13	Tz	666.2	-43.5	0.0	670.4
6-1	si	5	Ty	0.5	0.0	-82.6	143.0
6-1	si	16	Si	-666.7	-43.5	0.0	670.9

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-324763.9	609.9	4014.2	-20.8	-15.8	3521.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-549.4	0.0	5.1	549.5
6-1	si	13	Tz	548.7	-41.1	0.0	553.3
6-1	si	5	Ty	1.2	0.0	-77.8	134.8
6-1	si	16	Si	-549.2	-41.1	0.0	553.8

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-259175.4	914.9	4014.2	-20.8	-15.8	3292.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-439.5	0.0	5.1	439.6
6-1	si	13	Tz	438.7	-38.8	0.0	443.8
6-1	si	5	Ty	1.9	0.0	-73.1	126.6
6-1	si	16	Si	-439.1	-38.8	0.0	444.3

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-197999.8	1219.9	4014.2	-20.8	-15.8	3063.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-337.0	0.0	5.1	337.1
6-1	si	13	Tz	336.1	-36.5	0.0	342.0
6-1	si	5	Ty	2.6	0.0	-68.4	118.5
6-1	si	16	Si	-336.6	-36.5	0.0	342.4

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-141236.9	1524.8	4014.2	-20.8	-15.8	2834.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-242.0	0.0	5.1	242.1
6-1	si	13	Tz	240.9	-34.2	0.0	248.1
6-1	si	5	Ty	3.3	0.0	-63.6	110.3
6-1	si	16	Si	-241.4	-34.2	0.0	248.6

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1						



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6-1			-88886.8		1829.8	4014.2	-20.8	-15.8	2604.9
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	3	Sx	-154.4	0.0	5.1	154.6		
6-1	si	13	Tz	153.2	-31.9	0.0	162.9		
6-1	si	5	Ty	4.0	0.0	-58.9	102.1		
6-1	si	16	Si	-153.7	-31.9	0.0	163.3		

PROGR. 135.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-40949.6	2134.7	4014.2	-20.8	-15.8	2375.6	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	3	Sx	-74.2	0.0	5.1	74.7		
6-1	si	13	Tz	73.0	-29.5	0.0	89.1		
6-1	si	5	Ty	4.7	0.0	-54.2	93.9		
6-1	si	6	Si	-5.1	0.0	-54.2	94.0		

PROGR. 154.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
11-8			-4336.2	21447.4	255.9	-175.7	-139.3	529.0	
6-1			2574.9	2439.7	4014.2	-20.8	-15.8	2146.4	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-8	si	3	Sx	-58.5	0.0	0.3	58.5		
6-1	si	13	Tz	0.1	-27.2	0.0	47.2		
6-1	si	5	Ty	5.4	0.0	-49.4	85.8		
6-1	si	6	Si	-5.8	0.0	-49.4	85.8		

## VERIFICA STABILITA` :

L0 =	154.								
Z	Lc = 154.	Ro = 9.06	lm = 17.0	Ncr = 6476635.3	alfa(a) = 0.2100	ki = 0.9951			
Y	Lc = 154.	Ro = 6.01	lm = 25.6	Ncr = 2852404.7	alfa(a) = 0.2100	ki = 0.9691			
Caso 6-1 - Nodo 3 - Asse Y									
Ned =	-20.8	Mzeq = -351884.5	Myeq = 1829.8	Ss = -598.0	( 0.177)				

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 ----- PROGR. 0.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-468963.1	0.0	-15863.3	3.4	-18.7	4052.1	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	791.0	0.0	20.1	791.8		
6-1	si	13	Tz	791.0	-61.6	0.0	798.2		
6-1	si	5	Ty	0.0	0.0	-103.8	179.8		

PROGR. 19.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-393165.7	359.7	-15863.3	3.4	-18.7	3822.9	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	664.0	0.0	20.1	664.9		
6-1	si	13	Tz	663.9	-59.3	0.0	671.8		
6-1	si	5	Ty	0.9	0.0	-99.1	171.6		

PROGR. 38.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-321781.1	719.4	-15863.3	3.4	-18.7	3593.7	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	544.4	0.0	20.1	545.6		
6-1	si	13	Tz	544.2	-57.0	0.0	553.0		
6-1	si	5	Ty	1.7	0.0	-94.4	163.4		

PROGR. 58.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-254809.3	1079.1	-15863.3	3.4	-18.7	3364.4	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	432.3	0.0	20.1	433.7		
6-1	si	13	Tz	431.9	-54.7	0.0	442.2		
6-1	si	5	Ty	2.5	0.0	-89.6	155.3		

PROGR. 77.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-192250.3	1438.8	-15863.3	3.4	-18.7	3135.2	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	327.6	0.0	20.1	329.5		
6-1	si	13	Tz	327.1	-52.3	0.0	339.4		
6-1	si	5	Ty	3.3	0.0	-84.9	147.1		

PROGR. 96.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-134104.1	1798.5	-15863.3	3.4	-18.7	2906.0	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	230.4	0.0	20.1	233.0		
6-1	si	13	Tz	229.7	-50.0	0.0	245.5		
6-1	si	5	Ty	4.2	0.0	-80.2	138.9		

PROGR. 115.

SOLLECITAZIONI :									
Caso			MZ	MY	MT	N	TZ	TY	
6-1			-80370.7	2158.2	-15863.3	3.4	-18.7	2676.7	
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	140.6	0.0	20.1	144.8		

6-1	si	13	Tz	Si	139.8	-47.7	0.0	162.4
6-1	si	5	Ty		5.0	0.0	-75.4	130.7

----- PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-8	-13161.7	19964.2	-4064.2	-56.0	-148.2	588.7
6-1	-31050.1	2517.9	-15863.3	3.4	-18.7	2447.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-8	si	3	Sx	-68.7	0.0	5.2	69.3
6-1	si	13	Tz	57.3	-45.4	0.0	97.2
6-1	si	5	TySi	5.8	0.0	-70.7	122.6

----- PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-8	-2304.5	22816.2	-4064.2	-56.0	-148.2	539.3
6-1	13857.7	2877.6	-15863.3	3.4	-18.7	2218.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-8	si	3	Sx	-56.9	0.0	5.2	57.6
6-1	si	13	Tz	-17.8	-43.1	0.0	76.7
6-1	si	5	TySi	6.6	0.0	-65.9	114.4

## VERIFICA STABILITA` :

L0 = 154.  
 Z |Lc = 154. |Ro = 9.06 |lm = 17.0 |Ncr= 6476635.3 |alfa(a)=0.2100 |ki=0.9951 |  
 Y |Lc = 154. |Ro = 6.01 |lm = 25.6 |Ncr= 2852404.7 |alfa(a)=0.2100 |ki=0.9691 |  
 Caso11- 8 - Nodo 3 - Asse Y  
 Ned = -56.0 |Mzeq = -86858.5 |Myeq = 17112.2 |Ss = -186.5 ( 0.055)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-557847.3	0.0	-28892.6	23.2	-26.7	4402.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	941.2	0.0	36.7	943.3
6-1	si	13	Tz	941.2	-81.9	0.0	951.8
6-1	si	5	Ty	0.3	0.0	-127.6	221.0

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-475308.1	514.0	-28892.6	23.2	-26.7	4173.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	803.1	0.0	36.7	805.6
6-1	si	13	Tz	803.0	-79.6	0.0	814.7
6-1	si	5	Ty	1.4	0.0	-122.9	212.8

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-397181.8	1028.0	-28892.6	23.2	-26.7	3943.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	672.5	0.0	36.7	675.5
6-1	si	13	Tz	672.2	-77.3	0.0	685.4
6-1	si	5	Ty	2.6	0.0	-118.1	204.6

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-323468.3	1542.0	-28892.6	23.2	-26.7	3714.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	549.4	0.0	36.7	553.1
6-1	si	13	Tz	548.8	-74.9	0.0	564.0
6-1	si	5	Ty	3.8	0.0	-113.4	196.4

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-254167.6	2056.1	-28892.6	23.2	-26.7	3485.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	433.7	0.0	36.7	438.3
6-1	si	13	Tz	432.9	-72.6	0.0	450.8
6-1	si	5	Ty	5.0	0.0	-108.7	188.3

----- PROGR. 96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-189279.7	2570.1	-28892.6	23.2	-26.7	3256.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	325.4	0.0	36.7	331.6
6-1	si	13	Tz	324.5	-70.3	0.0	346.6
6-1	si	5	Ty	6.2	0.0	-103.9	180.1

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-128804.6	3084.1	-28892.6	23.2	-26.7	3026.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	224.6	0.0	36.7	233.4
6-1	si	13	Tz	223.5	-68.0	0.0	252.6
6-1	si	5	Ty	7.3	0.0	-99.2	171.9

----- PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-72742.3	3598.1	-28892.6	23.2	-26.7	2797.7

TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	1	Sx	131.2	0.0	36.7	145.8		
6-1	si	13	Tz Si	129.9	-65.7	0.0	172.6		
6-1	si	5	Ty	8.5	0.0	-94.4	163.8		
								PROGR.	154.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
11-8	-10007.2		23847.1	-7265.3	178.6	-154.9	623.1		
6-1	-21092.8		4112.1	-28892.6	23.2	-26.7	2568.5		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-8	si	1	Sx	73.7	0.0	9.2	75.4		
6-1	si	13	Tz Si	43.8	-63.3	0.0	118.1		
6-1	si	5	TySi	9.7	0.0	-89.7	155.7		
								PROGR.	154.
VERIFICA STABILITA` :									
L0 = 154.									
Z	Lc = 154.	Ro = 9.06	lm = 17.0	Ncr= 6476635.3	alfa(a) = 0.2100	ki = 0.9951			
Y	Lc = 154.	Ro = 6.01	lm = 25.6	Ncr= 2852404.7	alfa(a) = 0.2100	ki = 0.9691			
Casol1-11 - Nodo 4 - Asse Y									
Ned = -255.3   Mzeq = -101170.7   Myeq = -14070.1   Ss = -205.9 ( 0.061)									
CASSONE_S005 ( 5 ) stato limite ultimo - ASTA ( 135- 140) 235									
								PROGR.	0.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
11-8	-10007.2		23847.1	-7265.3	164.2	49.7	578.8		
6-1	-21092.8		4112.1	-28892.5	23.2	5.7	2516.0		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-8	si	1	Sx	73.5	0.0	9.2	75.2		
6-1	si	14	Tz Si	-27.4	62.3	0.0	111.3		
6-1	si	5	TySi	9.7	0.0	-88.6	153.8		
								PROGR.	18.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
11-9	4058.1		-21296.4	-5548.8	-153.9	-47.1	534.6		
6-1	22016.8		4010.9	-28892.5	23.2	5.7	2303.0		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
11-9	si	1	Sx	-57.5	0.0	7.0	58.8		
6-1	si	14	Tz Si	45.1	60.1	0.0	113.5		
6-1	si	5	TySi	9.5	0.0	-84.2	146.2		
								PROGR.	36.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
6-1	61314.3		3909.7	-28892.5	23.2	5.7	2089.9		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	112.7	0.0	36.7	129.3		
6-1	si	14	Tz Si	111.2	57.9	0.0	149.8		
6-1	si	5	Ty	9.2	0.0	-79.8	138.6		
								PROGR.	54.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
6-1	96799.9		3808.5	-28892.5	23.2	5.7	1876.8		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	172.3	0.0	36.7	183.6		
6-1	si	14	Tz Si	170.9	55.8	0.0	196.3		
6-1	si	5	Ty	9.0	0.0	-75.4	131.0		
								PROGR.	72.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
6-1	128473.4		3707.2	-28892.5	23.2	5.7	1663.8		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	225.5	0.0	36.7	234.2		
6-1	si	14	Tz Si	224.1	53.6	0.0	242.6		
6-1	si	5	Ty	8.8	0.0	-71.0	123.3		
								PROGR.	89.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
6-1	156335.0		3606.0	-28892.5	23.2	5.7	1450.7		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	272.2	0.0	36.7	279.5		
6-1	si	14	Tz Si	270.9	51.5	0.0	285.2		
6-1	si	5	Ty	8.5	0.0	-66.6	115.7		
								PROGR.	107.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
6-1	180384.5		3504.8	-28892.5	23.2	5.7	1237.6		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	312.6	0.0	36.7	318.9		
6-1	si	14	Tz Si	311.3	49.3	0.0	322.8		
6-1	si	5	Ty	8.3	0.0	-62.2	108.1		
								PROGR.	125.
SOLLECITAZIONI :									
Caso	MZ		MY	MT	N	TZ	TY		
6-1	200622.0		3403.6	-28892.5	23.2	5.7	1024.6		
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
6-1	si	4	Sx	346.5	0.0	36.7	352.2		
6-1	si	14	Tz Si	345.2	47.2	0.0	354.8		
6-1	si	5	Ty	8.1	0.0	-57.8	100.5		

----- PROGR. 143.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	217047.6	3302.4	-28892.5	23.2	5.7	811.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	373.9	0.0	36.7	379.3
6-1	si	14	Tz	372.7	45.0	0.0	380.8
6-1	si	5	Ty	7.8	0.0	-53.4	92.9

VERIFICA STABILITA` :

L0 = 143.  
 Z Lc = 143. Ro = 9.06 lm = 15.8 Ncr = 7497417.1 alfa(a) = 0.2100 ki = 0.9985  
 Y Lc = 143. Ro = 6.01 lm = 23.8 Ncr = 3301971.9 alfa(a) = 0.2100 ki = 0.9748  
 Caso 11-16 - Nodo 2 - Asse Y  
 Ned = -296.1 Mzeq = 36485.7 Myeq = 18975.7 Ss = -108.5 ( 0.032)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 136- 139) 236  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-8	-2304.5	22816.2	-4064.2	-358.4	71.8	499.9
6-1	13857.7	2877.6	-15863.3	3.4	-6.2	2166.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-8	si	3	Sx	-60.3	0.0	5.2	60.9
6-1	si	13	Tz	-17.8	-42.2	0.0	75.2
6-1	si	5	TySi	6.6	0.0	-64.9	112.6

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	50710.4	2988.7	-15863.3	3.4	-6.2	1953.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	92.4	0.0	20.1	98.8
6-1	si	13	Tz	-79.7	-40.0	0.0	105.7
6-1	si	5	Ty	6.9	0.0	-60.5	105.0
6-1	si	14	Si	91.3	39.7	0.0	114.3

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	83751.1	3099.9	-15863.3	3.4	-6.2	1740.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	148.4	0.0	20.1	152.5
6-1	si	13	Tz	-135.2	-37.9	0.0	150.3
6-1	si	5	Ty	7.2	0.0	-56.1	97.4
6-1	si	14	Si	147.3	37.6	0.0	161.0

----- PROGR. 54.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	112979.7	3211.0	-15863.3	3.4	-6.2	1527.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	198.0	0.0	20.1	201.0
6-1	si	13	Tz	-184.3	-35.7	0.0	194.4
6-1	si	5	Ty	7.4	0.0	-51.7	89.8
6-1	si	14	Si	196.8	35.4	0.0	206.1

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	138396.4	3322.1	-15863.3	3.4	-6.2	1314.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	241.1	0.0	20.1	243.6
6-1	si	13	Tz	-227.0	-33.6	0.0	234.3
6-1	si	5	Ty	7.7	0.0	-47.3	82.2
6-1	si	14	Si	239.9	33.3	0.0	246.7

----- PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	160001.1	3433.2	-15863.3	3.4	-6.2	1101.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	277.8	0.0	20.1	280.0
6-1	si	13	Tz	-263.2	-31.4	0.0	268.8
6-1	si	5	Ty	7.9	0.0	-42.9	74.7
6-1	si	14	Si	276.5	31.1	0.0	281.7

----- PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	177793.8	3544.4	-15863.3	3.4	-6.2	887.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	308.1	0.0	20.1	310.0
6-1	si	13	Tz	-293.0	-29.3	0.0	297.4
6-1	si	5	Ty	8.2	0.0	-38.5	67.1
6-1	si	14	Si	306.8	28.9	0.0	310.8

----- PROGR. 125.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	191774.6	3655.5	-15863.3	3.4	-6.2	674.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	331.9	0.0	20.1	333.7
6-1	si	13	Tz	-316.4	-27.1	0.0	319.8
6-1	si	5	Ty	8.4	0.0	-34.1	59.6
6-1	si	14	Si	330.6	26.8	0.0	333.8

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----- PROGR. 143.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	201943.3	3766.6	-15863.3	3.4	-6.2	461.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	349.3	0.0	20.1	351.0
6-1	si	13	Tz	-333.3	-25.0	0.0	336.1
6-1	si	5	Ty	8.7	0.0	-29.7	52.1

----- VERIFICA STABILITA` :

L0 = 143.  
 Z Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.0 | alfa(a) = 0.2100 | ki = 0.9985 |  
 Y Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748 |  
 Caso 11-1 - Nodo 1 - Asse Y  
 Ned = -391.1 | Mzeq = 35234.4 | Myeq = -16307.0 | Ss = -101.4 ( 0.030)

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----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	239111.5	-935.6	27543.5	-99.1	-9.1	-1013.3	
11-1	52143.2	-117093.8	8338.8	377.3	-1134.3	-216.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-406.6	0.0	34.9	411.0
11-1	si	7	Tz	-83.8	-47.5	0.0	117.4
6-1	si	5	Ty	-3.2	0.0	55.9	96.8
6-1	si	13	Si	-406.2	45.0	0.0	413.6

----- PROGR. 13.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	225045.5	-818.7	27543.5	-99.1	-9.1	-1166.9	
11-1	49085.4	-102457.1	8338.8	377.3	-1134.3	-249.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-382.6	0.0	34.9	387.3
11-1	si	7	Tz	-78.6	-47.5	0.0	113.7
6-1	si	5	Ty	-3.0	0.0	59.0	102.3
6-1	si	13	Si	-382.3	46.5	0.0	390.7

----- PROGR. 26.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	208996.7	-701.7	27543.5	-99.1	-9.1	-1320.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-355.2	0.0	34.9	360.3
6-1	si	14	Tz	350.1	-48.5	0.0	360.0
6-1	si	5	Ty	-2.7	0.0	62.2	107.8
6-1	si	13	Si	-355.0	48.1	0.0	364.6

----- PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	190965.1	-584.8	27543.5	-99.1	-9.1	-1474.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-324.5	0.0	34.9	330.1
6-1	si	14	Tz	319.9	-50.1	0.0	331.4
6-1	si	5	Ty	-2.4	0.0	65.4	113.3
6-1	si	13	Si	-324.3	49.6	0.0	335.5

----- PROGR. 52.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	170950.7	-467.8	27543.5	-99.1	-9.1	-1627.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-290.5	0.0	34.9	296.8
6-1	si	14	Tz	286.3	-51.6	0.0	300.0
6-1	si	5	Ty	-2.2	0.0	68.6	118.8
6-1	si	13	Si	-290.3	51.2	0.0	303.6

----- PROGR. 65.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	148953.5	-350.9	27543.5	-99.1	-9.1	-1781.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-253.1	0.0	34.9	260.3
6-1	si	14	Tz	249.5	-53.2	0.0	265.9
6-1	si	5	Ty	-1.9	0.0	71.7	124.3
6-1	si	13	Si	-253.0	52.7	0.0	269.0

----- PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	124973.6	-233.9	27543.5	-99.1	-9.1	-1935.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-212.4	0.0	34.9	220.9
6-1	si	14	Tz	209.2	-54.8	0.0	229.7
6-1	si	5	Ty	-1.6	0.0	74.9	129.8
6-1	si	13	Si	-212.3	54.3	0.0	232.2

----- PROGR. 90.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	99010.9	-117.0	27543.5	-99.1	-9.1	-2088.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-168.4	0.0	34.9	178.9
6-1	si	14	Tz	165.7	-56.3	0.0	192.3

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6-1	si	5	Ty	-1.4	0.0	78.1	135.3
6-1	si	15	Si	-167.9	-56.3	0.0	194.2

----- PROGR. 103.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	71065.4	0.0	27543.5	-99.1	-9.1	-2242.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-121.0	0.0	34.9	135.3
6-1	si	14	Tz	118.8	-57.9	0.0	155.4
6-1	si	5	Ty	-1.1	0.0	81.3	140.8
6-1	si	15	Si	-121.0	-57.9	0.0	157.1

## VERIFICA STABILITA` :

L0 = 103.  
 Z | Lc = 103. | Ro = 9.06 | lm = 11.4 | Ncr= 14414182.9 | alfa(a)=0.2100 | ki=1.0000 |  
 Y | Lc = 103. | Ro = 6.01 | lm = 17.2 | Ncr= 6348216.5 | alfa(a)=0.2100 | ki=0.9946 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -99.1 | Mzeq = 215362.3 | Myeq = -701.7 | Ss = -366.0 ( 0.108 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 118- 119 ) 260  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	178692.3	-6379.9	34071.1	72.8	-31.6	-409.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	316.9	0.0	43.2	325.6
6-1	si	14	Tz	289.9	-48.2	0.0	301.7
6-1	si	5	Ty	-13.9	0.0	51.7	90.6

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	169535.8	-5817.3	34071.1	72.8	-31.6	-620.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	300.1	0.0	43.2	309.3
6-1	si	14	Tz	275.5	-50.3	0.0	289.0
6-1	si	5	Ty	-12.6	0.0	56.0	97.9
6-1	si	16	Si	298.0	48.7	0.0	309.7

----- PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	156615.5	-5254.7	34071.1	72.8	-31.6	-832.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	277.0	0.0	43.2	287.0
6-1	si	14	Tz	254.8	-52.5	0.0	270.6
6-1	si	5	Ty	-11.3	0.0	60.4	105.3
6-1	si	16	Si	275.1	50.8	0.0	288.8

----- PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	139931.2	-4692.0	34071.1	72.8	-31.6	-1044.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	247.6	0.0	43.2	258.7
6-1	si	14	Tz	227.8	-54.6	0.0	246.6
6-1	si	5	Ty	-10.0	0.0	64.8	112.7
6-1	si	16	Si	245.9	53.0	0.0	262.4

----- PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	119483.1	-4129.4	34071.1	72.8	-31.6	-1256.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	211.8	0.0	43.2	224.7
6-1	si	14	Tz	194.4	-56.8	0.0	217.8
6-1	si	5	Ty	-8.7	0.0	69.2	120.1
6-1	si	16	Si	210.3	55.1	0.0	230.9

----- PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	95271.0	-3566.8	34071.1	72.8	-31.6	-1467.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	169.7	0.0	43.2	185.5
6-1	si	14	Tz	154.6	-58.9	0.0	185.2
6-1	si	5	Ty	-7.4	0.0	73.5	127.6
6-1	si	16	Si	168.4	57.2	0.0	195.4

----- PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	67295.1	-3004.1	34071.1	72.8	-31.6	-1679.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	121.2	0.0	43.2	142.5
6-1	si	14	Tz	108.5	-61.0	0.0	151.5
6-1	si	5	Ty	-6.1	0.0	77.9	135.1
6-1	si	16	Si	120.1	59.4	0.0	158.1

----- PROGR. 124.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-6	11532.5	-27697.3	7784.8	55.1	6.2	-406.8
6-1	35555.2	-2441.5	34071.1	72.8	-31.6	-1891.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-6	si	3	Sx	83.7	0.0	9.9	85.4

6-1	si	14	Tz	56.1	-63.2	0.0	123.0
6-1	si	5	Ty	-4.8	0.0	82.3	142.6
6-1	si	6	Si	6.4	0.0	82.3	142.7

PROGR.

142.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-11	-7174.5	28504.2	10270.6	-22.3	-22.5	-499.9
6-1	51.5	-1878.9	34071.1	72.8	-31.6	-2102.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	3	Sx	-77.8	0.0	13.0	81.1
6-1	si	14	Tz	-2.7	-65.3	0.0	113.2
6-1	si	5	Ty	-3.5	0.0	86.7	150.1
6-1	si	6	Si	5.1	0.0	86.7	150.2

## VERIFICA STABILITA` :

L0 = 142.  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso 11 - 3 - Nodo 2 - Asse Y  
 Ned = -192.6 | Mzeq = 28826.5 | Myeq = 30153.6 | Ss = -120.1 ( 0.036)

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 PROGR. 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-11	-7174.5	28504.2	10270.5	252.6	185.1	-528.0
6-1	51.4	-1878.9	34071.1	72.8	-12.2	-2154.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	80.4	0.0	13.0	83.5
6-1	si	14	Tz	-2.7	-65.3	0.0	113.2
6-1	si	5	Ty	-3.5	0.0	87.7	152.0
6-1	si	6	Si	5.1	0.0	87.7	152.0

PROGR.

19.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-11	-17783.0	24941.1	10270.5	252.6	185.1	-577.5
6-1	-43619.9	-1644.0	34071.1	72.8	-12.2	-2383.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	90.1	0.0	13.0	92.9
6-1	si	14	Tz	-75.9	-67.7	0.0	139.6
6-1	si	5	Ty	-3.0	0.0	92.5	160.2
6-1	si	6	Si	4.6	0.0	92.5	160.2

PROGR.

39.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	-91704.1	-1409.2	34071.1	72.8	-12.2	-2612.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	158.7	0.0	43.2	175.5
6-1	si	14	Tz	-156.6	-70.0	0.0	198.0
6-1	si	5	Ty	-2.4	0.0	97.2	168.4
6-1	si	15	Si	158.2	-70.0	0.0	199.3

PROGR.

58.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	-144201.1	-1174.3	34071.1	72.8	-12.2	-2841.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	246.7	0.0	43.2	257.8
6-1	si	14	Tz	-244.7	-72.3	0.0	274.9
6-1	si	5	Ty	-1.9	0.0	101.9	176.6
6-1	si	15	Si	246.3	-72.3	0.0	276.3

PROGR.

77.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	-201110.9	-939.4	34071.1	72.8	-12.2	-3071.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	342.2	0.0	43.2	350.3
6-1	si	14	Tz	-340.2	-74.6	0.0	363.9
6-1	si	5	Ty	-1.4	0.0	106.7	184.8
6-1	si	15	Si	341.8	-74.6	0.0	365.4

PROGR.

96.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	-262433.5	-704.6	34071.1	72.8	-12.2	-3300.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	445.1	0.0	43.2	451.3
6-1	si	14	Tz	-443.2	-76.9	0.0	462.8
6-1	si	5	Ty	-0.8	0.0	111.4	193.0
6-1	si	15	Si	444.8	-76.9	0.0	464.3

PROGR.

116.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	-328168.9	-469.7	34071.1	72.8	-12.2	-3529.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	555.4	0.0	43.2	560.4
6-1	si	14	Tz	-553.6	-79.3	0.0	570.4
6-1	si	5	Ty	-0.3	0.0	116.1	201.2
6-1	si	15	Si	555.2	-79.3	0.0	572.0

PROGR.

135.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1			-398317.1		-234.9	34071.1	72.8	-12.2	-3758.7
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	2	Sx		673.2	0.0	43.2	677.3	
6-1	si	14	Tz		-671.5	-81.6	0.0	686.2	
6-1	si	5	Ty		0.3	0.0	120.9	209.4	
6-1	si	15	Si		673.1	-81.6	0.0	687.8	

----- PROGR. 154.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			-472878.2		0.0	34071.1	72.8	-12.2	-3987.9
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx		798.4	0.0	43.2	801.9	
6-1	si	14	Tz		-796.8	-83.9	0.0	809.9	
6-1	si	5	Ty		0.8	0.0	125.6	217.6	
6-1	si	15	Si		798.4	-83.9	0.0	811.5	

## VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Caso12-10 - Nodo 3 - Asse Y  
 Ned = -10.6 | Mzeq = -88923.2 | Myeq = 16258.3 | Ss = -187.5 ( 0.055 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 113- 127 ) 266  
 ----- PROGR. 0.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			215474.1		-7860.1	-14879.7	-84.8	-15.9	1044.8
11-5			55170.0		107822.6	-4846.5	-1.7	772.1	196.1
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-382.4	0.0	18.9	383.8	
11-5	si	7	Tz		-93.1	31.2	0.0	107.7	
6-1	si	5	Ty		-19.0	0.0	-40.5	72.6	

----- PROGR. 21.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			234866.0		-7525.2	-14879.7	-84.8	-15.9	793.6
11-5			58739.8		91640.5	-4846.5	-1.7	772.1	141.9
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-414.4	0.0	18.9	415.7	
11-5	si	7	Tz		-99.1	31.2	0.0	112.9	
6-1	si	5	Ty		-18.2	0.0	-35.3	63.8	

----- PROGR. 42.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			248957.8		-7190.3	-14879.7	-84.8	-15.9	542.4
11-5			61168.6		75499.4	-4846.5	-1.7	772.1	87.8
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-437.4	0.0	18.9	438.6	
11-5	si	7	Tz		-103.2	31.2	0.0	116.5	
6-1	si	5	Ty		-17.5	0.0	-30.1	54.9	

----- PROGR. 63.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			257749.6		-6855.4	-14879.7	-84.8	-15.9	291.1
11-5			62457.8		59430.1	-4846.5	-1.7	772.1	33.6
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-451.4	0.0	18.9	452.6	
11-5	si	7	Tz		-105.4	31.2	0.0	118.5	
11-5	si	10	Ty		-231.8	0.0	-25.0	235.8	

----- PROGR. 84.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			261241.4		-6520.6	-14879.7	-84.8	-15.9	39.9
11-5			62610.4		43510.7	-4846.5	-1.7	772.1	-20.6
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-456.6	0.0	18.9	457.7	
11-5	si	7	Tz		-105.6	31.2	0.0	118.7	
11-5	si	9	Ty		4.5	0.0	24.8	43.3	

----- PROGR. 105.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			259433.1		-6185.7	-14879.7	-84.8	-15.9	-211.3
11-5			61635.4		26631.4	-4846.5	-1.7	772.1	-74.8
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-452.7	0.0	18.9	453.9	
11-5	si	7	Tz		-104.0	31.2	0.0	117.2	
11-5	si	9	Ty		-32.8	0.0	25.5	55.0	

----- PROGR. 127.

SOLLECITAZIONI :									
Caso			MZ		MY	MT	N	TZ	TY
6-1			252324.8		-5850.8	-14879.7	-84.8	-15.9	-462.6
11-5			59567.2		12471.9	-4846.5	-1.7	772.1	-129.0
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi		Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-440.0	0.0	18.9	441.2	
11-5	si	7	Tz		-100.5	31.2	0.0	114.1	
6-1	si	5	Ty		-14.4	0.0	28.4	51.3	

----- PROGR. 148.

SOLLECITAZIONI :



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	239916.5	-5515.9	-14879.7	-84.8	-15.9	-713.8
11-5	56585.0	638.3	-4846.5	-1.7	772.1	-183.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-418.3	0.0	18.9	419.6
11-5	si	7	Tz	-95.5	31.2	0.0	109.7
6-1	si	5	Ty	-13.6	0.0	33.6	59.8

PROGR. 169.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	222208.1	-5181.1	-14879.7	-84.8	-15.9	-965.0
11-5	51495.6	267.1	-4846.5	-1.7	772.1	-237.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-387.6	0.0	18.9	389.0
11-5	si	7	Tz	-86.9	31.2	0.0	102.4
6-1	si	5	Ty	-12.8	0.0	38.8	68.4

VERIFICA STABILITA` :

L0 = 169. |  
 Z | Lc = 169. | Ro = 9.06 | lm = 18.6 | Ncr = 5392438.7 | alfa(a) = 0.2100 | ki = 0.9903 |  
 Y | Lc = 169. | Ro = 6.01 | lm = 28.1 | Ncr = 2374908.7 | alfa(a) = 0.2100 | ki = 0.9612 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -84.8 | Mzeq = 261241.4 | Myeq = -7860.1 | Ss = -459.7 ( 0.136 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 127- 128 ) 267  
 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	222208.1	-5181.1	-14879.9	-84.8	-39.4	-1016.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-387.6	0.0	18.9	389.0
6-1	si	14	Tz	363.9	-30.2	0.0	367.6
6-1	si	5	Ty	-12.8	0.0	39.9	70.2

PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	202262.7	-4480.6	-14879.9	-84.8	-39.4	-1227.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-352.4	0.0	18.9	353.9
6-1	si	14	Tz	331.6	-32.3	0.0	336.3
6-1	si	5	Ty	-11.2	0.0	44.2	77.4
6-1	si	13	Si	-350.7	30.3	0.0	354.6

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	178553.5	-3780.2	-14879.9	-84.8	-39.4	-1439.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-310.8	0.0	18.9	312.5
6-1	si	14	Tz	292.9	-34.5	0.0	299.0
6-1	si	5	Ty	-9.6	0.0	48.6	84.7
6-1	si	13	Si	-309.4	32.4	0.0	314.4

PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	151080.3	-3079.7	-14879.9	-84.8	-39.4	-1651.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-262.8	0.0	18.9	264.9
6-1	si	14	Tz	247.9	-36.6	0.0	255.9
6-1	si	5	Ty	-8.0	0.0	53.0	92.1
6-1	si	13	Si	-261.7	34.5	0.0	268.5

PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	119843.3	-2379.3	-14879.9	-84.8	-39.4	-1862.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-208.5	0.0	18.9	211.1
6-1	si	14	Tz	196.6	-38.8	0.0	207.8
6-1	si	5	Ty	-6.4	0.0	57.4	99.6
6-1	si	13	Si	-207.7	36.7	0.0	217.2

PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	84842.4	-1678.8	-14879.9	-84.8	-39.4	-2074.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-147.9	0.0	18.9	151.5
6-1	si	14	Tz	138.9	-40.9	0.0	155.9
6-1	si	5	Ty	-4.8	0.0	61.7	107.0
6-1	si	13	Si	-147.3	38.8	0.0	161.9

PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-6	15647.9	-27484.1	-4769.5	-67.8	31.7	-505.7
6-1	46077.5	-978.4	-14879.9	-84.8	-39.4	-2286.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-6	si	1	Sx	-90.3	0.0	6.1	90.9
6-1	si	14	Tz	74.9	-43.0	0.0	105.7
6-1	si	5	TySi	-3.2	0.0	66.1	114.5

PROGR. 124.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
12-11	-8253.6	27766.5	-3971.9	29.3	-51.2	-595.5
6-1	3548.8	-277.9	-14879.9	-84.8	-39.4	-2498.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	78.1	0.0	5.0	78.5
6-1	si	14	Tz	4.5	-45.2	0.0	78.4
6-1	si	5	TySi	-1.6	0.0	70.5	122.1

-----  
PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	-19249.8	28400.8	-3971.9	29.3	-51.2	-641.2
6-1	-42743.8	422.5	-14879.9	-84.8	-39.4	-2709.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	98.1	0.0	5.0	98.4
6-1	si	14	Tz	-72.2	-47.3	0.0	109.3
6-1	si	5	Ty	0.0	0.0	74.9	129.7
6-1	si	6	Si	-1.9	0.0	74.9	129.7

-----  
VERIFICA STABILITA` :

L0 = 142. |  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -84.8 | Mzeq = 166656.0 | Myeq = -3885.8 | Ss = -291.0 ( 0.086 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 96- 114 ) 268  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18412.7	0.0	17735.6	25.1	82.8	2291.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	31.3	0.0	22.5	50.0
6-1	si	14	Tz	31.3	47.9	0.0	88.6
6-1	si	5	TySi	0.3	0.0	-69.8	121.0

-----  
PROGR. 10.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	40722.0	-827.9	17735.6	25.1	82.8	2172.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	70.9	0.0	22.5	80.9
6-1	si	14	Tz	67.4	46.7	0.0	105.2
6-1	si	5	Ty	-1.6	0.0	-67.4	116.7
6-1	si	6	Si	2.2	0.0	-67.4	116.7

-----  
PROGR. 20.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	61841.2	-1655.9	17735.6	25.1	82.8	2053.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	108.4	0.0	22.5	115.2
6-1	si	14	Tz	101.4	45.5	0.0	128.4
6-1	si	5	Ty	-3.5	0.0	-64.9	112.5
6-1	si	16	Si	107.8	-41.1	0.0	129.1

-----  
PROGR. 30.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	81770.3	-2483.8	17735.6	25.1	82.8	1934.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	143.9	0.0	22.5	149.1
6-1	si	14	Tz	133.4	44.3	0.0	153.9
6-1	si	5	Ty	-5.4	0.0	-62.5	108.3
6-1	si	16	Si	143.0	-39.9	0.0	158.8

-----  
PROGR. 40.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	100509.4	-3311.7	17735.6	25.1	82.8	1815.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	177.4	0.0	22.5	181.6
6-1	si	14	Tz	163.4	43.0	0.0	179.6
6-1	si	5	Ty	-7.3	0.0	-60.0	104.2
6-1	si	16	Si	176.2	-38.7	0.0	188.5

-----  
PROGR. 50.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	118058.3	-4139.6	17735.6	25.1	82.8	1695.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	208.9	0.0	22.5	212.5
6-1	si	14	Tz	191.4	41.8	0.0	204.7
6-1	si	5	Ty	-9.2	0.0	-57.5	100.1
6-1	si	16	Si	207.4	-37.5	0.0	217.3

-----  
PROGR. 60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	134417.2	-4967.6	17735.6	25.1	82.8	1576.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	238.4	0.0	22.5	241.6
6-1	si	14	Tz	217.4	40.6	0.0	228.5
6-1	si	5	Ty	-11.1	0.0	-55.1	96.0
6-1	si	16	Si	236.6	-36.3	0.0	244.8

-----  
PROGR. 70.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 149586.0 -5795.5 17735.6 25.1 82.8 1457.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 265.9 0.0 22.5 268.7  
 6-1 si 14 Tz 241.4 39.4 0.0 250.9  
 6-1 si 5 Ty -13.0 0.0 -52.6 92.1  
 6-1 si 16 Si 263.8 -35.1 0.0 270.7

PROGR. 80.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 163564.7 -6623.4 17735.6 25.1 82.8 1338.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 291.4 0.0 22.5 294.0  
 6-1 si 14 Tz 263.4 38.2 0.0 271.6  
 6-1 si 5 Ty -14.9 0.0 -50.2 88.1  
 6-1 si 16 Si 288.9 -33.9 0.0 294.8

VERIFICA STABILITA` :

L0 = 80.  
 Z Lc = 80. Ro = 9.06 lm = 8.8 Ncr = 24015271.7 alfa(a) = 0.2100 ki = 1.0000  
 Y Lc = 80. Ro = 6.01 lm = 13.3 Ncr = 10576676.1 alfa(a) = 0.2100 ki = 1.0000  
 Casoll- 9 - Nodo 2 - Asse Y  
 Ned = -76.7 Mzeq = 29050.8 Myeq = 53170.7 Ss = -172.0 ( 0.051)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 114- 126) 269  
 PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 163564.7 -6623.4 17735.6 25.1 -9.5 1289.5

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 291.4 0.0 22.5 294.0  
 6-1 si 13 Tz -288.4 -35.8 0.0 295.0  
 6-1 si 5 Ty -14.9 0.0 -49.1 86.4  
 6-1 si 16 Si 288.9 -35.8 0.0 295.5

PROGR. 21.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 188119.7 -6422.9 17735.6 25.1 -9.5 1038.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 332.3 0.0 22.5 334.6  
 6-1 si 13 Tz -329.4 -33.3 0.0 334.4  
 6-1 si 5 Ty -14.5 0.0 -43.9 77.5  
 6-1 si 16 Si 330.0 -33.3 0.0 335.0

PROGR. 42.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 207374.6 -6222.3 17735.6 25.1 -9.5 787.1

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 364.4 0.0 22.5 366.4  
 6-1 si 13 Tz -361.5 -30.7 0.0 365.4  
 6-1 si 5 Ty -14.0 0.0 -38.8 68.6

PROGR. 63.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 221329.4 -6021.8 17735.6 25.1 -9.5 535.9

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 387.4 0.0 22.5 389.4  
 6-1 si 13 Tz -384.7 -28.2 0.0 387.7  
 6-1 si 5 Ty -13.6 0.0 -33.6 59.7

PROGR. 84.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 229984.2 -5821.3 17735.6 25.1 -9.5 284.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 401.6 0.0 22.5 403.5  
 6-1 si 13 Tz -398.9 -25.6 0.0 401.3  
 6-1 si 5 Ty -13.1 0.0 -28.4 50.9

PROGR. 105.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 233339.0 -5620.7 17735.6 25.1 -9.5 33.4

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 406.8 0.0 22.5 408.6  
 6-1 si 13 Tz -404.1 -23.1 0.0 406.1  
 6-1 si 5 Ty -12.6 0.0 -23.2 42.1

PROGR. 127.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 231393.7 -5420.2 17735.6 25.1 -9.5 -217.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 403.0 0.0 22.5 404.9  
 6-1 si 14 Tz 380.1 -25.0 0.0 382.6  
 6-1 si 5 Ty -12.2 0.0 27.0 48.3

PROGR. 148.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 224148.4 -5219.7 17735.6 25.1 -9.5 -469.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	390.3	0.0	22.5	392.3
6-1	si	14	Tz	368.3	-27.5	0.0	371.3
6-1	si	5	Ty	-11.7	0.0	32.2	57.0

----- PROGR. 169.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	211603.0	-5019.1	17735.6	25.1	-9.5	-720.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	368.7	0.0	22.5	370.8
6-1	si	14	Tz	347.5	-30.0	0.0	351.4
6-1	si	5	Ty	-11.3	0.0	37.4	65.7

## VERIFICA STABILITA` :

L0 = 169.  
 Z Lc = 169. | Ro = 9.06 | lm = 18.6 | Ncr = 5392438.7 | alfa(a) = 0.2100 | ki = 0.9903  
 Y Lc = 169. | Ro = 6.01 | lm = 28.1 | Ncr = 2374908.7 | alfa(a) = 0.2100 | ki = 0.9612  
 Caso11- 9 - Nodo 2 - Asse Y  
 Ned = -55.4 | Mzeq = 54077.0 | Myeq = 53170.7 | Ss = -214.0 ( 0.063)

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----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	211603.0	-5019.1	17735.6	25.1	-30.6	-771.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	368.7	0.0	22.5	370.8
6-1	si	14	Tz	347.5	-31.1	0.0	351.7
6-1	si	5	Ty	-11.3	0.0	38.4	67.5

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	196007.5	-4475.4	17735.6	25.1	-30.6	-983.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	341.2	0.0	22.5	343.4
6-1	si	14	Tz	322.2	-33.3	0.0	327.4
6-1	si	5	Ty	-10.0	0.0	42.8	74.8
6-1	si	16	Si	339.5	31.6	0.0	343.9

----- PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	176648.1	-3931.7	17735.6	25.1	-30.6	-1194.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	307.3	0.0	22.5	309.7
6-1	si	14	Tz	290.6	-35.4	0.0	297.0
6-1	si	5	Ty	-8.8	0.0	47.2	82.2
6-1	si	16	Si	305.8	33.8	0.0	311.4

----- PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	153524.8	-3387.9	17735.6	25.1	-30.6	-1406.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	267.0	0.0	22.5	269.8
6-1	si	14	Tz	252.7	-37.5	0.0	260.9
6-1	si	5	Ty	-7.5	0.0	51.6	89.6
6-1	si	16	Si	265.8	35.9	0.0	273.0

----- PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	126637.6	-2844.2	17735.6	25.1	-30.6	-1618.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	220.4	0.0	22.5	223.8
6-1	si	14	Tz	208.4	-39.7	0.0	219.4
6-1	si	5	Ty	-6.3	0.0	55.9	97.1
6-1	si	16	Si	219.4	38.1	0.0	229.1

----- PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	95986.5	-2300.5	17735.6	25.1	-30.6	-1829.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	167.5	0.0	22.5	171.9
6-1	si	14	Tz	157.7	-41.8	0.0	173.6
6-1	si	5	Ty	-5.0	0.0	60.3	104.6
6-1	si	16	Si	166.6	40.2	0.0	180.6

----- PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	61571.4	-1756.7	17735.6	25.1	-30.6	-2041.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	108.2	0.0	22.5	115.0
6-1	si	14	Tz	100.7	-44.0	0.0	126.3
6-1	si	5	Ty	-3.8	0.0	64.7	112.1
6-1	si	16	Si	107.5	42.3	0.0	130.2

----- PROGR. 124.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-6	6705.9	-27148.2	3431.2	30.4	55.1	-514.1
6-1	23392.5	-1213.0	17735.6	25.1	-30.6	-2253.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12- 6	si	3	Sx	74.0	0.0	4.4	74.4	
6- 1	si	14	Tz	37.4	-46.1	0.0	88.2	
6- 1	si	5	Ty	-2.5	0.0	69.0	119.6	
6- 1	si	6	Si	3.1	0.0	69.0	119.6	
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							PROGR.	142.

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
12-11		-11617.3		27754.1		3562.8		-19.1		-70.5		-574.3
6- 1		-18550.3		-669.3		17735.6		25.1		-30.6		-2465.1

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
12-11	si	3	Sx		-83.6		0.0		4.5		83.9	
6- 1	si	14	Tz		-32.3		-48.2		0.0		89.6	
6- 1	si	5	Ty		-1.3		0.0		73.4		127.2	
6- 1	si	6	Si		1.8		0.0		73.4		127.2	

## VERIFICA STABILITA` :

L0 = 142.  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.1 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso12- 8 - Nodo 1 - Asse Y  
 Ned = -7.8 | Mzeq = 38294.9 | Myeq = -25135.6 | Ss = -122.4 ( 0.036)

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SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
11-12		21128.4		92498.9		-5852.0		-553.3		494.4		331.6
6- 1		79510.8		-3549.9		-25481.0		-15.4		8.0		1625.2

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
11-12	si	2	Sx		-254.3		0.0		7.4		254.6	
6- 1	si	14	Tz		127.1		49.0		0.0		152.8	
6- 1	si	5	Ty		-8.3		0.0		-65.9		114.4	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
11-12		27554.8		82229.1		-5852.0		-553.3		494.4		277.4
6- 1		111146.0		-3718.8		-25481.0		-15.4		8.0		1373.9

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
11-12	si	2	Sx		-241.6		0.0		7.4		241.9	
6- 1	si	14	Tz		180.1		46.4		0.0		197.3	
6- 1	si	5	Ty		-8.7		0.0		-60.7		105.5	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		137481.1		-3887.8		-25481.0		-15.4		8.0		1122.7

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx		-241.0		0.0		32.3		247.4	
6- 1	si	14	Tz		224.2		43.9		0.0		236.8	
6- 1	si	5	Ty		-9.1		0.0		-55.5		96.6	
6- 1	si	13	Si		-239.6		-43.5		0.0		251.1	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		158516.2		-4056.7		-25481.0		-15.4		8.0		871.5

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx		-276.9		0.0		32.3		282.5	
6- 1	si	14	Tz		259.4		41.4		0.0		269.1	
6- 1	si	5	Ty		-9.5		0.0		-50.3		87.7	
6- 1	si	13	Si		-275.4		-40.9		0.0		284.4	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		174251.3		-4225.6		-25481.0		-15.4		8.0		620.2

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx		-303.8		0.0		32.3		308.9	
6- 1	si	14	Tz		285.6		38.8		0.0		293.4	
6- 1	si	5	Ty		-9.9		0.0		-45.1		78.8	
6- 1	si	13	Si		-302.2		-38.4		0.0		309.5	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		184686.3		-4394.6		-25481.0		-15.4		8.0		369.0

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx		-321.8		0.0		32.3		326.6	
6- 1	si	14	Tz		302.9		36.3		0.0		309.3	
6- 1	si	5	Ty		-10.3		0.0		-39.9		70.0	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		189821.3		-4563.5		-25481.0		-15.4		8.0		117.8

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	
6- 1	si	1	Sx		-330.8		0.0		32.3		335.5	
6- 1	si	14	Tz		311.2		33.7		0.0		316.6	
6- 1	si	5	Ty		-10.7		0.0		-34.8		61.1	

SOLLECITAZIONI :												
Caso		MZ		MY		MT		N		TZ		TY
6- 1		189656.2		-4732.5		-25481.0		-15.4		8.0		-133.4

TENSIONI (Sz= 0.00) :												
Caso	Ve	No	massimi		Sx		Tz		Ty		Si	

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6- 1	si	1	Sx	Si	-330.9	0.0	32.3	335.6
6- 1	si	13	Tz		-329.2	33.9	0.0	334.4
6- 1	si	5	Ty		-11.0	0.0	35.1	61.8
								169.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		184191.1		-4901.4		-25481.0		-15.4	8.0	-384.7
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-322.1	0.0	32.3	326.9		
6- 1	si	13	Tz		-320.3	36.4	0.0	326.5		
6- 1	si	5	Ty		-11.4	0.0	40.3	70.7		
								169.		

## VERIFICA STABILITA` :

L0 =	169.
Z	Lc = 169.   Ro = 9.06   lm = 18.6   Ncr= 5392438.7   alfa(a)=0.2100   ki=0.9903
Y	Lc = 169.   Ro = 6.01   lm = 28.1   Ncr= 2374908.7   alfa(a)=0.2100   ki=0.9612
Caso 6- 1 -	Nodo 1 - Asse Y
Ned =	-15.4   Mzeq = 189821.3   Myeq = -4901.4   Ss = -331.6 ( 0.098)

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		0.

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		184191.1		-4901.4		-25481.1		-15.4	-20.8	-435.6
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-322.1	0.0	32.3	326.9		
6- 1	si	14	Tz		301.0	-37.3	0.0	307.9		
6- 1	si	5	Ty		-11.4	0.0	41.3	72.5		
								18.		

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		174565.7		-4531.3		-25481.1		-15.4	-20.8	-647.3
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-305.0	0.0	32.3	310.1		
6- 1	si	14	Tz		285.5	-39.4	0.0	293.6		
6- 1	si	5	Ty		-10.6	0.0	45.7	79.9		
6- 1	si	13	Si		-303.4	38.3	0.0	310.5		
								36.		

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		161176.4		-4161.3		-25481.1		-15.4	-20.8	-859.0
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-281.6	0.0	32.3	287.1		
6- 1	si	14	Tz		263.7	-41.6	0.0	273.3		
6- 1	si	5	Ty		-9.7	0.0	50.1	87.3		
6- 1	si	13	Si		-280.1	40.5	0.0	288.7		
								53.		

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		144023.3		-3791.2		-25481.1		-15.4	-20.8	-1070.7
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-251.8	0.0	32.3	258.0		
6- 1	si	14	Tz		235.4	-43.7	0.0	247.3		
6- 1	si	5	Ty		-8.9	0.0	54.4	94.7		
6- 1	si	13	Si		-250.4	42.6	0.0	261.1		
								71.		

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		123106.2		-3421.1		-25481.1		-15.4	-20.8	-1282.4
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-215.7	0.0	32.3	222.8		
6- 1	si	14	Tz		200.9	-45.8	0.0	216.0		
6- 1	si	5	Ty		-8.0	0.0	58.8	102.2		
6- 1	si	13	Si		-214.4	44.7	0.0	228.0		
								89.		

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		98425.2		-3051.0		-25481.1		-15.4	-20.8	-1494.1
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-173.2	0.0	32.3	182.0		
6- 1	si	14	Tz		160.0	-48.0	0.0	180.3		
6- 1	si	5	Ty		-7.2	0.0	63.2	109.7		
6- 1	si	13	Si		-172.1	46.9	0.0	190.3		
								107.		

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
6- 1		69980.4		-2681.0		-25481.1		-15.4	-20.8	-1705.8
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
6- 1	si	1	Sx	Si	-124.4	0.0	32.3	136.4		
6- 1	si	14	Tz		112.7	-50.1	0.0	142.3		
6- 1	si	5	Ty		-6.3	0.0	67.6	117.2		
6- 1	si	13	Si		-123.4	49.0	0.0	149.8		
								124.		

SOLLECITAZIONI :										
Caso		MZ		MY		MT		N	TZ	TY
12- 6		11368.7		-27232.4		-5808.4		-28.4	104.1	-435.4
6- 1		37771.6		-2310.9		-25481.1		-15.4	-20.8	-1917.5
TENSIONI (Sz= 0.00) :										
Caso	Ve	No	massimi	Sx		Tz		Ty	Si	
12- 6	si	1	Sx	Si	-82.1	0.0	7.4	83.1		

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6-1	si	14	Tz	59.1	-52.3	0.0	108.1
6-1	si	5	TySi	-5.5	0.0	71.9	124.7

----- PROGR. 142.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	-8395.3	28049.9	-5616.6	21.0	-115.0	-497.1
6-1	1798.9	-1940.8	-25481.1	-15.4	-20.8	-2129.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	78.8	0.0	7.1	79.8
6-1	si	14	Tz	-0.9	-54.4	0.0	94.3
6-1	si	5	TySi	-4.6	0.0	76.3	132.3

## VERIFICA STABILITA` :

L0 = 142.  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr= 7593228.1 | alfa(a )=0.2100 | ki=0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr= 3344168.5 | alfa(a )=0.2100 | ki=0.9753 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -15.4 | Mzeq = 146989.9 | Myeq = -4447.5 | Ss = -258.3 ( 0.076)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 115- 125) 273  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	22581.1	-70953.1	-1849.2	80.7	-362.8	352.1
6-1	101171.3	-5203.2	-6936.4	7.9	-1.9	1598.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	202.0	0.0	2.3	202.1
6-1	si	13	Tz	-180.6	-25.0	0.0	185.7
6-1	si	5	Ty	-11.9	0.0	-41.8	73.4

----- PROGR. 21.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	132246.1	-5163.5	-6936.4	7.9	-1.9	1347.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	235.0	0.0	8.8	235.5
6-1	si	13	Tz	-232.9	-22.5	0.0	236.2
6-1	si	5	Ty	-11.8	0.0	-36.6	64.5
6-1	si	16	Si	233.1	-22.5	0.0	236.3

----- PROGR. 42.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	158020.8	-5123.7	-6936.4	7.9	-1.9	1096.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	278.4	0.0	8.8	278.8
6-1	si	13	Tz	-276.3	-19.9	0.0	278.5
6-1	si	5	Ty	-11.7	0.0	-31.4	55.7

----- PROGR. 63.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	178495.6	-5084.0	-6936.4	7.9	-1.9	844.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	312.8	0.0	8.8	313.2
6-1	si	13	Tz	-310.8	-17.4	0.0	312.3
6-1	si	5	Ty	-11.6	0.0	-26.3	46.9

----- PROGR. 84.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	193670.3	-5044.2	-6936.4	7.9	-1.9	593.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	338.3	0.0	8.8	338.7
6-1	si	13	Tz	-336.3	-14.9	0.0	337.3
6-1	si	5	Ty	-11.5	0.0	-21.1	38.3

----- PROGR. 105.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	203544.9	-5004.4	-6936.4	7.9	-1.9	342.5
11-12	45589.6	32674.5	-2002.4	-77.1	361.6	60.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	354.9	0.0	8.8	355.2
11-12	si	7	Tz	-77.8	14.3	0.0	81.6
6-1	si	5	Ty	-11.4	0.0	-15.9	29.8

----- PROGR. 127.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	208119.5	-4964.7	-6936.4	7.9	-1.9	91.2
11-12	46324.4	-2647.7	-2002.4	-77.1	361.6	6.5
11-5	46488.2	327.3	-1849.2	80.7	-362.8	27.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	362.5	0.0	8.8	362.9
11-12	si	7	Tz	-79.0	14.3	0.0	82.8
11-5	si	9	Ty	-69.2	0.0	-11.3	72.0

----- PROGR. 148.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	207394.1	-4924.9	-6936.4	7.9	-1.9	-160.0
11-12	45930.6	-1398.3	-2002.4	-77.1	361.6	-47.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	361.2	0.0	8.8	361.5
11-12	si	7	Tz	-78.3	14.3	0.0	82.1

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

| 6- 1|si| 5| Ty | -11.2| 0.0| 12.1| 23.8|  
-----  
169.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	201368.6	-4885.2	-6936.4	7.9	-1.9	-411.2
11-12	44419.5	-2859.6	-2002.4	-77.1	361.6	-101.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	351.0	0.0	8.8	351.3
11-12	si	7	Tz	-75.8	14.3	0.0	79.7
6- 1	si	5	Ty	-11.1	0.0	17.3	32.0

## VERIFICA STABILITA` :

L0 = 169.  
Z Lc = 169. Ro = 9.06 lm = 18.6 Ncr= 5392438.7 alfa(a)=0.2100 ki=0.9903  
Y Lc = 169. Ro = 6.01 lm = 28.1 Ncr= 2374908.7 alfa(a)=0.2100 ki=0.9612  
Casoll-12 - Nodo 2 - Asse Y  
Ned = -77.1 Mzeq = 46324.4 Myeq = 51364.5 Ss = -197.1 ( 0.058)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 125- 131) 274  
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0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	201368.6	-4885.2	-6936.4	7.9	-21.9	-462.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	351.0	0.0	8.8	351.3
6- 1	si	14	Tz	330.3	-14.1	0.0	331.2
6- 1	si	5	Ty	-11.1	0.0	18.4	33.7

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18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	191267.0	-4495.8	-6936.4	7.9	-21.9	-674.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	333.0	0.0	8.8	333.4
6- 1	si	14	Tz	314.0	-16.2	0.0	315.3
6- 1	si	5	Ty	-10.2	0.0	22.7	40.7

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36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	177401.5	-4106.4	-6936.4	7.9	-21.9	-885.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	308.7	0.0	8.8	309.1
6- 1	si	14	Tz	291.4	-18.3	0.0	293.1
6- 1	si	5	Ty	-9.3	0.0	27.1	47.9

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53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	159772.1	-3717.1	-6936.4	7.9	-21.9	-1097.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	278.1	0.0	8.8	278.5
6- 1	si	14	Tz	262.4	-20.5	0.0	264.8
6- 1	si	5	Ty	-8.5	0.0	31.5	55.2
6- 1	si	16	Si	276.8	19.3	0.0	278.8

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71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	138378.8	-3327.7	-6936.4	7.9	-21.9	-1309.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	241.1	0.0	8.8	241.6
6- 1	si	14	Tz	227.1	-22.6	0.0	230.4
6- 1	si	5	Ty	-7.6	0.0	35.8	62.5
6- 1	si	16	Si	239.9	21.5	0.0	242.8

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89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	113221.6	-2938.3	-6936.4	7.9	-21.9	-1520.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	197.8	0.0	8.8	198.4
6- 1	si	14	Tz	185.4	-24.8	0.0	190.3
6- 1	si	5	Ty	-6.7	0.0	40.2	70.0
6- 1	si	16	Si	196.7	23.6	0.0	200.9

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107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	84300.5	-2548.9	-6936.4	7.9	-21.9	-1732.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	148.1	0.0	8.8	148.9
6- 1	si	14	Tz	137.4	-26.9	0.0	145.0
6- 1	si	5	Ty	-5.8	0.0	44.6	77.5
6- 1	si	16	Si	147.2	25.7	0.0	153.8

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124.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	51615.5	-2159.6	-6936.4	7.9	-21.9	-1944.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	92.1	0.0	8.8	93.4
6- 1	si	14	Tz	83.0	-29.0	0.0	97.0
6- 1	si	5	Ty	-4.9	0.0	49.0	85.0
6- 1	si	16	Si	91.3	27.9	0.0	103.3

-----  
142.



SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 6	3911.2	-28294.8	-1835.0	3.1	89.0	-492.5
6- 1	15166.6	-1770.2	-6936.4	7.9	-21.9	-2156.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 6	si	3	Sx	71.6	0.0	2.3	71.8
6- 1	si	14	Tz	22.3	-31.2	0.0	58.4
6- 1	si	5	Ty	-4.0	0.0	53.3	92.5
6- 1	si	6	Si	4.2	0.0	53.3	92.5

-----  
 VERIFICA STABILITA' :

Z | L0 = 142. |  
 | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso 12- 8 - Nodo 1 - Asse Y  
 Ned = -24.1 | Mzeq = 39838.2 | Myeq = -24483.7 | Ss = -123.7 ( 0.037 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 137- 138 ) 275  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 8	-4336.2	21447.4	255.9	-181.8	80.9	486.9
6- 1	2574.9	2439.7	4014.2	-20.8	-13.7	2094.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 8	si	3	Sx	-58.6	0.0	0.3	58.6
6- 1	si	13	Tz	0.1	-26.6	0.0	46.2
6- 1	si	5	Ty	5.4	0.0	-48.4	83.9
6- 1	si	6	Si	-5.8	0.0	-48.4	84.0

-----  
 PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	38146.6	2684.7	4014.2	-20.8	-13.7	1881.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-70.7	0.0	5.1	71.3
6- 1	si	13	Tz	-59.4	-24.5	0.0	73.0
6- 1	si	5	Ty	5.9	0.0	-44.0	76.4
6- 1	si	15	Si	-69.8	23.8	0.0	81.0

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 PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	69906.4	2929.7	4014.2	-20.8	-13.7	1668.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-124.9	0.0	5.1	125.2
6- 1	si	13	Tz	-112.5	-22.3	0.0	119.0
6- 1	si	5	Ty	6.5	0.0	-39.6	68.8
6- 1	si	15	Si	-123.8	21.6	0.0	129.3

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 PROGR. 54.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	97854.1	3174.8	4014.2	-20.8	-13.7	1455.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-172.6	0.0	5.1	172.8
6- 1	si	13	Tz	-159.2	-20.2	0.0	162.9
6- 1	si	5	Ty	7.1	0.0	-35.2	61.3
6- 1	si	15	Si	-171.4	19.5	0.0	174.7

-----  
 PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	121989.8	3419.8	4014.2	-20.8	-13.7	1242.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-213.8	0.0	5.1	214.0
6- 1	si	13	Tz	-199.4	-18.0	0.0	201.8
6- 1	si	5	Ty	7.6	0.0	-30.8	53.8
6- 1	si	15	Si	-212.6	17.3	0.0	214.7

-----  
 PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	142313.6	3664.8	4014.2	-20.8	-13.7	1029.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-248.7	0.0	5.1	248.8
6- 1	si	13	Tz	-233.2	-15.9	0.0	234.8
6- 1	si	5	Ty	8.2	0.0	-26.4	46.4

-----  
 PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	158825.3	3909.8	4014.2	-20.8	-13.7	816.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-277.1	0.0	5.1	277.2
6- 1	si	13	Tz	-260.6	-13.7	0.0	261.7
6- 1	si	5	Ty	8.8	0.0	-22.0	39.0

-----  
 PROGR. 125.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	171525.0	4154.8	4014.2	-20.8	-13.7	603.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	-299.1	0.0	5.1	299.2
6- 1	si	13	Tz	-281.5	-11.6	0.0	282.2
6- 1	si	5	Ty	9.3	0.0	-17.6	31.8

-----  
 PROGR. 143.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	180412.8	4399.9	4014.2	-20.8	-13.7	390.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-314.6	0.0	5.1	314.8
6-1	si	13	Tz		-296.0	-9.4	0.0	296.5
6-1	si	5	Ty		9.9	0.0	-13.2	24.8

## VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.1 | alfa(a) = 0.2100 | ki = 0.9985 |  
 Y | Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -20.8 | Mzeq = 145371.8 | Myeq = 4399.9 | Ss = -255.5 ( 0.076)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 138- 143) 276  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	180412.8	4399.9	4014.3	-20.8	29.2	337.5
11-12	39769.5	7318.5	186.1	179.0	510.8	58.8
11-5	40166.6	-4825.3	225.3	-189.1	-495.6	85.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-314.6	0.0	5.1	314.8
11-12	si	7	Tz		-65.1	16.8	0.0	71.3
11-5	si	9	Ty		-74.4	0.0	-13.2	77.8

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	184872.8	3787.5	4014.3	-20.8	29.2	87.6
11-12	40499.3	7673.3	186.1	179.0	510.8	4.9
11-5	41339.1	-5499.9	225.3	-189.1	-495.6	31.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-320.8	0.0	5.1	320.9
11-12	si	7	Tz		-66.3	16.8	0.0	72.5
11-5	si	9	Ty		-77.8	0.0	-12.5	80.7

----- PROGR. 42.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	184089.6	3175.1	4014.3	-20.8	29.2	-162.3
11-12	40214.8	-30397.7	186.1	179.0	510.8	-49.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-318.0	0.0	5.1	318.2
11-12	si	7	Tz		-65.8	16.8	0.0	72.0
11-12	si	9	Ty		-129.2	0.0	13.0	131.1

----- PROGR. 63.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	178063.1	2562.7	4014.3	-20.8	29.2	-412.1
11-12	38144.0	-39903.9	186.1	179.0	510.8	-102.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-306.5	0.0	5.1	306.6
11-12	si	7	Tz		-62.4	16.8	0.0	68.8
11-12	si	9	Ty		-147.9	0.0	13.7	149.8

----- PROGR. 84.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	166793.3	1950.4	4014.3	-20.8	29.2	-662.0
11-12	35481.5	-49964.4	186.1	179.0	510.8	-156.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-286.0	0.0	5.1	286.2
11-12	si	7	Tz		-57.9	16.8	0.0	64.8
6-1	si	5	Ty		4.3	0.0	18.8	32.8

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	150280.2	1338.0	4014.3	-20.8	29.2	-911.9
11-12	31653.0	-60270.3	186.1	179.0	510.8	-210.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx		-256.8	0.0	5.1	256.9
11-12	si	7	Tz		-51.4	16.8	0.0	59.1
6-1	si	5	Ty		2.8	0.0	23.9	41.5
6-1	si	15	Si		-256.3	-13.5	0.0	257.4

----- PROGR. 126.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	128523.8	725.6	4014.3	-20.8	29.2	-1161.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx		-218.7	0.0	5.1	218.9
6-1	si	13	Tz		-215.6	17.6	0.0	217.8
6-1	si	5	Ty		1.4	0.0	29.1	50.4
6-1	si	15	Si		-218.4	-16.1	0.0	220.2

----- PROGR. 147.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	25182.7	81476.2	225.3	-189.1	-495.6	-291.5
6-1	101524.1	113.2	4014.3	-20.8	29.2	-1411.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	2	Sx	Si	-231.8	0.0	0.3	231.8

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6-1	si	13	Tz	-171.3	20.1	0.0	174.8
6-1	si	5	Ty	0.0	0.0	34.3	59.3

----- PROGR. 168.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			18494.8		91720.5		225.3		-189.1		-495.6		-345.4
6-1			69281.1		-499.1		4014.3		-20.8		29.2		-1661.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-244.1	0.0	0.3	244.1
6-1	si	13	Tz	-118.1	22.7	0.0	124.4
6-1	si	5	Ty	-1.4	0.0	39.4	68.3

VERIFICA STABILITA` :

L0 = 168.  
 Z | Lc = 168. | Ro = 9.06 | lm = 18.5 | Ncr = 5450796.1 | alfa(a) = 0.2100 | ki = 0.9906 |  
 Y | Lc = 168. | Ro = 6.01 | lm = 27.9 | Ncr = 2400610.1 | alfa(a) = 0.2100 | ki = 0.9617 |  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -20.8 | M2eq = 184872.8 | Myeq = 3299.9 | Ss = -319.6 ( 0.095)

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----- PROGR. 0.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			18494.8		91720.5		225.3		-195.6		2247.0		-456.0
11-12			13331.1		-91785.9		186.1		185.4		-2248.6		-340.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-244.1	0.0	0.3	244.1
11-12	si	7	Tz	-20.4	-73.3	0.0	128.6
11-5	si	9	Ty	180.4	0.0	59.5	207.7
11-5	si	10	Si	-241.1	0.0	-48.5	255.3

----- PROGR. 5.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			16140.2		80255.5		225.3		-195.6		2247.0		-469.1
11-12			11553.6		-80312.7		186.1		185.4		-2248.6		-353.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-213.8	0.0	0.3	213.8
11-12	si	7	Tz	-17.4	-73.3	0.0	128.2
11-5	si	9	Ty	157.6	0.0	59.6	188.4
11-5	si	10	Si	-211.2	0.0	-48.3	227.2

----- PROGR. 10.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			13720.4		68790.4		225.3		-195.6		2247.0		-482.3
11-12			9707.6		-68839.4		186.1		185.4		-2248.6		-366.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-183.4	0.0	0.3	183.4
11-12	si	7	Tz	-14.3	-73.3	0.0	127.8
11-5	si	9	Ty	135.0	0.0	59.8	170.1
11-5	si	10	Si	-181.2	0.0	-48.2	199.4

----- PROGR. 15.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			11236.3		57325.3		225.3		-195.6		2247.0		-495.4
11-12			7792.1		-57366.2		186.1		185.4		-2248.6		-380.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-152.8	0.0	0.3	152.8
11-12	si	7	Tz	-11.1	-73.3	0.0	127.5
11-5	si	9	Ty	112.4	0.0	59.9	153.0
11-5	si	10	Si	-151.0	0.0	-48.0	172.4

----- PROGR. 20.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			8689.5		45860.3		225.3		-195.6		2247.0		-508.5
11-12			5805.6		-45893.0		186.1		185.4		-2248.6		-393.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-122.2	0.0	0.3	122.2
11-12	si	7	Tz	-7.7	-73.3	0.0	127.2
11-5	si	9	Ty	90.0	0.0	60.1	137.6
11-5	si	10	Si	-120.8	0.0	-47.8	146.5

----- PROGR. 26.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			6082.9		34395.2		225.3		-195.6		2247.0		-521.6
11-12			3745.1		-34419.7		186.1		185.4		-2248.6		-406.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-91.5	0.0	0.3	91.5
11-12	si	7	Tz	-4.3	-73.3	0.0	127.1
11-5	si	9	Ty	67.6	0.0	60.2	124.3
11-5	si	7	Si	-12.4	73.3	0.0	127.6

----- PROGR. 31.

SOLLECITAZIONI :

Caso			MZ		MY		MT		N		TZ		TY
11-5			3423.1		22930.1		225.3		-195.6		2247.0		-534.7
11-12			1604.2		-22946.5		186.1		185.4		-2248.6		-419.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-60.6	0.0	0.3	60.6
11-12	si	7	Tz	-0.7	-73.3	0.0	127.0
11-5	si	9	Ty	45.3	0.0	60.4	114.0
11-5	si	7	Si	-7.9	73.3	0.0	127.3

----- PROGR. 36.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
11- 5		724.8	11465.1	225.3	-195.6	2247.0	-547.8
11-12		-632.0	-11473.2	186.1	185.4	-2248.6	-432.4
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	2	Sx	-29.7	0.0	0.3	29.7
11-12	si	7	Tz	3.1	-73.3	0.0	127.0
11- 5	si	9	Ty	23.1	0.0	60.6	107.4
11- 5	si	7	Si	-3.4	73.3	0.0	127.1

----- PROGR. 41.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		-10525.6	0.0	4014.1	-20.8	-12.2	-2198.2
11-12		-2995.7	0.0	186.1	185.4	-2248.6	-445.5
11- 5		-1979.8	0.0	225.3	-195.6	2247.0	-560.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-18.0	0.0	5.1	20.0
11-12	si	7	Tz	7.1	-73.3	0.0	127.2
11- 5	si	9	Ty	0.9	0.0	60.7	105.2

----- VERIFICA STABILITA` :

L0 = 41. |  
 Z |Lc = 41. |Ro = 9.06 |lm = 4.5 |Ncr= 92186930.0 |alfa(a)=0.2100 |ki=1.0000 |  
 Y |Lc = 41. |Ro = 6.01 |lm = 6.8 |Ncr= 40600469.2 |alfa(a)=0.2100 |ki=1.0000 |  
 Caso11- 5 - Nodo 2 - Asse Y  
 Ned = -195.6 |Mzeq = 13871.1 |Myeq = 68790.4 |Ss = -183.6 ( 0.054)

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----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		201943.3	3766.6	-15863.4	3.4	23.0	409.4
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	349.3	0.0	20.1	351.0
6- 1	si	14	Tz	347.9	24.9	0.0	350.6
6- 1	si	5	Ty	8.7	0.0	-28.6	50.3

----- PROGR. 21.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		207913.0	3283.2	-15863.4	3.4	23.0	159.6
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	358.3	0.0	20.1	360.0
6- 1	si	14	Tz	357.1	22.3	0.0	359.2
6- 1	si	5	Ty	7.6	0.0	-23.4	41.3

----- PROGR. 42.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		208639.5	2799.8	-15863.4	3.4	23.0	-90.3
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	358.4	0.0	20.1	360.1
6- 1	si	13	Tz	-346.5	21.6	0.0	348.5
6- 1	si	5	Ty	6.5	0.0	22.0	38.6

----- PROGR. 63.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		204122.7	2316.4	-15863.4	3.4	23.0	-340.2
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	349.7	0.0	20.1	351.4
6- 1	si	13	Tz	-339.8	24.2	0.0	342.4
6- 1	si	5	Ty	5.4	0.0	27.2	47.3

----- PROGR. 84.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		194362.6	1832.9	-15863.4	3.4	23.0	-590.1
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	332.1	0.0	20.1	333.9
6- 1	si	13	Tz	-324.3	26.7	0.0	327.5
6- 1	si	5	Ty	4.2	0.0	32.3	56.1
6- 1	si	14	Si	331.4	-25.5	0.0	334.3

----- PROGR. 105.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		179359.2	1349.5	-15863.4	3.4	23.0	-840.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	305.7	0.0	20.1	307.6
6- 1	si	13	Tz	-299.9	29.2	0.0	304.1
6- 1	si	5	Ty	3.1	0.0	37.5	65.0
6- 1	si	14	Si	305.2	-28.0	0.0	309.0

----- PROGR. 126.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		159112.5	866.1	-15863.4	3.4	23.0	-1089.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	270.4	0.0	20.1	272.6
6- 1	si	13	Tz	-266.7	31.8	0.0	272.3
6- 1	si	5	Ty	2.0	0.0	42.6	73.9
6- 1	si	14	Si	270.1	-30.5	0.0	275.2

----- PROGR. 147.

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SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	133622.5	382.6	-15863.4	3.4	23.0	-1339.7

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	226.3	0.0	20.1	229.0
6-1	si	13	Tz	-224.6	34.3	0.0	232.3
6-1	si	5	Ty	0.9	0.0	47.8	82.8
6-1	si	14	Si	226.2	-33.1	0.0	233.3

----- PROGR. 168.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	26193.4	68727.4	-3869.0	-456.8	-367.3	-331.5
6-1	102889.2	-100.8	-15863.4	3.4	23.0	-1589.6

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-207.2	0.0	4.9	207.3
6-1	si	13	Tz	-173.7	36.8	0.0	185.0
6-1	si	5	Ty	-0.2	0.0	53.0	91.7

VERIFICA STABILITA` :

L0 = 168. |  
Z | Lc = 168. | Ro = 9.06 | lm = 18.5 | Ncr = 5450796.1 | alfa(a) = 0.2100 | ki = 0.9906 |  
Y | Lc = 168. | Ro = 6.01 | lm = 27.9 | Ncr = 2400610.1 | alfa(a) = 0.2100 | ki = 0.9617 |  
Casoll- 5 - Nodo 2 - Asse Y  
Ned = -456.8 | Mzeq = 46861.6 | Myeq = 51545.6 | Ss = -202.8 ( 0.060)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 142- 99) 281  
----- PROGR. 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	26193.4	68727.4	-3869.0	-467.7	1115.3	-409.7
11-12	21837.6	-68552.5	-4035.3	468.9	-1112.5	-349.3
6-1	102889.2	-100.8	-15863.3	3.4	-1.6	-1640.6

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-207.3	0.0	4.9	207.5
11-12	si	7	Tz	-31.6	-41.3	0.0	78.2
6-1	si	5	Ty	-0.2	0.0	54.0	93.6
11-5	si	10	Si	-203.0	0.0	-26.6	208.2

----- PROGR. 8.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	22982.7	60136.5	-3869.0	-467.7	1115.3	-429.5
11-12	19049.4	-59983.4	-4035.3	468.9	-1112.5	-369.1
6-1	89898.9	-88.2	-15863.3	3.4	-1.6	-1732.3

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-182.1	0.0	4.9	182.3
11-12	si	7	Tz	-26.9	-41.3	0.0	76.4
6-1	si	5	Ty	-0.2	0.0	55.9	96.8
11-5	si	10	Si	-178.4	0.0	-26.4	184.2

----- PROGR. 15.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	19625.8	51545.6	-3869.0	-467.7	1115.3	-449.3
11-12	16102.8	-51414.4	-4035.3	468.9	-1112.5	-388.9
6-1	76202.0	-75.6	-15863.3	3.4	-1.6	-1824.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-156.7	0.0	4.9	157.0
11-12	si	7	Tz	-22.0	-41.3	0.0	74.8
6-1	si	5	Ty	-0.1	0.0	57.8	100.1
11-5	si	10	Si	-153.6	0.0	-26.1	160.1

----- PROGR. 23.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	16125.0	42954.6	-3869.0	-467.7	1115.3	-469.1
11-12	12995.2	-42845.3	-4035.3	468.9	-1112.5	-408.6
6-1	61798.6	-63.0	-15863.3	3.4	-1.6	-1915.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-131.1	0.0	4.9	131.4
11-12	si	7	Tz	-16.7	-41.3	0.0	73.4
6-1	si	5	Ty	-0.1	0.0	59.7	103.4
11-5	si	10	Si	-128.5	0.0	-25.9	136.1

----- PROGR. 31.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	12484.3	34363.7	-3869.0	-467.7	1115.3	-488.8
11-12	9722.8	-34276.2	-4035.3	468.9	-1112.5	-428.4
6-1	46688.6	-50.4	-15863.3	3.4	-1.6	-2007.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-105.2	0.0	4.9	105.5
11-12	si	7	Tz	-11.2	-41.3	0.0	72.4
6-1	si	5	Ty	-0.1	0.0	61.6	106.7
11-5	si	10	Si	-103.2	0.0	-25.7	112.4

----- PROGR. 39.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-5	8708.8	25772.8	-3869.0	-467.7	1115.3	-508.6
6-1	30872.1	-37.8	-15863.3	3.4	-1.6	-2099.2

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	2	Sx	-79.1	0.0	4.9	79.6
6-1	si	14	Tz	52.0	-41.4	0.0	88.6
6-1	si	5	Ty	0.0	0.0	63.5	110.0

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6-1	si	6	Si	0.1	0.0	63.5	110.0		
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SOLLECITAZIONI : 46. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
11-12	3896.4	-17138.1	-4035.3	468.9	-1112.5	-468.0
6-1	14349.0	-25.2	-15863.3	3.4	-1.6	-2190.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	51.1	0.0	5.1	51.9
6-1	si	14	Tz	24.2	-42.3	0.0	77.2
6-1	si	5	Ty	0.0	0.0	65.4	113.3
6-1	si	6	Si	0.1	0.0	65.4	113.3

SOLLECITAZIONI : 54. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
11-5	-407.5	8590.9	-3869.0	-467.7	1115.3	-548.2
6-1	-2880.7	-12.6	-15863.3	3.4	-1.6	-2282.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	-25.6	0.0	4.9	27.0
6-1	si	14	Tz	-4.8	-43.3	0.0	75.1
6-1	si	5	Ty	0.0	0.0	67.3	116.5
6-1	si	6	Si	0.1	0.0	67.3	116.5

SOLLECITAZIONI : 62. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6-1	-20816.9	0.0	-15863.3	3.4	-1.6	-2374.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	35.1	0.0	20.1	49.5
6-1	si	14	Tz	-35.1	-44.2	0.0	84.2
6-1	si	5	TySi	0.0	0.0	69.2	119.8

VERIFICA STABILITA` :

L0 = 62.  
 Z Lc = 62. Ro = 9.06 lm = 6.8 Ncr = 40449901.2 alfa(a) = 0.2100 ki = 1.0000  
 Y Lc = 62. Ro = 6.01 lm = 10.2 Ncr = 17814726.8 alfa(a) = 0.2100 ki = 1.0000  
 Caso 11-5 - Nodo 2 - Asse Y  
 Ned = -467.7 Mzeq = 19645.0 Myeq = 51545.6 Ss = -156.8 ( 0.046)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 140- 141) 282  
 0. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6-1	217047.6	3302.4	-28892.5	23.2	22.7	759.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	373.9	0.0	36.7	379.3
6-1	si	14	Tz	372.7	44.9	0.0	380.8
6-1	si	5	Ty	7.8	0.0	-52.3	91.0

SOLLECITAZIONI : 21. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6-1	230362.0	2825.0	-28892.5	23.2	22.7	509.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	395.3	0.0	36.7	400.4
6-1	si	14	Tz	394.3	42.4	0.0	401.0
6-1	si	5	Ty	6.7	0.0	-47.2	82.0

SOLLECITAZIONI : 42. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6-1	238433.0	2347.7	-28892.5	23.2	22.7	259.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	407.8	0.0	36.7	412.7
6-1	si	14	Tz	407.0	39.9	0.0	412.8
6-1	si	5	Ty	5.7	0.0	-42.0	73.0

SOLLECITAZIONI : 63. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6-1	241260.8	1870.4	-28892.5	23.2	22.7	9.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	411.5	0.0	36.7	416.4
6-1	si	7	Tz	-406.7	37.4	0.0	411.8
6-1	si	10	Ty	-371.9	0.0	-37.3	377.5

SOLLECITAZIONI : 84. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6-1	238845.3	1393.0	-28892.5	23.2	22.7	-240.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	406.3	0.0	36.7	411.2
6-1	si	13	Tz	-399.9	39.7	0.0	405.8
6-1	si	5	Ty	3.5	0.0	41.6	72.2

SOLLECITAZIONI : 105. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6-1	231186.5	915.7	-28892.5	23.2	22.7	-489.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	392.3	0.0	36.7	397.4
6-1	si	13	Tz	-387.9	42.2	0.0	394.7
6-1	si	5	Ty	2.4	0.0	46.8	81.1
6-1	si	14	Si	392.0	-41.0	0.0	398.4

SOLLECITAZIONI : 126. PROGR.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY	
6-1	218284.4	438.4	-28892.5	23.2	22.7	-739.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	369.4	0.0	36.7	374.9
6-1	si	13	Tz	-367.1	44.7	0.0	375.2
6-1	si	5	Ty	1.3	0.0	51.9	90.0
6-1	si	14	Si	369.3	-43.5	0.0	376.9

PROGR. 147.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	200139.0	-38.9	-28892.5	23.2	22.7	-989.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	337.9	0.0	36.7	343.8
6-1	si	13	Tz	-337.4	47.3	0.0	347.2
6-1	si	5	Ty	0.2	0.0	57.1	98.9
6-1	si	16	Si	337.9	47.3	0.0	347.7

PROGR. 168.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	176750.3	-516.3	-28892.5	23.2	22.7	-1239.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	299.6	0.0	36.7	306.2
6-1	si	13	Tz	-298.9	49.8	0.0	311.1
6-1	si	5	Ty	-0.9	0.0	62.3	107.8
6-1	si	16	Si	299.4	49.8	0.0	311.6

## VERIFICA STABILITA` :

L0 = 168. |  
 Z |Lc = 168. |Ro = 9.06 |lm = 18.5 |Ncr= 5450796.1 |alfa(a) = 0.2100 |ki=0.9906 |  
 Y |Lc = 168. |Ro = 6.01 |lm = 27.9 |Ncr= 2400610.1 |alfa(a) = 0.2100 |ki=0.9617 |  
 Caso11- 9 - Nodo 1 - Asse Y  
 Ned = -141.3 |Mzeq = 56652.1 |Myeq = -58346.4 |Ss = -231.3 ( 0.068)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 141- 97) 283  
 ----- PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	176750.3	-516.3	-28892.5	23.2	-6.3	-1290.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	299.6	0.0	36.7	306.2
6-1	si	14	Tz	297.4	-49.9	0.0	309.7
6-1	si	5	Ty	-0.9	0.0	63.3	109.7
6-1	si	16	Si	299.4	49.5	0.0	311.4

PROGR. 10.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	162822.4	-451.7	-28892.5	23.2	-6.3	-1413.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	275.9	0.0	36.7	283.1
6-1	si	14	Tz	274.0	-51.1	0.0	288.0
6-1	si	5	Ty	-0.8	0.0	65.8	114.1
6-1	si	16	Si	275.8	50.8	0.0	289.5

PROGR. 21.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	147630.5	-387.2	-28892.5	23.2	-6.3	-1535.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	250.2	0.0	36.7	258.1
6-1	si	14	Tz	248.5	-52.4	0.0	264.5
6-1	si	5	Ty	-0.6	0.0	68.4	118.4
6-1	si	16	Si	250.0	52.0	0.0	265.8

PROGR. 31.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	131174.3	-322.7	-28892.5	23.2	-6.3	-1658.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	222.3	0.0	36.7	231.1
6-1	si	14	Tz	220.9	-53.6	0.0	239.6
6-1	si	5	Ty	-0.5	0.0	70.9	122.8
6-1	si	16	Si	222.1	53.3	0.0	240.5

PROGR. 41.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	113454.1	-258.1	-28892.5	23.2	-6.3	-1781.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	192.2	0.0	36.7	202.4
6-1	si	14	Tz	191.1	-54.8	0.0	213.4
6-1	si	5	Ty	-0.3	0.0	73.5	127.2
6-1	si	16	Si	192.1	54.5	0.0	214.1

PROGR. 52.

Caso	MZ	MY	MT	N	TZ	TY	
6-1	94469.7	-193.6	-28892.5	23.2	-6.3	-1903.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	160.0	0.0	36.7	172.2
6-1	si	14	Tz	159.2	-56.1	0.0	186.5
6-1	si	5	Ty	-0.2	0.0	76.0	131.6
6-1	si	16	Si	160.0	55.7	0.0	186.9

PROGR. 62.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 74221.1 -129.1 -28892.5 23.2 -6.3 -2026.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 125.7 0.0 36.7 140.9  
 6-1 si 14 Tz 125.2 -57.3 0.0 159.8  
 6-1 si 5 Ty 0.0 0.0 78.5 136.0  
 6-1 si 16 Si 125.7 57.0 0.0 159.8

PROGR. 72.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 52708.5 -64.5 -28892.5 23.2 -6.3 -2149.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 89.3 0.0 36.7 109.6  
 6-1 si 14 Tz 89.0 -58.6 0.0 135.0  
 6-1 si 5 Ty 0.1 0.0 81.1 140.4  
 6-1 si 6 Si 0.4 0.0 81.1 140.4

PROGR. 82.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 29931.6 0.0 -28892.5 23.2 -6.3 -2272.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 50.7 0.0 36.7 81.3  
 6-1 si 14 Tz 50.7 -59.8 0.0 115.3  
 6-1 si 5 TySi 0.3 0.0 83.6 144.8

VERIFICA STABILITA` :

L0 = 82. |  
 Z Lc = 82. | Ro = 9.06 | lm = 9.1 | Ncr= 22608337.4 | alfa(a) = 0.2100 | ki=1.0000 |  
 Y Lc = 82. | Ro = 6.01 | lm = 13.7 | Ncr= 9957041.7 | alfa(a) = 0.2100 | ki=1.0000 |  
 Caso11- 9 - Nodo 1 - Asse Y  
 Ned = -133.5 | Mzeq = 37347.2 | Myeq = -58346.4 | Ss = -198.5 ( 0.059)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 144- 145) 296  
 PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -62437.2 0.0 27543.5 -99.1 -34.2 4679.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -1054.2 0.0 34.9 1055.9  
 6-1 si 13 Tz 1052.0 -83.2 0.0 1061.8  
 6-1 si 5 Ty -1.1 0.0 -131.6 228.0  
 6-1 si 16 Si -1054.2 -83.2 0.0 1064.0

PROGR. 19.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -536459.7 658.3 27543.5 -99.1 -34.2 4450.4

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -907.5 0.0 34.9 909.5  
 6-1 si 13 Tz 905.0 -80.9 0.0 915.8  
 6-1 si 5 Ty 0.4 0.0 -126.9 219.8  
 6-1 si 16 Si -907.2 -80.9 0.0 918.0

PROGR. 38.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -452995.1 1316.6 27543.5 -99.1 -34.2 4221.2

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -768.2 0.0 34.9 770.6  
 6-1 si 13 Tz 765.5 -78.5 0.0 777.5  
 6-1 si 5 Ty 1.9 0.0 -122.1 211.6  
 6-1 si 16 Si -767.7 -78.5 0.0 779.7

PROGR. 58.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -373943.2 1975.0 27543.5 -99.1 -34.2 3992.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -636.4 0.0 34.9 639.2  
 6-1 si 13 Tz 633.4 -76.2 0.0 647.1  
 6-1 si 5 Ty 3.4 0.0 -117.4 203.4  
 6-1 si 16 Si -635.6 -76.2 0.0 649.2

PROGR. 77.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -299304.2 2633.3 27543.5 -99.1 -34.2 3762.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -512.0 0.0 34.9 515.6  
 6-1 si 13 Tz 508.8 -73.9 0.0 524.7  
 6-1 si 5 Ty 5.0 0.0 -112.7 195.2  
 6-1 si 16 Si -511.0 -73.9 0.0 526.8

PROGR. 96.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -229077.9 3291.6 27543.5 -99.1 -34.2 3533.5

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -395.0 0.0 34.9 399.7  
 6-1 si 13 Tz 391.6 -71.6 0.0 410.8  
 6-1 si 5 Ty 6.5 0.0 -107.9 187.1  
 6-1 si 16 Si -393.8 -71.6 0.0 412.9

PROGR. 115.



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -163264.5 3949.9 27543.5 -99.1 -34.2 3304.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -285.6 0.0 34.9 291.9  
 6-1 si 13 Tz 281.9 -69.3 0.0 306.4  
 6-1 si 5 Ty 8.0 0.0 -103.2 178.9  
 6-1 si 16 Si -284.1 -69.3 0.0 308.4

PROGR. 135.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -101863.9 4608.2 27543.5 -99.1 -34.2 3075.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -183.5 0.0 34.9 193.2  
 6-1 si 13 Tz 179.6 -67.0 0.0 213.8  
 6-1 si 5 Ty 9.5 0.0 -98.5 170.8  
 6-1 si 16 Si -181.8 -67.0 0.0 215.6

PROGR. 154.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -44876.0 5266.6 27543.5 -99.1 -34.2 2845.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -88.9 0.0 34.9 107.5  
 6-1 si 13 Tz 84.8 -64.6 0.0 140.4  
 6-1 si 5 Ty 11.0 0.0 -93.7 162.7  
 6-1 si 6 Si -13.2 0.0 -93.7 162.9

VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso 6-1 - Nodo 3 - Asse Y  
 Ned = -99.1 | Mzeq = -468252.9 | Myeq = 3949.9 | Ss = -800.0 ( 0.237)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 145- 146 ) 297  
 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -44876.0 5266.6 27543.6 -99.1 16.7 2792.9

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx -88.9 0.0 34.9 107.5  
 6-1 si 14 Tz -66.6 63.6 0.0 128.8  
 6-1 si 5 Ty 11.0 0.0 -92.6 160.8  
 6-1 si 6 Si -13.2 0.0 -92.6 161.0

PROGR. 18.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 11-8 -4506.7 25113.1 5394.7 267.9 40.4 599.3  
 6-1 3186.6 4968.0 27543.6 -99.1 16.7 2579.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 11-8 si 1 Sx 68.3 0.0 6.8 69.3  
 6-1 si 14 Tz 13.9 61.5 0.0 107.4  
 6-1 si 5 Ty 10.3 0.0 -88.2 153.2  
 6-1 si 6 Si -12.5 0.0 -88.2 153.3

PROGR. 36.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 47437.2 4669.4 27543.6 -99.1 16.7 2366.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -91.8 0.0 34.9 110.0  
 6-1 si 14 Tz 87.9 59.3 0.0 135.2  
 6-1 si 5 Ty 9.6 0.0 -83.8 145.5  
 6-1 si 6 Si -11.8 0.0 -83.8 145.7

PROGR. 54.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 87875.8 4370.9 27543.6 -99.1 16.7 2153.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -159.4 0.0 34.9 170.5  
 6-1 si 14 Tz 155.6 57.2 0.0 184.4  
 6-1 si 5 Ty 8.9 0.0 -79.4 137.9  
 6-1 si 15 Si -157.8 57.2 0.0 186.3

PROGR. 72.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 124502.4 4072.3 27543.6 -99.1 16.7 1940.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -220.5 0.0 34.9 228.6  
 6-1 si 14 Tz 216.8 55.0 0.0 236.8  
 6-1 si 5 Ty 8.3 0.0 -75.0 130.2  
 6-1 si 15 Si -219.0 55.0 0.0 238.8

PROGR. 89.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 157317.1 3773.7 27543.6 -99.1 16.7 1727.5

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -275.1 0.0 34.9 281.7  
 6-1 si 14 Tz 271.5 52.9 0.0 286.6  
 6-1 si 5 Ty 7.6 0.0 -70.6 122.6

6-1	si	15	Si	-273.7	52.9	0.0	288.6	107.
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SOLLECITAZIONI :  
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Caso	MZ	MY	MT	N	TZ	TY
6-1	186319.7	3475.2	27543.6	-99.1	16.7	1514.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-323.3	0.0	34.9	329.0
6-1	si	14	Tz	319.9	50.7	0.0	331.7
6-1	si	5	Ty	6.9	0.0	-66.2	114.9
6-1	si	15	Si	-322.1	50.7	0.0	333.8

-----  
PROGR. 125.

SOLLECITAZIONI :  
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Caso	MZ	MY	MT	N	TZ	TY
6-1	211510.3	3176.6	27543.6	-99.1	16.7	1301.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-365.2	0.0	34.9	370.1
6-1	si	14	Tz	361.8	48.5	0.0	371.4
6-1	si	5	Ty	6.2	0.0	-61.8	107.3
6-1	si	15	Si	-364.0	48.5	0.0	373.6

-----  
PROGR. 143.

SOLLECITAZIONI :  
-----

Caso	MZ	MY	MT	N	TZ	TY
6-1	232889.0	2878.0	27543.6	-99.1	16.7	1088.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-400.5	0.0	34.9	405.1
6-1	si	14	Tz	397.3	46.4	0.0	405.3
6-1	si	5	Ty	5.5	0.0	-57.4	99.6
6-1	si	15	Si	-399.5	46.4	0.0	407.5

-----  
VERIFICA STABILITA` :

L0 = 143.  
Z Lc = 143. Ro = 9.06 lm = 15.8 Ncr = 7497417.0 alfa(a) = 0.2100 ki = 0.9985  
Y Lc = 143. Ro = 6.01 lm = 23.8 Ncr = 3301971.9 alfa(a) = 0.2100 ki = 0.9748  
Caso 6-1 - Nodo 2 - Asse Y  
Ned = -99.1 Mzeq = 174666.7 Myeq = 5266.6 Ss = -307.8 ( 0.091)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 146- 147) 298  
-----  
PROGR. 0.

SOLLECITAZIONI :  
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Caso	MZ	MY	MT	N	TZ	TY
6-1	232889.0	2878.0	27543.6	-99.1	22.7	1036.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-400.5	0.0	34.9	405.1
6-1	si	14	Tz	397.3	46.0	0.0	405.2
6-1	si	5	Ty	5.5	0.0	-56.4	97.8
6-1	si	15	Si	-399.5	46.0	0.0	407.3

-----  
PROGR. 21.

SOLLECITAZIONI :  
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Caso	MZ	MY	MT	N	TZ	TY
6-1	252018.3	2401.3	27543.6	-99.1	22.7	786.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-431.7	0.0	34.9	435.9
6-1	si	14	Tz	428.6	43.5	0.0	435.2
6-1	si	5	Ty	4.4	0.0	-51.2	88.8
6-1	si	15	Si	-430.8	43.5	0.0	437.4

-----  
PROGR. 42.

SOLLECITAZIONI :  
-----

Caso	MZ	MY	MT	N	TZ	TY
6-1	265904.4	1924.6	27543.6	-99.1	22.7	536.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-454.0	0.0	34.9	458.0
6-1	si	14	Tz	451.1	41.0	0.0	456.7
6-1	si	5	Ty	3.3	0.0	-46.0	79.8
6-1	si	15	Si	-453.3	41.0	0.0	458.8

-----  
PROGR. 63.

SOLLECITAZIONI :  
-----

Caso	MZ	MY	MT	N	TZ	TY
6-1	274547.2	1447.9	27543.6	-99.1	22.7	286.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-467.5	0.0	34.9	471.4
6-1	si	14	Tz	464.8	38.4	0.0	469.5
6-1	si	5	Ty	2.2	0.0	-40.9	70.8
6-1	si	15	Si	-467.0	38.4	0.0	471.7

-----  
PROGR. 84.

SOLLECITAZIONI :  
-----

Caso	MZ	MY	MT	N	TZ	TY
6-1	277946.7	971.2	27543.6	-99.1	22.7	37.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-472.1	0.0	34.9	476.0
6-1	si	14	Tz	469.6	35.9	0.0	473.7
6-1	si	10	Ty	-427.1	0.0	-35.9	431.6

-----  
PROGR. 105.

SOLLECITAZIONI :  
-----

Caso	MZ	MY	MT	N	TZ	TY
6-1	276102.8	494.5	27543.6	-99.1	22.7	-212.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-467.9	0.0	34.9	471.8
6-1	si	13	Tz	-465.8	37.7	0.0	470.4
6-1	si	5	Ty	0.0	0.0	39.3	68.1

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	15	Si	-467.8	-36.5	0.0	472.0	126.
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SOLLECITAZIONI :  
----- PROGR. 126.

Caso	MZ	MY	MT	N	TZ	TY
6-1	269015.7	17.8	27543.6	-99.1	22.7	-462.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-454.9	0.0	34.9	458.9
6-1	si	13	Tz	-454.8	40.2	0.0	460.1
6-1	si	5	Ty	-1.1	0.0	44.5	77.1

----- PROGR. 147.

SOLLECITAZIONI :  
----- PROGR. 147.

Caso	MZ	MY	MT	N	TZ	TY
6-1	256685.2	-458.9	27543.6	-99.1	22.7	-712.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-435.1	0.0	34.9	439.3
6-1	si	13	Tz	-434.9	42.8	0.0	441.2
6-1	si	5	Ty	-2.2	0.0	49.7	86.0

----- PROGR. 168.

SOLLECITAZIONI :  
----- PROGR. 168.

Caso	MZ	MY	MT	N	TZ	TY
6-1	239111.5	-935.6	27543.6	-99.1	22.7	-962.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-406.6	0.0	34.9	411.0
6-1	si	13	Tz	-406.2	45.3	0.0	413.7
6-1	si	5	Ty	-3.2	0.0	54.8	95.0

VERIFICA STABILITA` :

L0 = 168.  
Z |Lc = 168. |Ro = 9.06|lm = 18.5|Ncr= 5450796.1|alfa(a)=-0.2100|ki=0.9906|  
Y |Lc = 168. |Ro = 6.01|lm = 27.9|Ncr= 2400610.1|alfa(a)=0.2100|ki=0.9617|  
Caso 6-1 - Nodo 2 - Asse Y  
Ned = -99.1|Mzeq = 277946.7|Myeq = 2158.5|Ss = -474.9 ( 0.140)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 92- 112) 299  
----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-53404.2	0.0	-12986.8	558.2	65.7	2791.6
11-12	-25444.1	0.0	-3969.8	-739.2	1318.8	652.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	96.3	0.0	16.5	100.4
11-12	si	7	Tz	34.7	47.9	0.0	89.9
6-1	si	5	TySi	6.2	0.0	-74.1	128.6

----- PROGR. 15.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	-16041.1	-19838.5	-3969.8	-739.2	1318.8	613.8
6-1	-12757.4	-988.4	-12986.8	558.2	65.7	2612.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	-80.8	0.0	5.0	81.3
11-12	si	7	Tz	18.9	47.9	0.0	85.1
6-1	si	5	Ty	3.9	0.0	-70.4	122.1
6-1	si	6	Si	8.5	0.0	-70.4	122.3

----- PROGR. 30.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	17219.7	38731.3	-2631.9	997.2	-1287.4	542.8
11-12	-7228.5	-39677.0	-3969.8	-739.2	1318.8	575.1
6-1	25194.7	-1976.7	-12986.8	558.2	65.7	2433.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	4	Sx	129.1	0.0	3.3	129.2
11-12	si	7	Tz	4.0	47.9	0.0	83.1
6-1	si	5	Ty	1.6	0.0	-66.7	115.6
11-5	si	11	Si	126.3	0.0	27.6	135.0

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	25234.6	58097.0	-2631.9	997.2	-1287.4	504.2
11-12	992.8	-59515.4	-3969.8	-739.2	1318.8	536.5
6-1	60452.0	-2965.1	-12986.8	558.2	65.7	2254.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	4	Sx	187.1	0.0	3.3	187.2
11-12	si	7	Tz	-9.9	47.9	0.0	83.6
6-1	si	5	Ty	-0.6	0.0	-63.0	109.2
11-5	si	11	Si	183.0	0.0	28.0	189.4

----- PROGR. 60.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	32679.4	77462.6	-2631.9	997.2	-1287.4	465.6
11-12	8621.7	-79353.9	-3969.8	-739.2	1318.8	497.8
6-1	93014.5	-3953.4	-12986.8	558.2	65.7	2075.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	4	Sx	244.2	0.0	3.3	244.2
11-12	si	7	Tz	-22.7	47.9	0.0	86.0
6-1	si	5	Ty	-2.9	0.0	-59.3	102.8

----- PROGR. 75.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	39555.2	96828.3	-2631.9	997.2	-1287.4	426.9
11-12	15657.3	-99192.4	-3969.8	-739.2	1318.8	459.2

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	122882.3	-4941.8	-12986.8	558.2	65.7	1895.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	4	Sx	Si	300.3	0.0	3.3	300.3
11-12	si	7	Tz	-34.6	47.9	0.0	89.9	
6-1	si	5	Ty	-5.2	0.0	-55.6	96.5	

90.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	45862.4	116194.0	-2631.9	997.2	-1287.4	388.3
11-12	22099.0	-119030.9	-3969.8	-739.2	1318.8	420.6
6-1	150055.2	-5930.1	-12986.8	558.2	65.7	1716.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	4	Sx	Si	355.4	0.0	3.3	355.5
11-12	si	7	Tz	-45.5	47.9	0.0	94.6	
6-1	si	5	Ty	-7.4	0.0	-51.9	90.3	

105.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	51655.8	135559.6	-2631.9	997.2	-1287.4	349.7
11-12	27892.2	-138869.3	-3969.8	-739.2	1318.8	381.9
6-1	174533.4	-6918.5	-12986.8	558.2	65.7	1537.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	4	Sx	Si	409.7	0.0	3.3	409.7
11-12	si	7	Tz	-55.2	47.9	0.0	99.7	
6-1	si	5	Ty	-9.7	0.0	-48.2	84.1	

120.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	56786.9	154925.3	-2631.9	997.2	-1287.4	311.0
11-12	33185.2	-158707.8	-3969.8	-739.2	1318.8	343.3
6-1	196316.9	-7906.8	-12986.8	558.2	65.7	1358.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	4	Sx	Si	462.8	0.0	3.3	462.9
11-12	si	7	Tz	-64.2	47.9	0.0	104.9	
6-1	si	5	Ty	-12.0	0.0	-44.5	78.1	

## VERIFICA STABILITA` :

L0 = 120.  
 Z | Lc = 120. | Ro = 9.06 | lm = 13.3 | Ncr = 10605776.0 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 120. | Ro = 6.01 | lm = 20.0 | Ncr = 4670938.5 | alfa(a) = 0.2100 | ki = 0.9863 |  
 Caso 11-12 - Nodo 1 - Asse Y  
 Ned = -739.2 | Mzeq = 24888.9 | Myeq = -119030.9 | Ss = -323.9 ( 0.096 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 112- 148 ) 300  
 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	56786.9	154925.3	-2631.9	613.3	1079.4	237.3
11-11	33689.4	-154512.7	-4590.1	-335.0	-1066.1	337.2
6-1	196316.9	-7906.8	-12986.8	558.2	-14.3	1308.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	4	Sx	Si	458.6	0.0	3.3	458.6
11-11	si	7	Tz	-60.5	-40.5	0.0	92.6	
6-1	si	5	Ty	-12.0	0.0	-43.5	76.3	

21.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	61242.6	132242.4	-2631.9	613.3	1079.4	183.1
11-11	40211.4	-132110.7	-4590.1	-335.0	-1066.1	283.0
6-1	221281.0	-7605.4	-12986.8	558.2	-14.3	1057.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-5	si	4	Sx	Si	414.0	0.0	3.3	414.0
11-11	si	7	Tz	-71.5	-40.5	0.0	100.2	
6-1	si	5	Ty	-11.3	0.0	-38.3	67.3	

42.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	240945.1	-7304.0	-12986.8	558.2	-14.3	806.5
11-11	45582.6	-109742.0	-4590.1	-335.0	-1066.1	228.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	429.4	0.0	16.5	430.3
11-11	si	7	Tz	-80.6	-40.5	0.0	106.8	
11-11	si	9	Ty	-325.4	0.0	-34.0	330.7	

63.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	255309.2	-7002.5	-12986.8	558.2	-14.3	555.3
11-11	49800.0	-87429.9	-4590.1	-335.0	-1066.1	174.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	452.9	0.0	16.5	453.8
11-11	si	7	Tz	-87.7	-40.5	0.0	112.3	
11-11	si	9	Ty	-280.6	0.0	-33.4	286.5	

84.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	264373.2	-6701.1	-12986.8	558.2	-14.3	304.0
11-11	52856.9	-65226.1	-4590.1	-335.0	-1066.1	120.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	Si	467.5	0.0	16.5	468.4

11-11	si	7	Tz	-92.9	-40.5	0.0	116.4
11-11	si	9	Ty	-234.2	0.0	-32.7	241.0

----- PROGR. 105.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	268137.2	-6399.7	-12986.8	558.2	-14.3	52.8
11-11	54739.6	-43280.9	-4590.1	-335.0	-1066.1	66.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	473.2	0.0	16.5	474.0
11-11	si	7	Tz	-96.0	-40.5	0.0	118.9	
11-11	si	9	Ty	-186.6	0.0	-32.1	194.7	

----- PROGR. 127.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	266601.2	-6098.3	-12986.8	558.2	-14.3	-198.4
11-11	55416.3	-21489.3	-4590.1	-335.0	-1066.1	12.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	469.9	0.0	16.5	470.7
11-11	si	7	Tz	-97.2	-40.5	0.0	119.8	
11-11	si	9	Ty	-137.6	0.0	-31.4	148.0	

----- PROGR. 148.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	259765.1	-5796.8	-12986.8	558.2	-14.3	-449.7
11-11	54803.1	-3720.8	-4590.1	-335.0	-1066.1	-42.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	457.7	0.0	16.5	458.5
11-11	si	7	Tz	-96.1	-40.5	0.0	119.0	
11-11	si	10	Ty	-78.7	0.0	31.8	96.1	

----- PROGR. 169.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	247628.9	-5495.4	-12986.8	558.2	-14.3	-700.9
11-11	52683.7	-2296.8	-4590.1	-335.0	-1066.1	-96.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	436.5	0.0	16.5	437.4
11-11	si	7	Tz	-92.6	-40.5	0.0	116.1	
11-11	si	10	Ty	-78.8	0.0	32.5	96.8	

## VERIFICA STABILITA` :

L0 = 169. |  
Z |Lc = 169. |Ro = 9.06|lm = 18.6|Ncr= 5392438.7|alfa(a)=0.2100|ki=0.9903|  
Y |Lc = 169. |Ro = 6.01|lm = 28.1|Ncr= 2374908.7|alfa(a)=0.2100|ki=0.9612|  
Casol1-12 - Nodo 1 - Asse Y  
Ned = -355.3|Mzeq = 55083.1|Myeq = -119030.9|Ss = -370.6 ( 0.110)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 148- 149) 312  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	247628.9	-5495.4	-12986.7	558.2	-38.3	-751.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	436.5	0.0	16.5	437.4
6- 1	si	14	Tz	413.3	-25.1	0.0	415.5	
6- 1	si	5	Ty	-6.4	0.0	32.0	55.8	

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	232379.6	-4813.8	-12986.7	558.2	-38.3	-963.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	409.2	0.0	16.5	410.2
6- 1	si	14	Tz	388.8	-27.2	0.0	391.7	
6- 1	si	5	Ty	-4.9	0.0	36.4	63.2	

----- PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	213366.4	-4132.3	-12986.7	558.2	-38.3	-1175.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	375.6	0.0	16.5	376.6
6- 1	si	14	Tz	358.1	-29.4	0.0	361.7	
6- 1	si	5	Ty	-3.3	0.0	40.8	70.7	
6- 1	si	16	Si	374.0	27.4	0.0	377.0	

----- PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	190589.3	-3450.7	-12986.7	558.2	-38.3	-1387.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	335.6	0.0	16.5	336.8
6- 1	si	14	Tz	321.0	-31.5	0.0	325.6	
6- 1	si	5	Ty	-1.7	0.0	45.1	78.2	
6- 1	si	16	Si	334.3	29.5	0.0	338.2	

----- PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	164048.3	-2769.1	-12986.7	558.2	-38.3	-1598.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	289.2	0.0	16.5	290.7
6- 1	si	14	Tz	277.5	-33.7	0.0	283.6	
6- 1	si	5	Ty	-0.2	0.0	49.5	85.7	

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	16	Si	288.2	31.6	0.0	293.4	89.
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SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			133743.4	-2087.5	-12986.7	558.2	-38.3	-1810.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	236.6	0.0	16.5	238.3	
6-1	si	14	Tz	227.7	-35.8	0.0	236.0	
6-1	si	5	Ty	1.4	0.0	53.9	93.3	
6-1	si	16	Si	235.8	33.8	0.0	242.9	
----- PROGR. 107.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			99674.5	-1406.0	-12986.7	558.2	-38.3	-2022.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	177.5	0.0	16.5	179.8	
6-1	si	14	Tz	171.6	-37.9	0.0	183.7	
6-1	si	5	Ty	3.0	0.0	58.2	100.9	
6-1	si	16	Si	177.0	35.9	0.0	187.6	
----- PROGR. 124.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			61841.8	-724.4	-12986.7	558.2	-38.3	-2233.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	112.2	0.0	16.5	115.7	
6-1	si	14	Tz	109.1	-40.1	0.0	129.3	
6-1	si	5	Ty	4.5	0.0	62.6	108.6	
6-1	si	16	Si	111.9	38.1	0.0	129.9	
----- PROGR. 142.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
12-6			14114.7	-28576.7	973.7	96.8	-23.4	-530.4
6-1			20245.2	-42.8	-12986.7	558.2	-38.3	-2445.6
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-6	si	3	Sx	90.5	0.0	1.2	90.6	
6-1	si	14	Tz	40.3	-42.2	0.0	83.5	
6-1	si	5	Ty	6.1	0.0	67.0	116.2	
6-1	si	6	Si	6.3	0.0	67.0	116.2	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

CASSONE_s005 ( 5 )	stato limite ultimo	- ASTA ( 149- 150)	313
			0.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
12-6			14114.7	-28576.7	973.7	-134.5	-185.6	-576.2
6-1			20245.2	-42.8	-12986.7	558.2	-0.3	-2498.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-6	si	1	Sx	-91.0	0.0	1.2	91.0	
6-1	si	14	Tz	40.3	-41.8	0.0	82.8	
6-1	si	5	Ty	6.1	0.0	68.1	118.1	
6-1	si	6	Si	6.3	0.0	68.1	118.1	
----- PROGR. 19.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
12-11			-16840.6	25112.0	-7575.4	392.5	186.4	-653.9
6-1			-30051.4	-37.5	-12986.7	558.2	-0.3	-2727.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-11	si	1	Sx	90.5	0.0	9.6	92.0	
6-1	si	14	Tz	-44.6	-44.1	0.0	88.4	
6-1	si	5	Ty	6.1	0.0	72.8	126.3	
6-1	si	6	Si	6.3	0.0	72.8	126.3	
----- PROGR. 38.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			-84760.8	-32.1	-12986.7	558.2	-0.3	-2956.7
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	149.2	0.0	16.5	151.9	
6-1	si	14	Tz	-136.8	-46.4	0.0	158.7	
6-1	si	5	Ty	6.1	0.0	77.6	134.5	
6-1	si	15	Si	149.2	-46.4	0.0	169.5	
----- PROGR. 58.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			-143883.1	-26.8	-12986.7	558.2	-0.3	-3185.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	248.9	0.0	16.5	250.6	
6-1	si	14	Tz	-236.6	-48.7	0.0	251.1	
6-1	si	5	Ty	6.1	0.0	82.3	142.7	
6-1	si	15	Si	248.9	-48.7	0.0	262.8	
----- PROGR. 77.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			-207418.1	-21.4	-12986.7	558.2	-0.3	-3415.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	356.1	0.0	16.5	357.2	
6-1	si	14	Tz	-343.7	-51.0	0.0	354.9	
6-1	si	5	Ty	6.1	0.0	87.0	150.9	
6-1	si	15	Si	356.1	-51.0	0.0	366.9	
----- PROGR. 96.								

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-275365.9	-16.1	-12986.7	558.2	-0.3	-3644.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	470.7	0.0	16.5	471.5
6-1	si	14	Tz	-458.3	-53.3	0.0	467.5
6-1	si	5	Ty	6.1	0.0	91.8	159.1
6-1	si	15	Si	470.7	-53.3	0.0	479.7

PROGR. 115.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-347726.6	-10.7	-12986.7	558.2	-0.3	-3873.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	592.7	0.0	16.5	593.4
6-1	si	14	Tz	-580.3	-55.7	0.0	588.3
6-1	si	5	Ty	6.2	0.0	96.5	167.3
6-1	si	15	Si	592.7	-55.7	0.0	600.5

PROGR. 135.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-424500.0	-5.4	-12986.7	558.2	-0.3	-4102.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	722.2	0.0	16.5	722.8
6-1	si	14	Tz	-709.8	-58.0	0.0	716.9
6-1	si	5	Ty	6.2	0.0	101.2	175.4
6-1	si	15	Si	722.2	-58.0	0.0	729.2

PROGR. 154.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-505686.3	0.0	-12986.7	558.2	-0.3	-4332.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	859.1	0.0	16.5	859.6
6-1	si	14	Tz	-846.8	-60.3	0.0	853.2
6-1	si	5	Ty	6.2	0.0	106.0	183.6
6-1	si	15	Si	859.1	-60.3	0.0	865.5

## VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Caso 1 - 6 - Nodo 4 - Asse Y  
 Ned = -162.8 | Mzeq = -91144.0 | Myeq = -19412.9 | Ss = -200.2 ( 0.059 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 150- 151 ) 314  
 PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-501577.5	0.0	41913.0	577.1	-30.4	4355.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	852.4	0.0	53.2	857.4
6-1	si	13	Tz	852.4	-98.0	0.0	869.2
6-1	si	5	Ty	6.4	0.0	-143.1	248.0

PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-419942.7	585.2	41913.0	577.1	-30.4	4126.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	716.1	0.0	53.2	722.0
6-1	si	13	Tz	715.8	-95.7	0.0	734.8
6-1	si	5	Ty	7.7	0.0	-138.4	239.9

PROGR. 39.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-342720.6	1170.4	41913.0	577.1	-30.4	3896.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	587.2	0.0	53.2	594.3
6-1	si	13	Tz	586.7	-93.4	0.0	608.6
6-1	si	5	Ty	9.1	0.0	-133.7	231.7

PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-269911.4	1755.5	41913.0	577.1	-30.4	3667.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	465.7	0.0	53.2	474.7
6-1	si	13	Tz	465.0	-91.1	0.0	491.1
6-1	si	5	Ty	10.4	0.0	-128.9	223.6

PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-201514.9	2340.7	41913.0	577.1	-30.4	3438.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	351.7	0.0	53.2	363.5
6-1	si	13	Tz	350.8	-88.8	0.0	383.0
6-1	si	5	Ty	11.8	0.0	-124.2	215.4

PROGR. 96.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-137531.3	2925.9	41913.0	577.1	-30.4	3209.2	
TENSIONI (Sz= 0.00) :							

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	245.1	0.0	53.2	261.8
6- 1	si	13	Tz Si	244.0	-86.4	0.0	286.3
6- 1	si	5	Ty	13.1	0.0	-119.5	207.3

----- PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-77960.5	3511.1	41913.0	577.1	-30.4	2980.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	146.0	0.0	53.2	172.6
6- 1	si	13	Tz Si	144.7	-84.1	0.0	205.3
6- 1	si	5	Ty	14.5	0.0	-114.7	199.2

----- PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-11	-11156.0	-18789.9	10501.2	348.1	139.4	695.1
6- 1	-22802.5	4096.2	41913.0	577.1	-30.4	2750.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-11	si	2	Sx	65.9	0.0	13.3	69.8
6- 1	si	13	Tz	52.8	-81.8	0.0	151.2
6- 1	si	5	TySi	15.8	0.0	-110.0	191.2

----- PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 9	10614.5	-23145.5	10309.2	280.3	150.3	603.1
6- 1	27942.7	4681.4	41913.0	577.1	-30.4	2521.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 9	si	3	Sx	74.2	0.0	13.1	77.6
6- 1	si	13	Tz	-31.7	-79.5	0.0	141.3
6- 1	si	5	TySi	17.2	0.0	-105.3	183.1

-----  
VERIFICA STABILITA` :

L0 = 154. |  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.2 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Cas011- 8 - Nodo 3 - Asse Y  
 Ned = -13.2 | Mzeq = -88080.5 | Myeq = 19279.1 | Ss = -193.0 ( 0.057 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 151- 152 ) 315  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 9	10614.5	-23145.5	10309.2	309.1	129.7	560.3
6- 1	27942.7	4681.4	41913.0	577.1	16.3	2468.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 9	si	3	Sx	74.5	0.0	13.1	77.9
6- 1	si	14	Tz	62.6	78.6	0.0	149.8
6- 1	si	5	TySi	17.2	0.0	-104.2	181.2

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	70205.1	4389.9	41913.0	577.1	16.3	2255.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	134.9	0.0	53.2	163.3
6- 1	si	14	Tz Si	133.3	76.4	0.0	187.8
6- 1	si	5	Ty	16.5	0.0	-99.8	173.6

----- PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	108655.5	4098.5	41913.0	577.1	16.3	2042.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	199.1	0.0	53.2	219.4
6- 1	si	14	Tz Si	197.6	74.3	0.0	235.8
6- 1	si	5	Ty	15.8	0.0	-95.4	165.9

----- PROGR. 54.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	143293.9	3807.0	41913.0	577.1	16.3	1829.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	256.8	0.0	53.2	272.8
6- 1	si	14	Tz Si	255.4	72.1	0.0	284.3
6- 1	si	5	Ty	15.1	0.0	-91.0	158.3

----- PROGR. 72.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	174120.3	3515.6	41913.0	577.1	16.3	1616.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	308.2	0.0	53.2	321.6
6- 1	si	14	Tz Si	306.9	70.0	0.0	329.9
6- 1	si	5	Ty	14.5	0.0	-86.6	150.6

----- PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	201134.7	3224.1	41913.0	577.1	16.3	1403.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	353.1	0.0	53.2	364.9
6- 1	si	14	Tz Si	351.9	67.8	0.0	371.0
6- 1	si	5	Ty	13.8	0.0	-82.2	143.0

----- PROGR. 107.



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 224337.1 2932.7 41913.0 577.1 16.3 1190.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 391.5 0.0 53.2 402.2  
 6-1 si 14 Tz Si 390.4 65.6 0.0 406.7  
 6-1 si 5 Ty 13.1 0.0 -77.8 135.3

-----  
 PROGR. 125.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 243727.5 2641.2 41913.0 577.1 16.3 977.2

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 423.6 0.0 53.2 433.5  
 6-1 si 14 Tz Si 422.6 63.5 0.0 436.7  
 6-1 si 5 Ty 12.5 0.0 -73.4 127.7

-----  
 PROGR. 143.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 259305.9 2349.7 41913.0 577.1 16.3 764.2

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 449.2 0.0 53.2 458.5  
 6-1 si 14 Tz Si 448.3 61.3 0.0 460.7  
 6-1 si 5 Ty 11.8 0.0 -69.0 120.0

-----  
 VERIFICA STABILITA` :

L0 = 143.  
 Z Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.1 | alfa(a) = 0.2100 | ki = 0.9985  
 Y Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748  
 Casoll- 6 - Nodo 2 - Asse Y  
 Ned = -136.1 | Mzeq = 50205.9 | Myeq = 29425.4 | Ss = -153.9 ( 0.046)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 152- 153) 316  
 -----  
 PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 259306.0 2349.7 41912.9 577.1 13.4 712.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 449.2 0.0 53.2 458.5  
 6-1 si 14 Tz Si 448.3 60.7 0.0 460.5  
 6-1 si 5 Ty 11.8 0.0 -67.9 118.2

-----  
 PROGR. 21.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 271637.6 2067.7 41912.9 577.1 13.4 462.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 469.3 0.0 53.2 478.3  
 6-1 si 14 Tz Si 468.6 58.2 0.0 479.3  
 6-1 si 5 Ty 11.1 0.0 -62.7 109.2

-----  
 PROGR. 42.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 278725.9 1785.7 41912.9 577.1 13.4 212.9

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 480.6 0.0 53.2 489.4  
 6-1 si 14 Tz Si 480.0 55.7 0.0 489.6  
 6-1 si 5 Ty 10.5 0.0 -57.6 100.3

-----  
 PROGR. 63.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 280571.0 1503.6 41912.9 577.1 13.4 -37.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 483.1 0.0 53.2 491.8  
 6-1 si 13 Tz Si -463.9 53.9 0.0 473.2  
 6-1 si 9 Ty -418.0 0.0 53.9 428.3

-----  
 PROGR. 84.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 277172.7 1221.6 41912.9 577.1 13.4 -286.9

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 476.7 0.0 53.2 485.5  
 6-1 si 13 Tz -458.8 56.4 0.0 469.1  
 6-1 si 5 Ty 9.2 0.0 59.1 102.8  
 6-1 si 14 Si 476.3 -55.7 0.0 485.9

-----  
 PROGR. 105.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 268531.2 939.6 41912.9 577.1 13.4 -536.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 461.5 0.0 53.2 470.6  
 6-1 si 13 Tz -444.7 59.0 0.0 456.3  
 6-1 si 5 Ty 8.6 0.0 64.3 111.6  
 6-1 si 14 Si 461.1 -58.2 0.0 472.0

-----  
 PROGR. 126.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 254646.3 657.5 41912.9 577.1 13.4 -786.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx 437.4 0.0 53.2 447.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	13	Tz	-421.8	61.5	0.0	435.1
6-1	si	5	Ty	7.9	0.0	69.4	120.5
6-1	si	14	Si	437.2	-60.8	0.0	449.7

PROGR.

147.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	66679.8	136869.6	11155.7	703.1	-1068.1	-155.2
6-1	235518.2	375.5	41912.9	577.1	13.4	-1036.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	434.8	0.0	14.2	435.5
6-1	si	13	Tz	-390.1	64.0	0.0	405.6
6-1	si	5	Ty	7.3	0.0	74.6	129.4

PROGR.

168.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	62839.7	159174.9	11155.7	703.1	-1068.1	-209.1
6-1	211146.8	93.5	41912.9	577.1	13.4	-1286.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	479.5	0.0	14.2	480.2
6-1	si	13	Tz	-349.6	66.5	0.0	368.1
6-1	si	5	Ty	6.6	0.0	79.7	138.3

## VERIFICA STABILITA` :

L0 = 168.  
 Z Lc = 168. Ro = 9.06 lm = 18.5 Ncr = 5450796.1 alfa(a) = 0.2100 ki = 0.9906  
 Y Lc = 168. Ro = 6.01 lm = 27.9 Ncr = 2400610.1 alfa(a) = 0.2100 ki = 0.9617  
 Caso 11-5 - Nodo 1 - Asse Y  
 Ned = -436.0 Mzeq = 58681.7 Myeq = -119105.0 Ss = -377.7 ( 0.112)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 153- 93) 317  
 PROGR. 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	62839.7	159174.9	11155.7	1067.0	1283.3	-318.1
6-1	211146.8	93.5	41912.9	577.1	0.8	-1337.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	483.6	0.0	14.2	484.2
6-1	si	13	Tz	-349.6	66.7	0.0	368.2
6-1	si	5	Ty	6.6	0.0	80.8	140.1

PROGR.

16.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	57995.8	139278.1	11155.7	1067.0	1283.3	-357.9
6-1	188975.8	81.8	41912.9	577.1	0.8	-1522.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	429.7	0.0	14.2	430.4
6-1	si	13	Tz	-312.2	68.6	0.0	334.0
6-1	si	5	Ty	6.6	0.0	84.6	146.7

PROGR.

31.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	52559.8	119381.2	11155.7	1067.0	1283.3	-397.8
6-1	163942.3	70.1	41912.9	577.1	0.8	-1707.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	374.8	0.0	14.2	375.6
6-1	si	13	Tz	-270.0	70.5	0.0	296.3
6-1	si	5	Ty	6.6	0.0	88.4	153.3

PROGR.

47.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	46532.0	99484.3	11155.7	1067.0	1283.3	-437.6
6-1	136046.3	58.4	41912.9	577.1	0.8	-1891.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	318.9	0.0	14.2	319.9
6-1	si	13	Tz	-223.0	72.3	0.0	255.7
6-1	si	5	Ty	6.5	0.0	92.2	159.9

PROGR.

62.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	39912.1	79587.5	11155.7	1067.0	1283.3	-477.4
6-1	105287.9	46.7	41912.9	577.1	0.8	-2076.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	262.0	0.0	14.2	263.2
6-1	si	13	Tz	-171.1	74.2	0.0	214.0
6-1	si	5	Ty	6.5	0.0	96.1	166.5
11-12	si	11	Si	255.6	0.0	-39.1	264.4

PROGR.

78.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	32700.0	59690.6	11155.7	1067.0	1283.3	-517.2
6-1	71667.0	35.1	41912.9	577.1	0.8	-2260.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	4	Sx	204.1	0.0	14.2	205.6
6-1	si	13	Tz	-114.4	76.1	0.0	174.5
6-1	si	5	Ty	6.5	0.0	99.9	173.1
11-12	si	11	Si	198.8	0.0	-38.6	209.8

PROGR.

93.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
11-12	24895.1	39793.7	11155.7	1067.0	1283.3	-557.0

6-1	35183.6	23.4	41912.9	577.1	0.8	-2445.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
11-12	si	4	Sx	145.3	0.0	14.2
6-1	si	13	Tz	-52.9	77.9	0.0
6-1	si	5	TySi	6.4	0.0	103.7

PROGR. 109.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	-19444.0	-19850.8	10312.4	-799.9	-1280.4	-605.0
6-1	-4162.2	11.7	41912.9	577.1	0.8	-2630.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
11-5	si	4	Sx	-87.3	0.0	13.1
6-1	si	13	Tz	13.4	79.8	0.0
6-1	si	5	TySi	6.4	0.0	107.5

PROGR. 124.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-46370.5	0.0	41912.9	577.1	0.8	-2814.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
6-1	si	1	Sx	84.6	0.0	53.2
6-1	si	13	Tz	84.6	81.7	0.0
6-1	si	5	TySi	6.4	0.0	111.3

## VERIFICA STABILITA` :

L0 = 124.  
 Z Lc = 124. | Ro = 9.06 | lm = 13.7 | Ncr = 9984436.8 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 124. | Ro = 6.01 | lm = 20.6 | Ncr = 4397291.6 | alfa(a) = 0.2100 | ki = 0.9844  
 Caso 11-5 - Nodo 1 - Asse Y  
 Ned = -799.9 | Mzeq = 25800.0 | Myeq = -119105.0 | Ss = -326.3 ( 0.097)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 158- 76 ) 324  
 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	5296.4	-108565.3	3796.0	-96.8	-6096.2	-647.6
12-5	4489.6	-108668.5	5134.5	173.2	-6102.0	-615.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
11-2	si	1	Sx	-259.5	0.0	4.8
12-5	si	7	Tz	-5.7	-204.9	0.0
12-5	si	10	TySi	244.8	0.0	159.7

PROGR. 2.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	14419.3	87532.6	3902.0	242.2	5617.3	-368.2
12-5	3124.4	-95084.9	5134.5	173.2	-6102.0	-621.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	4	Sx	228.1	0.0	5.0
12-5	si	7	Tz	-3.4	-204.9	0.0
12-5	si	10	Ty	215.6	0.0	159.8
12-5	si	8	Si	7.2	-204.9	0.0

PROGR. 4.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	13561.0	75028.0	3902.0	242.2	5617.3	-373.9
12-5	1744.7	-81501.4	5134.5	173.2	-6102.0	-627.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	4	Sx	198.0	0.0	5.0
12-5	si	7	Tz	-1.0	-204.9	0.0
12-5	si	10	Ty	186.5	0.0	159.8
12-5	si	8	Si	4.9	-204.9	0.0

PROGR. 7.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	12694.5	62523.3	3902.0	242.2	5617.3	-379.6
12-5	350.8	-67917.8	5134.5	173.2	-6102.0	-632.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	4	Sx	167.8	0.0	5.0
12-5	si	7	Tz	1.3	-204.9	0.0
12-5	si	10	Ty	157.5	0.0	159.9
12-5	si	8	Si	2.5	-204.9	0.0

PROGR. 9.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	11819.2	50018.6	3902.0	242.2	5617.3	-385.3
12-5	-1056.9	-54334.2	5134.5	173.2	-6102.0	-638.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	4	Sx	137.6	0.0	5.0
12-5	si	7	Tz	3.7	-204.9	0.0
12-5	si	10	Ty	128.4	0.0	160.0

PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	10934.2	37514.0	3902.0	242.2	5617.3	-391.1
12-5	-2478.3	-40750.7	5134.5	173.2	-6102.0	-644.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty
11-15	si	4	Sx	107.3	0.0	5.0
12-5	si	7	Tz	6.1	-204.9	0.0
12-5	si	10	Ty	99.3	0.0	160.0

PROGR. 13.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-15	10039.1	25009.3	3902.0	242.2	5617.3	-396.8
12- 5	-3913.2	-27167.1	5134.5	173.2	-6102.0	-649.9

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	4	Sx	77.1	0.0	5.0	77.6
12- 5	si	7	Tz	8.5	-204.9	0.0	354.9
12- 5	si	10	Ty	70.3	0.0	160.1	286.1

----- PROGR. 16.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
11-16	9997.7	12009.4	4158.8	247.3	5394.8	-400.7
12- 5	-5361.4	-13583.6	5134.5	173.2	-6102.0	-655.6

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-16	si	4	Sx	47.2	0.0	5.3	48.1
12- 5	si	7	Tz	11.0	-204.9	0.0	355.0
12- 5	si	10	Ty	41.3	0.0	160.2	280.5

----- PROGR. 18.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12-16	11482.6	0.0	3419.6	-10.7	4881.5	-434.2
12- 5	-6822.9	0.0	5134.5	173.2	-6102.0	-661.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-19.5	0.0	4.3	20.9
12- 5	si	7	Tz	13.4	-204.9	0.0	355.1
12- 5	si	10	Ty	12.3	0.0	160.2	277.8

----- VERIFICA STABILITA` :

L0 = 18.  
Z |Lc = 18. |Ro = 9.06 |lm = 2.0 |Ncr=484311732.3 |alfa(a)=0.2100 |ki=1.0000 |  
Y |Lc = 18. |Ro = 6.01 |lm = 3.0 |Ncr=213297954.3 |alfa(a)=0.2100 |ki=1.0000 |  
Caso12-12 - Nodo 2 - Asse Y  
Ned = -27.8 |Mzeq = 16077.6 |Myeq = 75105.3 |Ss = -200.0 ( 0.059)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 161- 160) 327  
----- PROGR. 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6- 1	288857.1	0.0	34042.7	-29.8	42.9	1200.5

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-487.5	0.0	43.2	493.3
6- 1	si	14	Tz	486.9	56.5	0.0	496.6
6- 1	si	5	Ty	-0.3	0.0	-68.0	117.8
6- 1	si	15	Si	-487.5	56.5	0.0	497.3

----- PROGR. 19.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6- 1	309761.2	-825.3	34042.7	-29.8	42.9	971.3

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-524.7	0.0	43.2	530.0
6- 1	si	14	Tz	520.6	54.1	0.0	528.9
6- 1	si	5	Ty	-2.2	0.0	-63.3	109.6
6- 1	si	13	Si	-524.4	-51.9	0.0	532.0

----- PROGR. 38.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6- 1	326252.6	-1650.6	34042.7	-29.8	42.9	742.1

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-554.4	0.0	43.2	559.4
6- 1	si	14	Tz	546.8	51.8	0.0	554.1
6- 1	si	5	Ty	-4.1	0.0	-58.5	101.4
6- 1	si	13	Si	-553.8	-49.6	0.0	560.4

----- PROGR. 58.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6- 1	338331.1	-2476.0	34042.7	-29.8	42.9	512.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-576.7	0.0	43.2	581.5
6- 1	si	14	Tz	565.6	49.5	0.0	572.0
6- 1	si	5	Ty	-6.0	0.0	-53.8	93.3
6- 1	si	13	Si	-575.8	-47.2	0.0	581.6

----- PROGR. 77.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6- 1	345996.8	-3301.3	34042.7	-29.8	42.9	283.6

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-591.5	0.0	43.2	596.2
6- 1	si	14	Tz	576.9	47.2	0.0	582.7
6- 1	si	5	Ty	-7.9	0.0	-49.0	85.3

----- PROGR. 96.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6- 1	349249.7	-4126.6	34042.7	-29.8	42.9	54.4

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-598.9	0.0	43.2	603.5
6- 1	si	14	Tz	580.8	44.9	0.0	586.0
6- 1	si	10	Ty	-523.4	0.0	-44.9	529.1

----- PROGR. 115.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY		
6-1	348089.7	-4951.9	34042.7	-29.8	42.9	-174.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-598.8	0.0	43.2	603.5
6-1	si	13	Tz		-597.0	46.1	0.0	602.3
6-1	si	5	Ty		-11.7	0.0	46.8	81.9

PROGR. 135.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	342517.0	-5777.2	34042.7	-29.8	42.9	-404.1		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-591.3	0.0	43.2	596.0
6-1	si	13	Tz		-589.2	48.4	0.0	595.1
6-1	si	5	Ty		-13.6	0.0	51.5	90.3

PROGR. 154.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	332531.5	-6602.6	34042.7	-29.8	42.9	-633.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-576.4	0.0	43.2	581.2
6-1	si	13	Tz		-574.0	50.7	0.0	580.6
6-1	si	5	Ty		-15.5	0.0	56.3	98.7

## VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -29.8 | Mzeq = 349249.7 | Myeq = -4951.9 | Ss = -600.8 ( 0.178)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 162- 161) 328  
 PROGR. 0.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	331133.0	-6221.5	-59399.6	-31.5	-40.4	804.7		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		-573.2	0.0	75.4	587.8
6-1	si	13	Tz	Si	-570.9	-84.6	0.0	589.4
6-1	si	5	Ty		-14.6	0.0	-92.0	160.0

PROGR. 19.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	344416.2	-5443.8	-59399.6	-31.5	-40.4	575.4		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		-593.8	0.0	75.4	608.0
6-1	si	13	Tz	Si	-591.8	-82.2	0.0	608.7
6-1	si	5	Ty		-12.9	0.0	-87.2	151.7

PROGR. 39.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	353286.7	-4666.1	-59399.6	-31.5	-40.4	346.2		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		-607.0	0.0	75.4	620.8
6-1	si	13	Tz	Si	-605.2	-79.9	0.0	620.9
6-1	si	5	Ty		-11.1	0.0	-82.5	143.3

PROGR. 58.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	357744.3	-3888.4	-59399.6	-31.5	-40.4	116.9		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-612.7	0.0	75.4	626.4
6-1	si	13	Tz		-611.3	-77.6	0.0	625.9
6-1	si	5	Ty		-9.3	0.0	-77.8	135.0

PROGR. 77.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	357789.1	-3110.8	-59399.6	-31.5	-40.4	-112.3		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-611.0	0.0	75.4	624.8
6-1	si	14	Tz		597.1	-77.6	0.0	612.1
6-1	si	5	Ty		-7.5	0.0	77.7	134.7

PROGR. 96.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	353421.1	-2333.1	-59399.6	-31.5	-40.4	-341.5		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		-601.8	0.0	75.4	615.8
6-1	si	14	Tz		591.3	-79.9	0.0	607.2
6-1	si	5	Ty		-5.7	0.0	82.4	142.9
6-1	si	13	Si		-601.0	77.7	0.0	615.9

PROGR. 116.

Caso	MZ	MY	MT	N	TZ	TY		
6-1	344640.3	-1555.4	-59399.6	-31.5	-40.4	-570.8		
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		-585.2	0.0	75.4	599.6
6-1	si	14	Tz		578.0	-82.2	0.0	595.2
6-1	si	5	Ty		-3.9	0.0	87.1	151.0

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6- 1 | si | 13 | Si | -584.7 | 80.1 | 0.0 | 600.9 |  
-----  
PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	313840.3	-777.7	-59399.6	-31.5	-40.4	-800.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-561.2	0.0	75.4	576.2
6- 1	si	14	Tz	557.2	-84.5	0.0	576.1
6- 1	si	5	Ty	-2.1	0.0	91.9	159.2
6- 1	si	13	Si	-560.9	82.4	0.0	578.8

-----  
PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	313840.3	0.0	-59399.6	-31.5	-40.4	-1029.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-529.7	0.0	75.4	545.5
6- 1	si	14	Tz	529.0	-86.8	0.0	550.0
6- 1	si	5	Ty	-0.3	0.0	96.6	167.3
6- 1	si	15	Si	-529.7	-86.8	0.0	550.6

## VERIFICA STABILITA` :

L0 = 154. |  
Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951 |  
Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
Caso 6- 1 - Nodo 1 - Asse Y  
Ned = -31.5 | Mzeq = 357789.1 | Myeq = -4666.1 | Ss = -614.6 ( 0.182 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 165- 167 ) 331  
-----  
PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	127384.6	-3791.3	99878.8	12.9	-3.8	2922.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	223.7	0.0	126.7	313.4
6- 1	si	13	Tz	-222.0	-156.4	0.0	350.2
6- 1	si	5	Ty	-8.6	0.0	-187.1	324.1
6- 1	si	16	Si	222.3	-156.4	0.0	350.4

-----  
PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	177450.9	-3724.0	99878.8	12.9	-3.8	2710.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	308.0	0.0	126.7	378.2
6- 1	si	13	Tz	-306.4	-154.2	0.0	406.5
6- 1	si	5	Ty	-8.4	0.0	-182.7	316.6
6- 1	si	16	Si	306.6	-154.2	0.0	406.7

-----  
PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	223753.3	-3656.7	99878.8	12.9	-3.8	2498.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	386.0	0.0	126.7	444.0
6- 1	si	13	Tz	-384.3	-152.1	0.0	465.9
6- 1	si	5	Ty	-8.3	0.0	-178.3	309.0
6- 1	si	16	Si	384.6	-152.1	0.0	466.2

-----  
PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	266291.9	-3589.3	99878.8	12.9	-3.8	2286.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	457.5	0.0	126.7	507.5
6- 1	si	13	Tz	-455.9	-149.9	0.0	524.7
6- 1	si	5	Ty	-8.1	0.0	-174.0	301.4
6- 1	si	16	Si	456.2	-149.9	0.0	525.0

-----  
PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	305066.5	-3522.0	99878.8	12.9	-3.8	2075.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	522.8	0.0	126.7	567.0
6- 1	si	13	Tz	-521.2	-147.8	0.0	580.7
6- 1	si	5	Ty	-7.9	0.0	-169.6	293.8
6- 1	si	16	Si	521.5	-147.8	0.0	580.9

-----  
PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	340077.2	-3454.7	99878.8	12.9	-3.8	1863.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	581.7	0.0	126.7	621.7
6- 1	si	13	Tz	-580.1	-145.7	0.0	632.6
6- 1	si	5	Ty	-7.8	0.0	-165.2	286.2
6- 1	si	16	Si	580.4	-145.7	0.0	632.9

-----  
PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	371324.0	-3387.4	99878.8	12.9	-3.8	1651.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	634.2	0.0	126.7	671.1
6- 1	si	13	Tz	-632.7	-143.5	0.0	679.8

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	5	Ty	-7.6	0.0	-160.8	278.7
6-1	si	16	Si	633.0	-143.5	0.0	680.1

124.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	398806.9	-3320.1	99878.8	12.9	-3.8	1440.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	680.4	0.0	126.7	715.0
6-1	si	13	Tz	-678.9	-141.4	0.0	721.7
6-1	si	5	Ty	-7.5	0.0	-156.5	271.1
6-1	si	16	Si	679.2	-141.4	0.0	722.0

142.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	422525.9	-3252.8	99878.8	12.9	-3.8	1228.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	720.3	0.0	126.7	753.0
6-1	si	13	Tz	-718.8	-139.2	0.0	758.2
6-1	si	5	Ty	-7.3	0.0	-152.1	263.5
6-1	si	16	Si	719.1	-139.2	0.0	758.5

## VERIFICA STABILITA` :

L0 = 142. |  
 Z |Lc = 142. |Ro = 9.06 |lm = 15.7 |Ncr= 7593228.2 |alfa(a)=0.2100 |ki=0.9988 |  
 Y |Lc = 142. |Ro = 6.01 |lm = 23.6 |Ncr= 3344168.5 |alfa(a)=0.2100 |ki=0.9753 |  
 Caso12-12 - Nodo 2 - Asse Y  
 Ned = -442.6 |Mzeq = 108101.7 |Myeq = 41927.2 |Ss = -283.7 ( 0.084)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 167- 173) 333  
 ----- PROGR. 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	422525.9	-3252.8	99878.7	12.9	-21.1	1176.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	720.3	0.0	126.7	753.0
6-1	si	13	Tz	-718.8	-139.2	0.0	758.1
6-1	si	5	Ty	-7.3	0.0	-151.0	261.7
6-1	si	16	Si	719.1	-139.2	0.0	758.4

19.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	442963.6	-2846.2	99878.7	12.9	-21.1	947.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	753.8	0.0	126.7	785.1
6-1	si	13	Tz	-752.5	-136.8	0.0	788.9
6-1	si	5	Ty	-6.4	0.0	-146.3	253.4
6-1	si	16	Si	752.8	-136.8	0.0	789.2

39.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	458988.5	-2439.6	99878.7	12.9	-21.1	717.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	779.9	0.0	126.7	810.2
6-1	si	13	Tz	-778.7	-134.5	0.0	812.9
6-1	si	5	Ty	-5.5	0.0	-141.5	245.2
6-1	si	16	Si	779.0	-134.5	0.0	813.1

58.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	470600.6	-2033.0	99878.7	12.9	-21.1	488.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	798.6	0.0	126.7	828.2
6-1	si	13	Tz	-797.5	-132.2	0.0	829.8
6-1	si	5	Ty	-4.5	0.0	-136.8	237.0
6-1	si	16	Si	797.8	-132.2	0.0	830.0

77.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	477799.8	-1626.4	99878.7	12.9	-21.1	259.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	809.8	0.0	126.7	839.0
6-1	si	13	Tz	-808.9	-129.9	0.0	839.6
6-1	si	5	Ty	-3.6	0.0	-132.1	228.8
6-1	si	16	Si	809.2	-129.9	0.0	839.9

96.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	480586.3	-1219.8	99878.7	12.9	-21.1	30.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	813.6	0.0	126.7	842.6
6-1	si	13	Tz	-812.8	-127.6	0.0	842.3
6-1	si	9	Ty	-735.4	0.0	-127.6	767.9

116.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	478960.0	-813.2	99878.7	12.9	-21.1	-199.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	809.9	0.0	126.7	839.1
6-1	si	14	Tz	806.4	-129.3	0.0	836.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	5	Ty	-1.7	0.0	130.8	226.6
6-1	si	16	Si	809.6	128.2	0.0	839.5

-----  
PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	472920.8	-406.6	99878.7	12.9	-21.1	-428.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	798.8	0.0	126.7	828.4
6-1	si	14	Tz	797.0	-131.6	0.0	829.0
6-1	si	5	Ty	-0.8	0.0	135.6	234.8
6-1	si	16	Si	798.6	130.5	0.0	830.0

-----  
PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	462468.9	0.0	99878.7	12.9	-21.1	-657.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	780.2	0.0	126.7	810.5
6-1	si	14	Tz	780.2	-133.9	0.0	813.9
6-1	si	5	Ty	0.1	0.0	140.3	243.0

## VERIFICA STABILITA` :

L0 = 154.  
 Z |Lc = 154. |Ro = 9.06 |lm = 17.0 |Ncr= 6476635.3 |alfa(a)=0.2100 |ki=0.9951 |  
 Y |Lc = 154. |Ro = 6.01 |lm = 25.6 |Ncr= 2852404.7 |alfa(a)=0.2100 |ki=0.9691 |  
 Caso12-10 - Nodo 2 - Asse Y  
 Ned = -181.2 |Mzeq = 165068.4 |Myeq = 16671.6 |Ss = -318.8 ( 0.094)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 168- 169) 334  
 -----  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	427508.6	0.0	46209.6	19.2	25.7	906.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	721.3	0.0	58.6	728.4
6-1	si	14	Tz	721.3	68.5	0.0	731.0
6-1	si	5	Ty	0.2	0.0	-77.3	134.0

-----  
PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	442748.0	-494.1	46209.6	19.2	25.7	677.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	748.1	0.0	58.6	755.0
6-1	si	14	Tz	746.0	66.1	0.0	754.8
6-1	si	5	Ty	-0.9	0.0	-72.6	125.8
6-1	si	16	Si	747.9	-64.8	0.0	756.3

-----  
PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	453574.6	-988.2	46209.6	19.2	25.7	447.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	767.5	0.0	58.6	774.2
6-1	si	14	Tz	763.3	63.8	0.0	771.3
6-1	si	5	Ty	-2.1	0.0	-67.9	117.6
6-1	si	16	Si	767.2	-62.5	0.0	774.8

-----  
PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	459988.3	-1482.2	46209.6	19.2	25.7	218.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	779.5	0.0	58.6	786.1
6-1	si	14	Tz	773.2	61.5	0.0	780.5
6-1	si	5	Ty	-3.2	0.0	-63.1	109.4

-----  
PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	461989.3	-1976.3	46209.6	19.2	25.7	-10.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	784.0	0.0	58.6	790.5
6-1	si	7	Tz	-779.0	59.5	0.0	785.8
6-1	si	9	Ty	-708.8	0.0	59.4	716.2

-----  
PROGR. 96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	459577.5	-2470.4	46209.6	19.2	25.7	-239.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	781.1	0.0	58.6	787.6
6-1	si	13	Tz	-779.7	61.7	0.0	787.0
6-1	si	5	Ty	-5.5	0.0	63.6	110.3

-----  
PROGR. 116.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	452752.9	-2964.5	46209.6	19.2	25.7	-469.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	770.7	0.0	58.6	777.3
6-1	si	13	Tz	-769.2	64.0	0.0	777.1
6-1	si	5	Ty	-6.6	0.0	68.3	118.5
6-1	si	16	Si	769.6	64.0	0.0	777.5

-----  
PROGR. 135.

## SOLLECITAZIONI :



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	441515.4	-3458.6	46209.6	19.2	25.7	-698.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	752.9	0.0	58.6	759.7
6-1	si	13	Tz	-751.2	66.4	0.0	759.9
6-1	si	5	Ty	-7.7	0.0	73.0	126.8
6-1	si	16	Si	751.6	66.4	0.0	760.3

----- PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	425865.2	-3952.7	46209.6	19.2	25.7	-927.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	727.6	0.0	58.6	734.7
6-1	si	13	Tz	-725.7	68.7	0.0	735.4
6-1	si	5	Ty	-8.9	0.0	77.8	135.0
6-1	si	16	Si	726.1	68.7	0.0	735.8

## VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso12-13 - Nodo 2 - Asse Y  
 Ned = -107.9 | Mzeq = 137763.8 | Myeq = 14500.9 | Ss = -266.9 ( 0.079)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 169- 170 ) 335  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	425865.2	-3952.7	46209.5	19.2	-38.4	-980.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	727.6	0.0	58.6	734.7
6-1	si	14	Tz	710.9	-69.6	0.0	721.0
6-1	si	5	Ty	-8.9	0.0	78.9	136.9
6-1	si	16	Si	726.1	67.5	0.0	735.5

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	406416.0	-3265.9	46209.5	19.2	-38.4	-1193.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	693.2	0.0	58.6	700.6
6-1	si	14	Tz	679.4	-71.7	0.0	690.7
6-1	si	5	Ty	-7.3	0.0	83.3	144.4
6-1	si	16	Si	692.0	69.7	0.0	702.5

----- PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	383154.7	-2579.2	46209.5	19.2	-38.4	-1406.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	652.4	0.0	58.6	660.3
6-1	si	14	Tz	641.5	-73.9	0.0	654.1
6-1	si	5	Ty	-5.7	0.0	87.7	152.0
6-1	si	16	Si	651.5	71.8	0.0	663.2

----- PROGR. 54.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	356081.5	-1892.5	46209.5	19.2	-38.4	-1619.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	605.2	0.0	58.6	613.6
6-1	si	14	Tz	597.2	-76.0	0.0	611.5
6-1	si	5	Ty	-4.1	0.0	92.1	159.5
6-1	si	16	Si	604.5	74.0	0.0	617.9

----- PROGR. 72.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	325196.2	-1205.8	46209.5	19.2	-38.4	-1832.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	551.5	0.0	58.6	560.8
6-1	si	14	Tz	546.4	-78.2	0.0	562.9
6-1	si	5	Ty	-2.6	0.0	96.5	167.1
6-1	si	16	Si	551.0	76.1	0.0	566.6

----- PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	290499.0	-519.0	46209.5	19.2	-38.4	-2045.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	491.4	0.0	58.6	501.8
6-1	si	14	Tz	489.2	-80.3	0.0	508.6
6-1	si	5	Ty	-1.0	0.0	100.9	174.7
6-1	si	16	Si	491.2	78.3	0.0	509.6

----- PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	251989.7	167.7	46209.5	19.2	-38.4	-2258.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	425.6	0.0	58.6	437.6
6-1	si	14	Tz	425.6	-82.5	0.0	448.9
6-1	si	5	Ty	0.6	0.0	105.3	182.4

----- PROGR. 125.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	209668.5	854.4	46209.5	19.2	-38.4	-2472.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	355.8	0.0	58.6	370.0
6-1	si	14	Tz	355.5	-84.6	0.0	384.6
6-1	si	5	Ty	2.2	0.0	109.7	190.0

----- PROGR. 143.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	163535.2	1541.1	46209.5	19.2	-38.4	-2685.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	279.6	0.0	58.6	297.5
6-1	si	14	Tz	279.0	-86.8	0.0	316.9
6-1	si	5	Ty	3.8	0.0	114.1	197.6

----- PROGR. 143.

## VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.0 | alfa(a) = 0.2100 | ki = 0.9985 |  
 Y | Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748 |  
 Caso11-15 - Nodo 1 - Asse Y  
 Ned = -70.5 | Mzeq = 101685.9 | Myeq = -50720.7 | Ss = -288.9 ( 0.085)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 170- 80) 336  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	163535.2	1541.1	46209.6	19.2	27.9	-2735.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	279.6	0.0	58.6	297.5
6-1	si	13	Tz	-272.6	87.0	0.0	311.5
6-1	si	5	Ty	3.8	0.0	115.1	199.4
6-1	si	14	Si	279.0	-85.6	0.0	315.9

----- PROGR. 7.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	144334.6	1348.5	46209.6	19.2	27.9	-2817.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	246.8	0.0	58.6	266.8
6-1	si	13	Tz	-240.6	87.9	0.0	284.7
6-1	si	5	Ty	3.3	0.0	116.8	202.4
6-1	si	14	Si	246.3	-86.4	0.0	288.2

----- PROGR. 14.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	124564.5	1155.9	46209.6	19.2	27.9	-2900.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	213.0	0.0	58.6	235.9
6-1	si	13	Tz	-207.7	88.7	0.0	258.3
6-1	si	5	Ty	2.9	0.0	118.5	205.3
6-1	si	14	Si	212.5	-87.2	0.0	260.8

----- PROGR. 21.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	104225.0	963.2	46209.6	19.2	27.9	-2982.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	178.2	0.0	58.6	205.1
6-1	si	13	Tz	-173.7	89.5	0.0	232.9
6-1	si	5	Ty	2.4	0.0	120.2	208.3
6-1	si	14	Si	177.9	-88.1	0.0	234.3

----- PROGR. 28.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	83315.9	770.6	46209.6	19.2	27.9	-3064.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	142.5	0.0	58.6	175.0
6-1	si	13	Tz	-138.8	90.4	0.0	209.2
6-1	si	5	TySi	2.0	0.0	121.9	211.2

----- PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	61837.4	577.9	46209.6	19.2	27.9	-3147.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	105.8	0.0	58.6	146.7
6-1	si	13	Tz	-103.0	91.2	0.0	188.6
6-1	si	5	TySi	1.5	0.0	123.6	214.1

----- PROGR. 41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	39789.3	385.3	46209.6	19.2	27.9	-3229.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	68.2	0.0	58.6	122.3
6-1	si	13	Tz	-66.2	92.0	0.0	172.6
6-1	si	5	TySi	1.1	0.0	125.3	217.1

----- PROGR. 48.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-4	7299.8	7129.6	15460.1	-202.2	1031.0	-799.1
6-1	17171.8	192.6	46209.6	19.2	27.9	-3311.8

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 4	si	2	Sx	-30.9	0.0	19.6	45.9
6- 1	si	13	Tz	-28.4	92.9	0.0	163.3
6- 1	si	5	TySi	0.7	0.0	127.0	220.0

----- PROGR. 55.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-6015.2	0.0	46209.6	19.2	27.9	-3394.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	10.4	0.0	58.6	102.1
6- 1	si	13	Tz	10.4	93.7	0.0	162.6
6- 1	si	5	Ty	0.2	0.0	128.7	223.0
6- 1	si	6	Si	0.2	0.0	128.7	223.0

## VERIFICA STABILITA` :

L0 = 55.  
 Z | Lc = 55. | Ro = 9.06 | lm = 6.1 | Ncr = 50185073.6 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 55. | Ro = 6.01 | lm = 9.2 | Ncr = 22102238.8 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 11- 2 - Nodo 2 - Asse Y  
 Ned = -245.7 | Mzeq = 28768.0 | Myeq = 51449.7 | Ss = -169.5 ( 0.050)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	444733.0	0.0	13313.5	7.2	13.4	859.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	750.2	0.0	16.9	750.8
6- 1	si	14	Tz Si	750.2	25.9	0.0	751.6
6- 1	si	5	Ty	0.1	0.0	-34.7	60.0

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	459077.7	-258.4	13313.5	7.2	13.4	630.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	775.0	0.0	16.9	775.6
6- 1	si	14	Tz	773.9	23.6	0.0	775.0
6- 1	si	5	Ty	-0.5	0.0	-29.9	51.8
6- 1	si	16	Si	774.9	-22.9	0.0	775.9

----- PROGR. 38.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	469009.6	-516.9	13313.5	7.2	13.4	401.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	792.3	0.0	16.9	792.9
6- 1	si	14	Tz	790.2	21.3	0.0	791.0
6- 1	si	5	Ty	-1.1	0.0	-25.2	43.6
6- 1	si	16	Si	792.2	-20.6	0.0	793.0

----- PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	474528.6	-775.3	13313.5	7.2	13.4	172.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx Si	802.2	0.0	16.9	802.8
6- 1	si	14	Tz	799.0	19.0	0.0	799.6
6- 1	si	5	Ty	-1.7	0.0	-20.4	35.5

----- PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	475634.9	-1033.8	13313.5	7.2	13.4	-57.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx Si	804.7	0.0	16.9	805.2
6- 1	si	13	Tz	-804.2	17.8	0.0	804.8
6- 1	si	5	Ty	-2.3	0.0	18.1	31.4

----- PROGR. 96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	472328.3	-1292.2	13313.5	7.2	13.4	-286.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx Si	799.7	0.0	16.9	800.3
6- 1	si	13	Tz	-799.1	20.1	0.0	799.9
6- 1	si	5	Ty	-2.9	0.0	22.8	39.6

----- PROGR. 115.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	464609.0	-1550.7	13313.5	7.2	13.4	-515.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx Si	787.3	0.0	16.9	787.8
6- 1	si	13	Tz	-786.6	22.5	0.0	787.5
6- 1	si	5	Ty	-3.5	0.0	27.5	47.8

----- PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	452476.8	-1809.1	13313.5	7.2	13.4	-744.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx Si	767.4	0.0	16.9	768.0
6- 1	si	13	Tz	-766.6	24.8	0.0	767.8
6- 1	si	5	Ty	-4.1	0.0	32.3	56.1

----- PROGR. 154.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	435931.8	-2067.5	13313.5	7.2	13.4	-974.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	740.1	0.0	16.9	740.7
6-1	si	13	Tz	-739.2	27.1	0.0	740.7
6-1	si	5	Ty	-4.7	0.0	37.0	64.3
6-1	si	16	Si	739.4	27.1	0.0	740.8

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 VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso 12-13 - Nodo 2 - Asse Y  
 Ned = -15.5 | Mzeq = 156126.1 | Myeq = 13422.8 | Ss = -294.4 ( 0.087)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 178- 181) 344  
 -----  
 PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	115959.6	0.0	-88535.7	-11.5	16.6	1930.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-195.7	0.0	112.3	276.0
6-1	si	14	Tz	195.5	132.3	0.0	301.2
6-1	si	5	Ty	-0.1	0.0	-152.2	263.6
6-1	si	15	Si	-195.7	132.3	0.0	301.3

-----  
 PROGR. 19.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	150923.7	-320.4	-88535.7	-11.5	16.6	1701.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-255.4	0.0	112.3	321.1
6-1	si	14	Tz	253.8	130.0	0.0	339.3
6-1	si	5	Ty	-0.9	0.0	-147.5	255.4
6-1	si	15	Si	-254.1	130.0	0.0	339.5

-----  
 PROGR. 38.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	181474.9	-640.8	-88535.7	-11.5	16.6	1472.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-307.7	0.0	112.3	364.0
6-1	si	14	Tz	304.7	127.7	0.0	376.5
6-1	si	5	Ty	-1.6	0.0	-142.7	247.2
6-1	si	13	Si	-307.5	-126.8	0.0	377.8

-----  
 PROGR. 58.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	207613.4	-961.2	-88535.7	-11.5	16.6	1243.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-352.5	0.0	112.3	402.6
6-1	si	14	Tz	348.2	125.3	0.0	410.3
6-1	si	5	Ty	-2.3	0.0	-138.0	239.0
6-1	si	13	Si	-352.2	-124.5	0.0	412.9

-----  
 PROGR. 77.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	229339.0	-1281.6	-88535.7	-11.5	16.6	1014.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-389.9	0.0	112.3	435.7
6-1	si	14	Tz	384.2	123.0	0.0	439.3
6-1	si	5	Ty	-3.1	0.0	-133.3	230.8
6-1	si	13	Si	-389.4	-122.1	0.0	443.2

-----  
 PROGR. 96.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	246651.9	-1602.0	-88535.7	-11.5	16.6	784.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-419.8	0.0	112.3	462.7
6-1	si	14	Tz	412.8	120.7	0.0	462.7
6-1	si	5	Ty	-3.8	0.0	-128.5	222.7
6-1	si	13	Si	-419.2	-119.8	0.0	467.8

-----  
 PROGR. 115.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	259551.9	-1922.4	-88535.7	-11.5	16.6	555.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-442.3	0.0	112.3	483.2
6-1	si	14	Tz	433.9	118.4	0.0	479.9
6-1	si	5	Ty	-4.5	0.0	-123.8	214.5
6-1	si	13	Si	-441.6	-117.5	0.0	486.3

-----  
 PROGR. 135.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	268039.1	-2242.8	-88535.7	-11.5	16.6	326.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-457.4	0.0	112.3	497.0
6-1	si	14	Tz	447.6	116.1	0.0	490.7
6-1	si	5	Ty	-5.3	0.0	-119.1	206.3
6-1	si	13	Si	-456.6	-115.2	0.0	498.2

----- PROGR. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	272113.6	-2563.2	-88535.7	-11.5	16.6	97.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-465.0	0.0	112.3	504.0
6-1	si	14	Tz	453.9	113.7	0.0	494.8
6-1	si	5	Ty	-6.0	0.0	-114.3	198.1

VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. Ro = 9.06 lm = 17.0 Ncr = 6476635.3 alfa(a) = 0.2100 ki = 0.9951  
 Y Lc = 154. Ro = 6.01 lm = 25.6 Ncr = 2852404.7 alfa(a) = 0.2100 ki = 0.9691  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -11.5 Mzeq = 272113.6 Myeq = -1922.4 Ss = -463.5 ( 0.137)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	272113.6	-2563.2	-88535.7	-11.5	-34.0	44.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-465.0	0.0	112.3	504.0
6-1	si	13	Tz	-464.0	-113.7	0.0	504.1
6-1	si	9	Ty	-420.9	0.0	-113.7	464.7

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	271001.9	-1954.4	-88535.7	-11.5	-34.0	-168.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-461.7	0.0	112.3	501.0
6-1	si	14	Tz	453.2	-114.9	0.0	495.0
6-1	si	5	Ty	-4.6	0.0	115.8	200.6

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	266078.3	-1345.6	-88535.7	-11.5	-34.0	-381.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-452.0	0.0	112.3	492.1
6-1	si	14	Tz	446.1	-117.1	0.0	490.0
6-1	si	5	Ty	-3.2	0.0	120.2	208.2
6-1	si	13	Si	-451.5	115.3	0.0	493.7

----- PROGR. 54.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	257342.6	-736.7	-88535.7	-11.5	-34.0	-594.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-435.9	0.0	112.3	477.3
6-1	si	14	Tz	432.5	-119.2	0.0	479.3
6-1	si	5	Ty	-1.8	0.0	124.6	215.8
6-1	si	13	Si	-435.6	117.4	0.0	480.8

----- PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	244795.0	-127.9	-88535.7	-11.5	-34.0	-807.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-413.3	0.0	112.3	456.8
6-1	si	14	Tz	412.5	-121.4	0.0	463.0
6-1	si	5	Ty	-0.4	0.0	129.0	223.4
6-1	si	15	Si	-412.8	-121.4	0.0	463.2

----- PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	228435.3	480.9	-88535.7	-11.5	-34.0	-1020.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-386.5	0.0	112.3	432.7
6-1	si	14	Tz	386.1	-123.5	0.0	441.4
6-1	si	5	Ty	1.0	0.0	133.4	231.1
6-1	si	15	Si	-386.4	-123.5	0.0	441.7

----- PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	208263.7	1089.7	-88535.7	-11.5	-34.0	-1234.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-353.9	0.0	112.3	403.9
6-1	si	14	Tz	353.3	-125.7	0.0	415.0
6-1	si	5	Ty	2.4	0.0	137.8	238.7
6-1	si	15	Si	-353.5	-125.7	0.0	415.2

----- PROGR. 125.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	184280.1	1698.5	-88535.7	-11.5	-34.0	-1447.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-314.9	0.0	112.3	370.1
6-1	si	14	Tz	314.0	-127.9	0.0	384.2
6-1	si	5	Ty	3.8	0.0	142.2	246.3
6-1	si	15	Si	-314.2	-127.9	0.0	384.4

----- PROGR. 143.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	156484.5	2307.4	-88535.7	-11.5	-34.0	-1660.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-269.4	0.0	112.3	332.3
6-1	si	14	Tz	268.3	-130.0	0.0	350.3
6-1	si	5	Ty	5.2	0.0	146.6	254.0
6-1	si	15	Si	-268.5	-130.0	0.0	350.4

VERIFICA STABILITA` :

L0 = 143.  
 Z Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.0 | alfa(a) = 0.2100 | ki = 0.9985  
 Y Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -11.5 | Mzeq = 272113.6 | Myeq = -1922.4 | Ss = -463.5 ( 0.137)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 182- 84) 348  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	156484.4	2307.4	-88535.8	-11.5	24.9	-1710.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-269.4	0.0	112.3	332.3
6-1	si	13	Tz	-259.6	130.3	0.0	344.0
6-1	si	5	Ty	5.2	0.0	147.7	255.8
6-1	si	15	Si	-268.5	-129.0	0.0	349.3

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	135832.2	2018.9	-88535.8	-11.5	24.9	-1848.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-233.9	0.0	112.3	304.2
6-1	si	13	Tz	-225.3	131.7	0.0	320.6
6-1	si	5	Ty	4.5	0.0	150.5	260.7
6-1	si	15	Si	-233.1	-130.4	0.0	324.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	113576.3	1730.5	-88535.8	-11.5	24.9	-1986.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-195.7	0.0	112.3	275.9
6-1	si	13	Tz	-188.4	133.1	0.0	297.7
6-1	si	5	Ty	3.8	0.0	153.4	265.7
6-1	si	15	Si	-195.0	-131.8	0.0	300.2

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	89716.8	1442.1	-88535.8	-11.5	24.9	-2125.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-154.8	0.0	112.3	248.6
6-1	si	13	Tz	-148.7	134.5	0.0	276.3
6-1	si	5	Ty	3.2	0.0	156.2	270.6
6-1	si	15	Si	-154.2	-133.2	0.0	277.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	64253.5	1153.7	-88535.8	-11.5	24.9	-2263.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-111.2	0.0	112.3	224.1
6-1	si	13	Tz	-106.3	135.9	0.0	258.2
6-1	si	5	Ty	2.5	0.0	159.1	275.5
6-1	si	6	Si	-2.8	0.0	159.1	275.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	37186.5	865.3	-88535.8	-11.5	24.9	-2401.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-64.8	0.0	112.3	205.1
6-1	si	13	Tz	-61.2	137.3	0.0	245.5
6-1	si	5	Ty	1.9	0.0	161.9	280.5
6-1	si	6	Si	-2.1	0.0	161.9	280.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	1069.0	-9023.9	-22715.0	506.3	-388.8	-624.7
6-1	8515.8	576.8	-88535.8	-11.5	24.9	-2539.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	28.1	0.0	28.8	57.3
6-1	si	13	Tz	-13.4	138.7	0.0	240.6
6-1	si	5	Ty	1.2	0.0	164.8	285.4
6-1	si	6	Si	-1.5	0.0	164.8	285.4

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-21758.6	288.4	-88535.8	-11.5	24.9	-2677.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-37.5	0.0	112.3	198.1
6-1	si	13	Tz	37.1	140.1	0.0	245.4
6-1	si	5	Ty	0.5	0.0	167.6	290.4
6-1	si	6	Si	-0.8	0.0	167.6	290.4

----- PROGR. 93.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 -53636.7 0.0 -88535.8 -11.5 24.9 -2816.1  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 4 Sx -90.6 0.0 112.3 214.6  
 6-1 si 13 Tz 90.3 141.5 0.0 261.1  
 6-1 si 5 TySi -0.1 0.0 170.5 295.3

-----  
 VERIFICA STABILITA` :

L0 = 93.  
 Z Lc = 93. Ro = 9.06 lm = 10.2 Ncr = 17821339.2 alfa(a) = 0.2100 ki = 1.0000  
 Y Lc = 93. Ro = 6.01 lm = 15.4 Ncr = 7848777.8 alfa(a) = 0.2100 ki = 0.9996  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -11.5 Mzeq = 117363.3 Myeq = 1730.5 Ss = -202.1 ( 0.060)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 183- 86) 349  
 ----- PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 179445.3 3091.2 -47032.3 -2.8 27.7 -295.2  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -309.8 0.0 59.7 326.6  
 6-1 si 13 Tz -296.7 63.4 0.0 316.4  
 6-1 si 5 Ty 7.1 0.0 65.8 114.1  
 6-1 si 15 Si -308.7 -61.9 0.0 326.8

----- PROGR. 14.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 174168.4 2704.8 -47032.3 -2.8 27.7 -461.3  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -300.0 0.0 59.7 317.3  
 6-1 si 13 Tz -288.6 65.1 0.0 309.8  
 6-1 si 5 Ty 6.2 0.0 69.2 120.0  
 6-1 si 15 Si -299.0 -63.6 0.0 318.7

----- PROGR. 28.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 166574.3 2318.4 -47032.3 -2.8 27.7 -627.5  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -286.3 0.0 59.7 304.4  
 6-1 si 13 Tz -276.5 66.7 0.0 299.7  
 6-1 si 5 Ty 5.3 0.0 72.6 125.9  
 6-1 si 15 Si -285.5 -65.3 0.0 307.0

----- PROGR. 42.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 156662.9 1932.0 -47032.3 -2.8 27.7 -793.6  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -268.7 0.0 59.7 287.9  
 6-1 si 13 Tz -260.5 68.4 0.0 286.2  
 6-1 si 5 Ty 4.4 0.0 76.1 131.8  
 6-1 si 15 Si -268.0 -67.0 0.0 292.0

----- PROGR. 56.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 144434.3 1545.6 -47032.3 -2.8 27.7 -959.7  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -247.2 0.0 59.7 267.9  
 6-1 si 13 Tz -240.7 70.1 0.0 269.6  
 6-1 si 5 Ty 3.5 0.0 79.5 137.7  
 6-1 si 15 Si -246.6 -68.6 0.0 273.8

----- PROGR. 70.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 129888.6 1159.2 -47032.3 -2.8 27.7 -1125.8  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -221.8 0.0 59.7 244.7  
 6-1 si 13 Tz -216.9 71.8 0.0 250.0  
 6-1 si 5 Ty 2.6 0.0 82.9 143.7  
 6-1 si 15 Si -221.4 -70.3 0.0 252.7

----- PROGR. 84.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 113025.6 772.8 -47032.3 -2.8 27.7 -1291.9  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -192.4 0.0 59.7 218.4  
 6-1 si 13 Tz -189.2 73.5 0.0 228.0  
 6-1 si 5 Ty 1.7 0.0 86.4 149.6  
 6-1 si 15 Si -192.2 -72.0 0.0 229.1

----- PROGR. 98.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 93845.5 386.4 -47032.3 -2.8 27.7 -1458.0  
 TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 2 Sx -159.2 0.0 59.7 189.8  
 6-1 si 13 Tz Si -157.6 75.1 0.0 204.4  
 6-1 si 5 Ty 0.9 0.0 89.8 155.5

----- PROGR. 112.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	72348.1	0.0	-47032.3	-2.8	27.7	-1624.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-122.1	0.0	59.7	159.9
6-1	si	13	Tz	-122.1	76.8	0.0	180.6
6-1	si	5	Ty	0.0	0.0	93.2	161.5

## VERIFICA STABILITA` :

L0 = 112.  
 Z Lc = 112. Ro = 9.06 lm = 12.3 Ncr = 12333887.3 alfa(a) = 0.2100 ki = 1.0000  
 Y Lc = 112. Ro = 6.01 lm = 18.6 Ncr = 5432024.0 alfa(a) = 0.2100 ki = 0.9905  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -2.8 MzEq = 179445.3 MyEq = 2318.4 Ss = -308.0 ( 0.091)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 185- 186) 351  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	186505.4	-3727.8	-14684.2	47.8	5.2	513.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	323.7	0.0	18.6	325.3
6-1	si	14	Tz	307.9	24.0	0.0	310.7
6-1	si	5	Ty	-8.0	0.0	-29.2	51.3

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	193749.6	-3820.5	-14684.2	47.8	5.2	301.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	336.1	0.0	18.6	337.7
6-1	si	14	Tz	320.0	21.8	0.0	322.2
6-1	si	5	Ty	-8.2	0.0	-24.9	43.8

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	197229.9	-3913.2	-14684.2	47.8	5.2	89.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	342.2	0.0	18.6	343.7
6-1	si	14	Tz	325.6	19.7	0.0	327.4
6-1	si	5	Ty	-8.5	0.0	-20.5	36.5

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	196946.3	-4005.9	-14684.2	47.8	5.2	-121.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	341.9	0.0	18.6	343.4
6-1	si	13	Tz	-339.4	20.0	0.0	341.2
6-1	si	5	Ty	-8.7	0.0	21.1	37.6

----- PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	192898.8	-4098.6	-14684.2	47.8	5.2	-333.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	335.3	0.0	18.6	336.9
6-1	si	13	Tz	-332.7	22.1	0.0	334.9
6-1	si	5	Ty	-8.9	0.0	25.5	45.1

----- PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	185087.4	-4191.3	-14684.2	47.8	5.2	-545.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	322.3	0.0	18.6	324.0
6-1	si	13	Tz	-319.7	24.3	0.0	322.5
6-1	si	5	Ty	-9.1	0.0	29.9	52.6

----- PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	173512.1	-4283.9	-14684.2	47.8	5.2	-756.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	303.0	0.0	18.6	304.7
6-1	si	13	Tz	-300.4	26.4	0.0	303.9
6-1	si	5	Ty	-9.3	0.0	34.3	60.1
6-1	si	16	Si	301.5	26.4	0.0	304.9

----- PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	158172.9	-4376.6	-14684.2	47.8	5.2	-968.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	277.4	0.0	18.6	279.2
6-1	si	13	Tz	-274.7	28.6	0.0	279.1
6-1	si	5	Ty	-9.5	0.0	38.6	67.6
6-1	si	16	Si	275.8	28.6	0.0	280.2

----- PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	139069.8	-4469.3	-14684.2	47.8	5.2	-1180.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	245.4	0.0	18.6	247.5



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6-1	si	13	Tz	-242.7	30.7	0.0	248.4
6-1	si	5	Ty	-9.7	0.0	43.0	75.1
6-1	si	16	Si	243.7	30.7	0.0	249.5

-----  
 VERIFICA STABILITA` :

L0 = 142. |  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso11-14 - Nodo 1 - Asse Y  
 Ned = -34.5 | Mzeq = 43374.6 | Myeq = -37538.0 | Ss = -159.8 ( 0.047 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 186- 189 ) 352  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	139069.8	-4469.3	-14684.3	47.8	-29.0	-1232.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	245.4	0.0	18.6	247.5
6-1	si	14	Tz	226.5	-31.9	0.0	233.1
6-1	si	5	Ty	-9.7	0.0	44.1	77.0
6-1	si	16	Si	243.7	30.3	0.0	249.3

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	113134.3	-3910.6	-14684.3	47.8	-29.0	-1461.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	200.3	0.0	18.6	202.9
6-1	si	14	Tz	183.8	-34.2	0.0	193.1
6-1	si	5	Ty	-8.5	0.0	48.8	85.0
6-1	si	16	Si	198.9	32.7	0.0	206.8

----- PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	82785.9	-3352.0	-14684.3	47.8	-29.0	-1691.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	147.9	0.0	18.6	151.3
6-1	si	14	Tz	133.7	-36.5	0.0	147.9
6-1	si	5	Ty	-7.2	0.0	53.6	93.1
6-1	si	16	Si	146.6	35.0	0.0	158.7

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	48024.7	-2793.3	-14684.3	47.8	-29.0	-1920.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	88.0	0.0	18.6	93.7
6-1	si	14	Tz	76.1	-38.8	0.0	101.6
6-1	si	5	Ty	-5.9	0.0	58.3	101.2
6-1	si	16	Si	86.9	37.3	0.0	108.3

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	4005.2	12443.2	-605.9	-13.9	161.6	-488.8
6-1	8850.8	-2234.6	-14684.3	47.8	-29.0	-2149.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx	-35.5	0.0	0.8	35.5
6-1	si	14	Tz	11.1	-41.1	0.0	72.1
6-1	si	5	Ty	-4.6	0.0	63.0	109.3
6-1	si	6	Si	5.7	0.0	63.0	109.3

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-34736.0	-1676.0	-14684.3	47.8	-29.0	-2378.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	63.0	0.0	18.6	70.8
6-1	si	14	Tz	-61.3	-43.5	0.0	97.1
6-1	si	5	Ty	-3.3	0.0	67.8	117.4
6-1	si	6	Si	4.4	0.0	67.8	117.5

----- PROGR. 115.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-82735.6	-1117.3	-14684.3	47.8	-29.0	-2608.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	142.6	0.0	18.6	146.3
6-1	si	14	Tz	-141.2	-45.8	0.0	161.9
6-1	si	5	Ty	-2.0	0.0	72.5	125.6
6-1	si	15	Si	142.2	-45.8	0.0	162.8

----- PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-135148.0	-558.7	-14684.3	47.8	-29.0	-2837.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	229.8	0.0	18.6	232.0
6-1	si	14	Tz	-228.5	-48.1	0.0	243.2
6-1	si	5	Ty	-0.8	0.0	77.2	133.8
6-1	si	15	Si	229.6	-48.1	0.0	244.2

----- PROGR. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-191973.2	0.0	-14684.3	47.8	-29.0	-3066.6

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	324.3	0.0	18.6	325.9
6-1	si	14	Tz	-323.3	-50.4	0.0	334.9
6-1	si	5	Ty	0.5	0.0	82.0	142.0
6-1	si	15	Si	324.3	-50.4	0.0	335.9

-----  
 VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Caso12-11 - Nodo 3 - Asse Y  
 Ned = -13.9 | Mzeq = -30927.9 | Myeq = 18664.9 | Ss = -95.2 ( 0.028 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 187- 188 ) 353  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	99061.0	-5524.9	-37018.0	7.3	-35.9	-1481.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	179.9	0.0	47.0	197.4
6-1	si	14	Tz	156.5	-62.9	0.0	190.7
6-1	si	5	Ty	-12.6	0.0	77.6	135.0
6-1	si	16	Si	177.8	61.0	0.0	206.9

-----  
 SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	68330.4	-4834.3	-37018.0	7.3	-35.9	-1711.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	126.4	0.0	47.0	150.3
6-1	si	14	Tz	106.0	-65.2	0.0	154.9
6-1	si	5	Ty	-11.0	0.0	82.3	143.0
6-1	si	16	Si	124.7	63.3	0.0	166.0

-----  
 SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	16203.9	19367.7	-4731.3	183.2	167.7	-434.2
6-1	33187.0	-4143.6	-37018.0	7.3	-35.9	-1940.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	4	Sx	73.9	0.0	6.0	74.6
6-1	si	14	Tz	48.1	-67.5	0.0	126.5
6-1	si	5	Ty	-9.4	0.0	87.0	151.1
6-1	si	6	Si	9.6	0.0	87.0	151.1

-----  
 SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-6	-14293.4	-17759.8	-13820.2	-179.2	-184.5	-546.1
6-1	-6369.1	-3453.0	-37018.0	7.3	-35.9	-2169.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-6	si	4	Sx	-66.9	0.0	17.5	73.5
6-1	si	14	Tz	-17.3	-69.9	0.0	122.2
6-1	si	5	Ty	-7.9	0.0	91.8	159.2
6-1	si	6	Si	8.0	0.0	91.8	159.2

-----  
 SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-50338.1	-2762.4	-37018.0	7.3	-35.9	-2398.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	91.3	0.0	47.0	122.3
6-1	si	14	Tz	-90.2	-72.2	0.0	154.1
6-1	si	5	Ty	-6.3	0.0	96.5	167.3
6-1	si	6	Si	6.4	0.0	96.5	167.3

-----  
 SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-98719.9	-2071.8	-37018.0	7.3	-35.9	-2628.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	171.4	0.0	47.0	189.7
6-1	si	14	Tz	-170.4	-74.5	0.0	213.8
6-1	si	5	Ty	-4.7	0.0	101.3	175.4
6-1	si	15	Si	170.6	-74.5	0.0	213.9

-----  
 SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-151514.5	-1381.2	-37018.0	7.3	-35.9	-2857.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	258.8	0.0	47.0	271.3
6-1	si	14	Tz	-258.1	-76.8	0.0	290.4
6-1	si	5	Ty	-3.1	0.0	106.0	183.6
6-1	si	15	Si	258.3	-76.8	0.0	290.6

-----  
 SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-208721.8	-690.6	-37018.0	7.3	-35.9	-3086.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	353.7	0.0	47.0	363.0
6-1	si	14	Tz	-353.3	-79.1	0.0	379.0
6-1	si	5	Ty	-1.5	0.0	110.7	191.8
6-1	si	15	Si	353.5	-79.1	0.0	379.1

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 SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	-270342.0	0.0	-37018.0	7.3	-35.9	-3315.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	456.1	0.0	47.0	463.3
6-1	si	14	Tz	-455.9	-81.5	0.0	477.2
6-1	si	5	Ty	0.1	0.0	115.5	200.0
6-1	si	15	Si	456.1	-81.5	0.0	477.4

-----  
 VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951  
 Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
 Caso12- 6 - Nodo 4 - Asse Y  
 Ned = -179.2 | Mzreq = -59070.4 | Myeq = -21311.8 | Ss = -150.7 ( 0.045)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 189- 190) 355  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-199393.5	0.0	-2782.6	46.1	5.5	3092.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	336.8	0.0	3.5	336.9
6-1	si	14	Tz	-335.8	35.0	0.0	341.2
6-1	si	5	Ty	0.5	0.0	-67.4	116.8
6-1	si	15	Si	336.8	35.0	0.0	342.2

-----  
 PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-142078.3	-105.7	-2782.6	46.1	5.5	2862.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	240.4	0.0	3.5	240.5
6-1	si	14	Tz	-239.3	32.6	0.0	245.9
6-1	si	5	Ty	0.3	0.0	-62.7	108.5
6-1	si	15	Si	240.4	32.6	0.0	246.9

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 PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-89175.9	-211.5	-2782.6	46.1	5.5	2633.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	151.4	0.0	3.5	151.5
6-1	si	14	Tz	-150.3	30.3	0.0	159.2
6-1	si	5	Ty	0.0	0.0	-57.9	100.3
6-1	si	15	Si	151.3	30.3	0.0	160.2

-----  
 PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-40686.4	-317.2	-2782.6	46.1	5.5	2404.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	69.9	0.0	3.5	70.1
6-1	si	14	Tz	-68.7	28.0	0.0	84.1
6-1	si	5	Ty	-0.2	0.0	-53.2	92.1
6-1	si	6	Si	1.2	0.0	-53.2	92.2

-----  
 PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-3	-4137.1	-7043.7	2640.4	121.8	91.5	514.4
6-1	3390.4	-422.9	-2782.6	46.1	5.5	2175.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-3	si	2	Sx	24.5	0.0	3.3	25.2
6-1	si	14	Tz	5.4	25.7	0.0	44.8
6-1	si	5	Ty	-0.5	0.0	-48.5	83.9
6-1	si	6	Si	1.5	0.0	-48.5	84.0

-----  
 PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	43054.3	-528.7	-2782.6	46.1	5.5	1945.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	74.3	0.0	3.5	74.6
6-1	si	14	Tz	72.1	23.4	0.0	82.7
6-1	si	5	Ty	-0.7	0.0	-43.7	75.7
6-1	si	16	Si	74.2	-23.1	0.0	84.2

-----  
 PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	78305.5	-634.4	-2782.6	46.1	5.5	1716.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	134.0	0.0	3.5	134.2
6-1	si	14	Tz	131.4	21.0	0.0	136.3
6-1	si	5	Ty	-0.9	0.0	-39.0	67.5
6-1	si	16	Si	133.8	-20.8	0.0	138.6

-----  
 PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	109143.8	-740.1	-2782.6	46.1	5.5	1487.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	186.3	0.0	3.5	186.4
6-1	si	14	Tz	183.2	18.7	0.0	186.0
6-1	si	5	Ty	-1.2	0.0	-34.3	59.3
6-1	si	16	Si	186.0	-18.4	0.0	188.8

----- PROGR. 154.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	135569.3	-845.9	-2782.6	46.1	5.5	1258.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	231.1	0.0	3.5	231.2
6-1	si	14	Tz	227.5	16.4	0.0	229.3
6-1	si	5	Ty	-1.4	0.0	-29.5	51.2
6-1	si	16	Si	230.8	-16.1	0.0	232.5

----- VERIFICA STABILITA' :

L0 = 154.  
 Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.2 | alfa(a) = 0.2100 | ki = 0.9951 |  
 Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
 Caso11- 9 - Nodo 4 - Asse Y  
 Ned = -134.7 | Mzeq = -36179.5 | Myeq = -9621.9 | Ss = -84.7 ( 0.025)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 190- 193) 356  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	135569.3	-845.9	-2782.6	46.1	-33.6	1205.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	231.1	0.0	3.5	231.2
6-1	si	13	Tz	-229.8	-16.6	0.0	231.6
6-1	si	5	Ty	-1.4	0.0	-28.4	49.3
6-1	si	16	Si	230.8	-16.6	0.0	232.6

----- PROGR. 18.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	155235.7	-244.8	-2782.6	46.1	-33.6	992.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	262.9	0.0	3.5	263.0
6-1	si	13	Tz	-261.8	-14.5	0.0	263.0
6-1	si	5	Ty	-0.1	0.0	-24.0	41.6
6-1	si	16	Si	262.8	-14.5	0.0	264.0

----- PROGR. 36.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	171090.1	356.2	-2782.6	46.1	-33.6	779.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	289.9	0.0	3.5	290.0
6-1	si	13	Tz	-287.4	-12.3	0.0	288.2
6-1	si	5	Ty	1.3	0.0	-19.6	34.0
6-1	si	14	Si	289.8	10.5	0.0	290.3

----- PROGR. 54.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	183132.5	957.2	-2782.6	46.1	-33.6	566.5	
11-4	41965.5	16164.9	-2003.5	171.3	275.5	122.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	311.6	0.0	3.5	311.7
11-4	si	7	Tz	-68.9	11.5	0.0	71.7
6-1	si	5	Ty	2.7	0.0	-15.2	26.5

----- PROGR. 72.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	191362.9	1558.3	-2782.6	46.1	-33.6	353.5	
11-4	43740.5	18676.6	-2003.5	171.3	275.5	76.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	326.9	0.0	3.5	326.9
11-4	si	7	Tz	-71.9	11.5	0.0	74.6
6-1	si	5	Ty	4.1	0.0	-10.8	19.2

----- PROGR. 89.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	195781.3	2159.3	-2782.6	46.1	-33.6	140.4	
11-4	44693.3	21287.7	-2003.5	171.3	275.5	30.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	335.7	0.0	3.5	335.8
11-4	si	7	Tz	-73.5	11.5	0.0	76.1
11-4	si	10	Ty	-115.2	0.0	-9.5	116.3

----- PROGR. 107.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	196387.7	2760.3	-2782.6	46.1	-33.6	-72.6	
11-4	44823.9	23992.9	-2003.5	171.3	275.5	-15.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	338.1	0.0	3.5	338.2
11-4	si	7	Tz	-73.7	11.5	0.0	76.3
11-4	si	9	Ty	-11.3	0.0	9.3	19.7

----- PROGR. 125.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	193182.1	3361.3	-2782.6	46.1	-33.6	-285.7	
11-4	44132.3	26614.3	-2003.5	171.3	275.5	-61.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	334.1	0.0	3.5	334.1
11-4	si	7	Tz	-72.5	11.5	0.0	75.2

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

11- 4	si	9	Ty	-4.2	0.0	9.9	17.6	143.
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		186164.5		3962.4	-2782.6	46.1	-33.6	-498.8
11- 4		42618.5		29354.4	-2003.5	171.3	275.5	-107.6
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	323.6	0.0	3.5	323.7
11- 4	si	7	Tz		-70.0	11.5	0.0	72.8
6- 1	si	5	Ty		9.6	0.0	13.8	25.8
-----								
VERIFICA STABILITA` :								
L0	= 143.							
Z	Lc	= 143.	Ro	= 9.06	lm	= 15.8	Ncr	= 7497417.0
							alfa(a)	= 0.2100
							ki	= 0.9985
Y	Lc	= 143.	Ro	= 6.01	lm	= 23.8	Ncr	= 3301971.9
							alfa(a)	= 0.2100
							ki	= 0.9748
Casoll- 9 - Nodo 1 - Asse Y								
Ned	= -141.1							
Mzeq	= 45813.5							
Myeq	= -34708.2							
Ss	= -158.6 ( 0.047)							
CASSONE_S005 ( 5) stato limite ultimo - ASTA ( 193- 90) 359								
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		186164.5		3962.4	-2782.6	46.1	26.6	-549.2
11- 8		41990.9		44641.6	-1767.2	169.5	299.4	-147.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	323.6	0.0	3.5	323.7
11- 8	si	7	Tz		-68.9	12.0	0.0	72.0
6- 1	si	5	Ty		9.6	0.0	14.9	27.5
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		173859.9		3467.1	-2782.6	46.1	26.6	-771.1
11- 8		38955.4		39061.4	-1767.2	169.5	299.4	-195.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	301.7	0.0	3.5	301.8
11- 8	si	13	Tz		11.6	12.1	0.0	24.0
6- 1	si	5	Ty		8.5	0.0	19.5	34.8
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		157418.3		2971.8	-2782.6	46.1	26.6	-993.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	272.9	0.0	3.5	272.9
6- 1	si	13	Tz		-259.3	14.3	0.0	260.4
6- 1	si	5	Ty		7.3	0.0	24.0	42.3
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		136839.7		2476.5	-2782.6	46.1	26.6	-1215.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	237.0	0.0	3.5	237.1
6- 1	si	13	Tz		-225.5	16.5	0.0	227.3
6- 1	si	5	Ty		6.2	0.0	28.6	50.0
6- 1	si	14	Si		236.1	-15.1	0.0	237.5
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		112124.1		1981.2	-2782.6	46.1	26.6	-1437.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	194.2	0.0	3.5	194.3
6- 1	si	13	Tz		-184.8	18.8	0.0	187.6
6- 1	si	5	Ty		5.1	0.0	33.2	57.8
6- 1	si	14	Si		193.5	-17.4	0.0	195.8
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		83271.6		1485.9	-2782.6	46.1	26.6	-1659.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	144.4	0.0	3.5	144.5
6- 1	si	13	Tz		-137.1	21.0	0.0	141.8
6- 1	si	5	Ty		3.9	0.0	37.8	65.6
6- 1	si	14	Si		143.8	-19.6	0.0	147.8
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		50282.0		990.6	-2782.6	46.1	26.6	-1880.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	87.6	0.0	3.5	87.8
6- 1	si	13	Tz		-82.4	23.3	0.0	91.7
6- 1	si	5	Ty		2.8	0.0	42.4	73.5
6- 1	si	14	Si		87.2	-21.9	0.0	95.1
-----								
SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6- 1		13155.4		495.3	-2782.6	46.1	26.6	-2102.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx	Si	23.8	0.0	3.5	24.6
6- 1	si	13	Tz		-20.7	25.5	0.0	48.8
6- 1	si	5	TySi		1.6	0.0	47.0	81.4

----- PROGR. 149.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6- 1	-28108.2	0.0	-2782.6	46.1	26.6	-2324.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	47.9	0.0	3.5	48.3
6- 1	si	13	Tz	47.9	27.8	0.0	67.9
6- 1	si	5	TySi	0.5	0.0	51.6	89.3

----- VERIFICA STABILITA` :

L0 = 149.  
 Z Lc = 149. | Ro = 9.06 | lm = 16.5 | Ncr = 6908419.7 | alfa(a) = 0.2100 | ki = 0.9966 |  
 Y Lc = 149. | Ro = 6.01 | lm = 24.8 | Ncr = 3042568.8 | alfa(a) = 0.2100 | ki = 0.9717 |  
 Caso 11-11 - Nodo 1 - Asse Y  
 Ned = -239.8 | Mzeq = 34111.8 | Myeq = -32900.6 | Ss = -135.9 ( 0.040 )

----- CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 77- 154 ) 369  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 3	9210.6	0.0	-19523.6	-183.6	-4442.4	446.1	
11-15	-4763.7	0.0	-18049.5	338.0	5655.8	688.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 3	si	1	Sx	-17.6	0.0	24.8	46.4
11-15	si	7	Tz	11.8	206.7	0.0	358.3
11-15	si	10	Ty	11.0	0.0	-166.3	288.2

----- PROGR. 2.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	7762.6	12462.7	-16763.3	-213.5	-5568.4	411.5	
11-15	-3243.5	-12658.3	-18049.5	338.0	5655.8	682.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	2	Sx	-44.1	0.0	21.3	57.5
11-15	si	7	Tz	9.2	206.7	0.0	358.2
11-15	si	10	Ty	37.8	0.0	-166.2	290.4

----- PROGR. 4.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 1	8692.1	24925.4	-16763.3	-213.5	-5568.4	405.8	
11-15	-1737.3	-25316.7	-18049.5	338.0	5655.8	676.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 1	si	2	Sx	-74.3	0.0	21.3	82.9
11-15	si	7	Tz	6.7	206.7	0.0	358.2
11-15	si	10	Ty	64.6	0.0	-166.2	294.9

----- PROGR. 7.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	8794.7	38219.0	-16563.7	-209.8	-5692.2	399.3	
11-15	-245.4	-37975.0	-18049.5	338.0	5655.8	671.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-105.0	0.0	21.0	111.1
11-15	si	7	Tz	4.2	206.7	0.0	358.1
11-15	si	10	Ty	91.4	0.0	-166.1	301.8

----- PROGR. 9.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	9699.8	50958.6	-16563.7	-209.8	-5692.2	393.6	
11-15	1232.1	-50633.3	-18049.5	338.0	5655.8	665.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-135.8	0.0	21.0	140.6
11-15	si	7	Tz	1.7	206.7	0.0	358.1
11-15	si	10	Ty	118.2	0.0	-166.0	310.9
11-15	si	8	Si	5.8	206.7	0.0	358.1

----- PROGR. 11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	10593.7	63698.3	-16563.7	-209.8	-5692.2	387.8	
11-15	2695.0	-63291.7	-18049.5	338.0	5655.8	659.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-166.6	0.0	21.0	170.5
11-15	si	7	Tz	-0.8	206.7	0.0	358.1
11-15	si	10	Ty	145.1	0.0	-166.0	322.0
11-15	si	8	Si	8.3	206.7	0.0	358.2

----- PROGR. 13.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	11476.9	76437.9	-16563.7	-209.8	-5692.2	382.1	
11-15	4143.0	-75950.0	-18049.5	338.0	5655.8	653.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-197.3	0.0	21.0	200.7
11-15	si	7	Tz	-3.2	206.7	0.0	358.1
11-15	si	10	Ty	172.0	0.0	-165.9	334.8
11-15	si	8	Si	10.7	206.7	0.0	358.3

----- PROGR. 16.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11- 2	12349.5	89177.6	-16563.7	-209.8	-5692.2	376.3	
11-15	5575.7	-88608.4	-18049.5	338.0	5655.8	648.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si

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11- 2	si	2	Sx	-228.1	0.0	21.0	231.0
11-15	si	7	Tz	-5.7	206.7	0.0	358.1
11-15	si	10	Ty	198.9	0.0	-165.8	349.3
11-15	si	8	Si	13.2	206.7	0.0	358.3

PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	13212.2	101917.2	-16563.7	-209.8	-5692.2	370.6
11-15	6992.7	-101266.7	-18049.5	338.0	5655.8	642.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-258.8	0.0	21.0	261.3
11-15	si	7	Tz	-8.0	206.7	0.0	358.2
11-15	si	10	Ty	225.8	0.0	-165.7	365.2
11- 2	si	10	Si	-256.7	0.0	152.5	368.3

## VERIFICA STABILITA` :

L0 = 18.  
 Z | Lc = 18. | Ro = 9.06 | lm = 2.0 | Ncr=479126629.6 | alfa(a) = 0.2100 | ki=1.0000 |  
 Y | Lc = 18. | Ro = 6.01 | lm = 3.0 | Ncr=211014359.5 | alfa(a) = 0.2100 | ki=1.0000 |  
 Caso11- 2 - Nodo 2 - Asse Y  
 Ned = -209.8 | Mzeq = 12571.4 | Myeq = 76437.9 | Ss = -199.2 ( 0.059 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 154- 155 ) 370  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	13212.1	101917.2	-16563.7	-230.2	898.5	476.9
6- 1	41105.6	862.9	-69690.5	279.0	71.7	2160.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-259.0	0.0	21.0	261.6
6- 1	si	14	Tz	74.1	112.2	0.0	207.9
6- 1	si	5	Ty	5.1	0.0	-133.0	230.5
11- 2	si	10	Si	-256.9	0.0	-48.2	270.1

PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	21326.2	86006.0	-16563.7	-230.2	898.5	431.3
6- 1	77633.7	-412.5	-69690.5	279.0	71.7	1948.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-236.2	0.0	21.0	238.9
6- 1	si	14	Tz	133.2	110.0	0.0	232.5
6- 1	si	5	Ty	2.1	0.0	-128.7	222.9
11- 2	si	10	Si	-232.7	0.0	-47.7	246.9

PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	28630.5	70119.0	-16563.7	-230.2	898.5	385.6
6- 1	110397.9	-1688.0	-69690.5	279.0	71.7	1737.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	2	Sx	-212.0	0.0	21.0	215.1
6- 1	si	14	Tz	186.0	107.9	0.0	263.7
6- 1	si	5	Ty	-0.8	0.0	-124.3	215.3
6- 1	si	16	Si	192.6	-104.1	0.0	263.8

PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	139398.2	-2963.4	-69690.5	279.0	71.7	1525.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	245.0	0.0	88.4	288.9
6- 1	si	14	Tz	232.5	105.7	0.0	296.0
6- 1	si	5	Ty	-3.7	0.0	-119.9	207.7
6- 1	si	16	Si	243.9	-101.9	0.0	301.1

PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	164634.6	-4238.9	-69690.5	279.0	71.7	1313.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	290.5	0.0	88.4	328.4
6- 1	si	14	Tz	272.6	103.6	0.0	326.4
6- 1	si	5	Ty	-6.6	0.0	-115.5	200.2
6- 1	si	16	Si	289.0	-99.8	0.0	336.7

PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	186107.0	-5514.3	-69690.5	279.0	71.7	1101.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	329.7	0.0	88.4	363.5
6- 1	si	14	Tz	306.4	101.5	0.0	353.2
6- 1	si	5	Ty	-9.6	0.0	-111.2	192.8
6- 1	si	16	Si	327.6	-97.7	0.0	368.7

PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	203815.6	-6789.7	-69690.5	279.0	71.7	890.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	362.5	0.0	88.4	393.5
6- 1	si	14	Tz	333.8	99.3	0.0	375.5
6- 1	si	5	Ty	-12.5	0.0	-106.8	185.4
6- 1	si	16	Si	360.0	-95.5	0.0	396.2

PROGR. 124.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 217760.3 -8065.2 -69690.5 279.0 71.7 678.5

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 388.9 0.0 88.4 418.0  
 6-1 si 14 Tz 354.8 97.2 0.0 392.7  
 6-1 si 5 Ty -15.4 0.0 -102.4 178.1  
 6-1 si 16 Si 386.0 -93.4 0.0 418.5

PROGR. 142.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 227941.1 -9340.6 -69690.5 279.0 71.7 466.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 409.0 0.0 88.4 436.7  
 6-1 si 14 Tz 369.5 95.0 0.0 404.5  
 6-1 si 5 Ty -18.4 0.0 -98.1 170.8

VERIFICA STABILITA` :

L0 = 142.  
 Z Lc = 142. Ro = 9.06 lm = 15.7 Ncr = 7593228.1 alfa(a) = 0.2100 ki = 0.9988  
 Y Lc = 142. Ro = 6.01 lm = 23.6 Ncr = 3344168.5 alfa(a) = 0.2100 ki = 0.9753  
 Casoll- 2 - Nodo 2 - Asse Y  
 Ned = -230.2 Mzeq = 50250.8 Myeq = 76437.9 Ss = -263.0 ( 0.078)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 155- 156 ) 371  
 PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 227941.1 -9340.6 -69690.6 279.0 -60.7 413.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 409.0 0.0 88.4 436.7  
 6-1 si 13 Tz -399.4 -94.2 0.0 431.4  
 6-1 si 5 Ty -18.4 0.0 -97.0 168.9  
 6-1 si 16 Si 405.6 -94.2 0.0 437.2

PROGR. 19.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 233700.7 -8173.0 -69690.6 279.0 -60.7 184.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 416.1 0.0 88.4 443.3  
 6-1 si 13 Tz -406.9 -91.9 0.0 436.9  
 6-1 si 5 Ty -15.7 0.0 -92.2 160.5

PROGR. 38.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 235047.6 -7005.5 -69690.6 279.0 -60.7 -44.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 415.6 0.0 88.4 443.0  
 6-1 si 14 Tz 386.0 -90.5 0.0 416.6  
 6-1 si 10 Ty -339.2 0.0 90.4 373.6

PROGR. 58.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 231981.6 -5837.9 -69690.6 279.0 -60.7 -273.9

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx Si 407.8 0.0 88.4 435.6  
 6-1 si 14 Tz 383.1 -92.8 0.0 415.4  
 6-1 si 5 Ty -10.3 0.0 94.1 163.3

PROGR. 77.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 224502.8 -4670.3 -69690.6 279.0 -60.7 -503.1

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 392.5 0.0 88.4 421.3  
 6-1 si 14 Tz 372.7 -95.1 0.0 407.5  
 6-1 si 5 Ty -7.6 0.0 98.8 171.3  
 6-1 si 16 Si 390.8 91.9 0.0 421.9

PROGR. 96.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 212611.3 -3502.7 -69690.6 279.0 -60.7 -732.4

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 369.8 0.0 88.4 400.2  
 6-1 si 14 Tz 354.9 -97.4 0.0 393.0  
 6-1 si 5 Ty -5.0 0.0 103.5 179.4  
 6-1 si 16 Si 368.5 94.2 0.0 403.0

PROGR. 115.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 196306.9 -2335.2 -69690.6 279.0 -60.7 -961.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 339.6 0.0 88.4 372.5  
 6-1 si 14 Tz 329.7 -99.7 0.0 372.2  
 6-1 si 5 Ty -2.3 0.0 108.3 187.6  
 6-1 si 16 Si 338.7 96.5 0.0 377.7

PROGR. 135.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 175589.7 -1167.6 -69690.6 279.0 -60.7 -1190.8



TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	301.9	0.0	88.4	338.6
6-1	si	14	Tz	297.0	-102.1	0.0	345.6
6-1	si	5	Ty	0.4	0.0	113.0	195.7
6-1	si	16	Si	301.5	98.9	0.0	346.7
-----							
PROGR. 154.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	150459.7	0.0	-69690.6	279.0	-60.7	-1420.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	256.9	0.0	88.4	299.1
6-1	si	14	Tz	256.9	-104.4	0.0	314.1
6-1	si	5	Ty	3.1	0.0	117.7	204.0
-----							
VERIFICA STABILITA` :							
L0 = 154.							
Z	Lc = 154.	Ro = 9.06	lm = 17.0	Ncr= 6476635.3	alfa(a)=0.2100	ki=0.9951	
Y	Lc = 154.	Ro = 6.01	lm = 25.6	Ncr= 2852404.7	alfa(a)=0.2100	ki=0.9691	
Casol2- 5 - Nodo 1 - Asse Y							
Ned = -95.4   Mzeq = 49533.7   Myeq = -29209.0   Ss = -151.8 ( 0.045)							
CASSONE_S005 ( 5) stato limite ultimo - ASTA ( 156- 157) 372							
-----							
PROGR. 0.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	142371.1	0.0	17901.6	312.0	44.8	1454.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	243.6	0.0	22.7	246.8
6-1	si	14	Tz	243.6	38.6	0.0	252.6
6-1	si	5	Ty	3.5	0.0	-52.8	91.4
-----							
PROGR. 19.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	168165.8	-861.9	17901.6	312.0	44.8	1225.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	289.1	0.0	22.7	291.7
6-1	si	14	Tz	285.4	36.3	0.0	292.3
6-1	si	5	Ty	1.5	0.0	-48.0	83.2
6-1	si	16	Si	288.8	-33.9	0.0	294.7
-----							
PROGR. 39.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	189547.7	-1723.7	17901.6	312.0	44.8	996.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	327.1	0.0	22.7	329.5
6-1	si	14	Tz	319.8	34.0	0.0	325.2
6-1	si	5	Ty	-0.5	0.0	-43.3	75.0
6-1	si	16	Si	326.5	-31.6	0.0	331.1
-----							
PROGR. 58.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	206516.8	-2585.6	17901.6	312.0	44.8	766.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	357.7	0.0	22.7	359.9
6-1	si	14	Tz	346.8	31.7	0.0	351.1
6-1	si	5	Ty	-2.5	0.0	-38.6	66.8
6-1	si	16	Si	356.8	-29.3	0.0	360.4
-----							
PROGR. 77.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	219073.1	-3447.4	17901.6	312.0	44.8	537.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	380.9	0.0	22.7	382.9
6-1	si	14	Tz	366.3	29.3	0.0	369.8
6-1	si	5	Ty	-4.5	0.0	-33.8	58.7
-----							
PROGR. 96.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	227216.6	-4309.3	17901.6	312.0	44.8	308.4	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	396.6	0.0	22.7	398.6
6-1	si	14	Tz	378.4	27.0	0.0	381.3
6-1	si	5	Ty	-6.4	0.0	-29.1	50.8
-----							
PROGR. 116.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	230947.3	-5171.1	17901.6	312.0	44.8	79.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	404.9	0.0	22.7	406.8
6-1	si	14	Tz	383.0	24.7	0.0	385.4
6-1	si	10	Ty	-336.8	0.0	-24.7	339.5
-----							
PROGR. 135.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	230265.2	-6033.0	17901.6	312.0	44.8	-150.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	405.7	0.0	22.7	407.6
6-1	si	13	Tz	-396.6	25.4	0.0	399.0

| 6- 1|si| 5| Ty | -10.4| 0.0| 25.8| 45.9|  
----- PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	225170.2	-6894.8	17901.6	312.0	44.8	-379.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	399.1	0.0	22.7	401.0
6- 1	si	13	Tz		-389.6	27.7	0.0	392.6
6- 1	si	5	Ty		-12.4	0.0	30.5	54.3

## VERIFICA STABILITA` :

L0 = 154.  
Z | Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.3 | alfa(a) = 0.2100 | ki = 0.9951 |  
Y | Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691 |  
Casoll-15 - Nodo 1 - Asse Y  
Ned = -322.4 | Mzeq = 56687.9 | Myeq = -17233.4 | Ss = -138.9 ( 0.041)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 157- 158) 373  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	225170.2	-6894.8	17901.6	312.0	70.3	-429.1
11- 2	49200.9	19822.5	3796.0	339.9	878.1	-123.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	399.1	0.0	22.7	401.0
11- 2	si	7	Tz		-79.2	33.4	0.0	98.1
6- 1	si	5	Ty		-12.4	0.0	31.6	56.1

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	215586.9	-8153.2	17901.6	312.0	70.3	-642.2
11- 2	46600.7	7641.9	3796.0	339.9	878.1	-169.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	385.8	0.0	22.7	387.8
11- 2	si	7	Tz		-74.8	33.4	0.0	94.5
6- 1	si	5	Ty		-15.3	0.0	36.0	64.2

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	202191.5	-9411.6	17901.6	312.0	70.3	-855.2
11- 2	43172.8	-17412.2	3796.0	339.9	878.1	-215.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	366.1	0.0	22.7	368.2
11- 2	si	7	Tz		-69.1	33.4	0.0	90.0
6- 1	si	5	Ty		-18.2	0.0	40.4	72.3

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	184984.2	-10669.9	17901.6	312.0	70.3	-1068.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	340.0	0.0	22.7	342.3
6- 1	si	13	Tz		-329.2	35.4	0.0	334.8
6- 1	si	5	Ty		-21.1	0.0	44.8	80.4

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	163964.9	-11928.3	17901.6	312.0	70.3	-1281.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	307.4	0.0	22.7	309.9
6- 1	si	13	Tz		-296.1	37.5	0.0	303.2
6- 1	si	5	Ty		-24.0	0.0	49.2	88.5
6- 1	si	16	Si		303.0	37.5	0.0	309.9

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	139133.5	-13186.7	17901.6	312.0	70.3	-1494.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx	Si	268.4	0.0	22.7	271.3
6- 1	si	13	Tz		-256.7	39.7	0.0	265.7
6- 1	si	5	Ty		-26.8	0.0	53.6	96.6
6- 1	si	16	Si		263.6	39.7	0.0	272.4

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	32111.2	73561.6	2563.5	-279.0	-744.4	-402.2
6- 1	110490.2	-14445.1	17901.6	312.0	70.3	-1707.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx		-226.3	0.0	3.3	226.4
6- 1	si	13	Tz		-210.8	41.8	0.0	222.9
6- 1	si	5	Ty		-29.7	0.0	58.0	104.7
6- 1	si	16	Si		217.7	41.8	0.0	229.4

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	24505.4	86845.9	2563.5	-279.0	-744.4	-448.2
6- 1	78034.8	-15703.4	17901.6	312.0	70.3	-1920.5
12- 5	12416.1	-94702.4	5134.5	424.3	782.0	-420.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx		-244.0	0.0	3.3	244.1

6- 1	si 13	Tz	-158.5	44.0	0.0	175.8
6- 1	si 5	Ty	-32.6	0.0	62.4	112.9
12- 5	si 12	Si	241.2	0.0	30.3	246.9

PROGR. 143.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	5296.4	-108565.3	3796.0	339.9	878.1	-491.0
6- 1	41767.5	-16961.8	17901.6	312.0	70.3	-2133.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si 3	Sx		262.2	0.0	4.8	262.3
6- 1	si 13	Tz		-99.7	46.2	0.0	127.8
6- 1	si 5	Ty		-35.5	0.0	66.8	121.0
11- 2	si 12	Si		261.3	0.0	31.7	267.0

## VERIFICA STABILITA` :

L0 = 143.  
 Z |Lc = 143. |Ro = 9.06|lm = 15.8|Ncr= 7497417.1|alfa(a)=0.2100|ki=0.9985|  
 Y |Lc = 143. |Ro = 6.01|lm = 23.8|Ncr= 3301971.9|alfa(a)=0.2100|ki=0.9748|  
 Caso12-12 - Nodo 2 - Asse Y  
 Ned = -279.0|Mzeq = 55466.7|Myeq = 75105.3|Ss = -269.3 ( 0.080)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 160- 159) 376  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	332531.5	-6602.6	34042.7	-29.8	-35.9	-686.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx	Si	-576.4	0.0	43.2	581.2
6- 1	si 14	Tz		547.8	-51.1	0.0	554.9
6- 1	si 5	Ty		-15.5	0.0	57.4	100.6

PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	318342.0	-5960.5	34042.7	-29.8	-35.9	-899.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx	Si	-551.0	0.0	43.2	556.0
6- 1	si 14	Tz		525.1	-53.2	0.0	533.1
6- 1	si 5	Ty		-14.0	0.0	61.8	107.9

PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	300340.5	-5318.5	34042.7	-29.8	-35.9	-1112.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx		-519.1	0.0	43.2	524.5
6- 1	si 14	Tz		496.0	-55.4	0.0	505.2
6- 1	si 5	Ty		-12.6	0.0	66.2	115.3
6- 1	si 13	Si		-517.2	53.5	0.0	525.4

PROGR. 54.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	278527.0	-4676.4	34042.7	-29.8	-35.9	-1325.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx		-480.9	0.0	43.2	486.7
6- 1	si 14	Tz		460.4	-57.5	0.0	471.1
6- 1	si 5	Ty		-11.1	0.0	70.6	122.7
6- 1	si 13	Si		-479.1	55.7	0.0	488.7

PROGR. 72.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	252901.5	-4034.4	34042.7	-29.8	-35.9	-1538.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx		-436.2	0.0	43.2	442.5
6- 1	si 14	Tz		418.5	-59.7	0.0	431.0
6- 1	si 5	Ty		-9.6	0.0	75.0	130.2
6- 1	si 13	Si		-434.7	57.8	0.0	446.1

PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	223464.0	-3392.3	34042.7	-29.8	-35.9	-1751.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx		-385.0	0.0	43.2	392.2
6- 1	si 14	Tz		370.0	-61.9	0.0	385.2
6- 1	si 5	Ty		-8.1	0.0	79.4	137.7
6- 1	si 13	Si		-383.8	60.0	0.0	397.6

PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	190214.6	-2750.3	34042.7	-29.8	-35.9	-1964.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx		-327.5	0.0	43.2	335.9
6- 1	si 14	Tz		315.2	-64.0	0.0	334.1
6- 1	si 5	Ty		-6.7	0.0	83.8	145.3
6- 1	si 13	Si		-326.5	62.1	0.0	343.7

PROGR. 125.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	153153.1	-2108.2	34042.7	-29.8	-35.9	-2178.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si 1	Sx		-263.5	0.0	43.2	273.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	14	Tz	253.9	-66.2	0.0	278.6
6-1	si	5	Ty	-5.2		88.2	152.8
6-1	si	13	Si	-262.7	64.3	0.0	285.3

PROGR. 143.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	29050.2	-72697.9	6435.8	191.2	537.5	-543.4
6-1	112279.6	-1466.2	34042.7	-29.8	-35.9	-2391.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	218.2	0.0	8.2	218.6
6-1	si	14	Tz	186.2	-68.3	0.0	220.6
6-1	si	5	Ty	-3.7	0.0	92.6	160.4
6-1	si	13	Si	-192.5	66.4	0.0	224.3

## VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.0 | alfa(a) = 0.2100 | ki = 0.9985 |  
 Y | Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -29.8 | Mzeq = 31557.1 | Myeq = -5244.7 | Ss = -544.6 ( 0.161 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 159- 78 ) 377  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	29050.2	-72697.9	6435.8	213.6	-1988.1	-635.4
11-2	26459.0	72111.2	10719.0	-226.9	1972.1	-532.0
6-1	112279.7	-1466.2	34042.5	-29.8	-40.1	-2442.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	218.4	0.0	8.2	218.9
11-2	si	7	Tz	-47.1	77.7	0.0	142.6
6-1	si	5	Ty	-3.7	0.0	93.6	162.2
11-15	si	12	Si	213.7	0.0	-48.0	229.3

PROGR. 5.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	26224.3	-63610.7	6435.8	213.6	-1988.1	-647.1
11-2	23895.5	63097.3	10719.0	-226.9	1972.1	-543.7
6-1	100990.1	-1282.9	34042.5	-29.8	-40.1	-2497.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	192.8	0.0	8.2	193.3
11-2	si	7	Tz	-42.8	77.7	0.0	141.2
6-1	si	5	Ty	-3.3	0.0	94.8	164.2
6-1	si	13	Si	-173.1	67.4	0.0	208.8

PROGR. 9.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	23322.8	-54523.4	6435.8	213.6	-1988.1	-658.8
11-2	21300.5	54083.4	10719.0	-226.9	1972.1	-555.5
6-1	89451.7	-1099.6	34042.5	-29.8	-40.1	-2551.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	167.0	0.0	8.2	167.6
11-2	si	7	Tz	-38.4	77.7	0.0	140.0
6-1	si	5	Ty	-2.9	0.0	95.9	166.1
6-1	si	13	Si	-153.3	67.9	0.0	193.3

PROGR. 14.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	20348.8	-45436.2	6435.8	213.6	-1988.1	-670.6
11-2	18670.5	45069.5	10719.0	-226.9	1972.1	-567.2
6-1	77664.6	-916.4	34042.5	-29.8	-40.1	-2606.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	141.1	0.0	8.2	141.8
11-2	si	7	Tz	-34.0	77.7	0.0	138.8
6-1	si	5	Ty	-2.4	0.0	97.0	168.1
6-1	si	13	Si	-133.1	68.5	0.0	178.3

PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	17306.4	-36349.0	6435.8	213.6	-1988.1	-682.3
11-2	16001.7	36055.6	10719.0	-226.9	1972.1	-578.9
6-1	65628.6	-733.1	34042.5	-29.8	-40.1	-2660.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	3	Sx	115.1	0.0	8.2	115.9
11-2	si	7	Tz	-29.5	77.7	0.0	137.8
6-1	si	5	TySi	-2.0	0.0	98.1	170.0

PROGR. 23.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	53343.9	-549.8	34042.5	-29.8	-40.1	-2714.9
11-2	13290.3	27041.7	10719.0	-226.9	1972.1	-590.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-91.6	0.0	43.2	118.2
11-2	si	7	Tz	-24.9	77.7	0.0	136.9
6-1	si	5	TySi	-1.6	0.0	99.3	172.0

PROGR. 27.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	40810.4	-366.5	34042.5	-29.8	-40.1	-2769.3
11-2	10533.5	18027.8	10719.0	-226.9	1972.1	-602.4

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-70.0	0.0	43.2	102.5
11- 2	si	7	Tz	-20.3	77.7	0.0	136.1
6- 1	si	5	TySi	-1.2	0.0	100.4	173.9

----- PROGR. 32.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	28028.1	-183.3	34042.5	-29.8	-40.1	-2823.8
11- 2	7729.2	9013.9	10719.0	-226.9	1972.1	-614.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-48.0	0.0	43.2	88.9
11- 2	si	7	Tz	-15.6	77.7	0.0	135.5
6- 1	si	5	TySi	-0.8	0.0	101.5	175.8

----- PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	14997.0	0.0	34042.5	-29.8	-40.1	-2878.2
11- 2	4875.7	0.0	10719.0	-226.9	1972.1	-625.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-25.6	0.0	43.2	79.1
11- 2	si	7	Tz	-10.7	77.7	0.0	135.0
6- 1	si	5	TySi	-0.3	0.0	102.6	177.8

## VERIFICA STABILITA` :

L0 = 37. |  
 Z | Lc = 37. | Ro = 9.06 | lm = 4.0 | Ncr=114877635.5 | alfa(a)=0.2100 | ki=1.0000 |  
 Y | Lc = 37. | Ro = 6.01 | lm = 6.1 | Ncr= 50593787.1 | alfa(a)=0.2100 | ki=1.0000 |  
 Caso11- 2 - Nodo 2 - Asse Y  
 Ned = -226.9 | Mzeq = 20656.4 | Myeq = 54083.4 | Ss = -161.6 ( 0.048)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 79- 163) 378  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-15059.1	0.0	-59399.4	-31.5	83.3	3041.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-25.7	0.0	75.4	133.0
6- 1	si	14	Tz	-25.7	108.3	0.0	189.4
6- 1	si	5	TySi	-0.3	0.0	-138.2	239.4

----- PROGR. 5.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 5	-5543.0	-7897.1	-6609.0	-14.3	1718.5	710.9
6- 1	-1206.2	-382.9	-59399.4	-31.5	83.3	2987.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 5	si	4	Sx	-27.7	0.0	8.4	31.2
6- 1	si	14	Tz	-3.1	107.8	0.0	186.7
6- 1	si	5	TySi	-1.2	0.0	-137.1	237.4

----- PROGR. 9.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	4356.3	18947.9	-18943.8	55.4	-2061.6	656.9
6- 1	12395.3	-765.8	-59399.4	-31.5	83.3	2932.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	4	Sx	51.5	0.0	24.0	66.2
6- 1	si	14	Tz	19.1	107.2	0.0	186.7
6- 1	si	5	TySi	-2.1	0.0	-135.9	235.5

----- PROGR. 14.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	7394.9	28421.8	-18943.8	55.4	-2061.6	645.1
6- 1	25745.3	-1148.7	-59399.4	-31.5	83.3	2877.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	4	Sx	78.4	0.0	24.0	88.8
6- 1	si	14	Tz	40.9	106.7	0.0	189.2
6- 1	si	5	TySi	-3.0	0.0	-134.8	233.5

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	10368.2	37895.8	-18943.8	55.4	-2061.6	633.3
6- 1	38843.8	-1531.6	-59399.4	-31.5	83.3	2823.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	4	Sx	105.2	0.0	24.0	113.1
6- 1	si	14	Tz	62.2	106.1	0.0	194.0
6- 1	si	5	TySi	-3.9	0.0	-133.7	231.6

----- PROGR. 23.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	12186.9	-48238.1	-11360.8	-69.5	2099.4	701.2
6- 1	51690.8	-1914.4	-59399.4	-31.5	83.3	2768.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-132.2	0.0	14.4	134.5
6- 1	si	14	Tz	83.1	105.6	0.0	200.9
6- 1	si	5	TySi	-4.7	0.0	-132.5	229.6

----- PROGR. 28.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	15360.4	-57885.8	-11360.8	-69.5	2099.4	689.4
6- 1	64286.4	-2297.3	-59399.4	-31.5	83.3	2713.5

## TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-159.7	0.0	14.4	161.6
6- 1	si	14	Tz	103.6	105.0	0.0	209.3
6- 1	si	5	TySi	-5.6	0.0	-131.4	227.7

----- PROGR. 32.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	18483.8	-67533.4	-11360.8	-69.5	2099.4	677.6
6- 1	76630.4	-2680.2	-59399.4	-31.5	83.3	2658.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-187.1	0.0	14.4	188.8
6- 1	si	14	Tz	123.7	104.5	0.0	219.2
6- 1	si	5	TySi	-6.5	0.0	-130.3	225.7

----- PROGR. 37.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	21556.3	-77181.0	-11360.8	-69.5	2099.4	665.8
6- 1	88723.0	-3063.1	-59399.4	-31.5	83.3	2604.1
11-15	21657.5	75791.5	-18943.8	55.4	-2061.6	586.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-214.5	0.0	14.4	215.9
6- 1	si	14	Tz	143.4	103.9	0.0	230.1
6- 1	si	5	Ty	-7.4	0.0	-129.2	223.8
11-15	si	11	Si	207.8	0.0	66.2	237.4

## ----- VERIFICA STABILITA` :

L0 = 37.  
 Z | Lc = 37. | Ro = 9.06 | lm = 4.1 | Ncr=113647733.3 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 37. | Ro = 6.01 | lm = 6.1 | Ncr= 50052120.2 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso11- 2 - Nodo 1 - Asse Y  
 Ned = -69.5 | Mzeq = 16167.2 | Myeq = -57885.8 | Ss = -161.1 ( 0.048)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 163- 162) 379  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11- 2	21556.3	-77181.0	-11360.8	-90.8	-529.0	577.6
6- 1	88723.0	-3063.1	-59399.5	-31.5	22.2	2551.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 2	si	1	Sx	-214.7	0.0	14.4	216.2
6- 1	si	14	Tz	143.4	101.8	0.0	227.2
6- 1	si	5	Ty	-7.4	0.0	-128.1	221.9
6- 1	si	13	Si	-155.9	-100.6	0.0	233.8

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	132197.9	-3457.9	-59399.5	-31.5	22.2	2339.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-231.3	0.0	75.4	265.6
6- 1	si	14	Tz	216.0	99.6	0.0	276.4
6- 1	si	5	Ty	-8.3	0.0	-123.7	214.4
6- 1	si	13	Si	-230.0	-98.4	0.0	286.3

----- PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	171908.9	-3852.7	-59399.5	-31.5	22.2	2127.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-299.2	0.0	75.4	326.4
6- 1	si	14	Tz	282.2	97.5	0.0	328.8
6- 1	si	5	Ty	-9.2	0.0	-119.3	206.9
6- 1	si	13	Si	-297.7	-96.3	0.0	341.3

----- PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	207856.0	-4247.5	-59399.5	-31.5	22.2	1916.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-360.7	0.0	75.4	383.6
6- 1	si	14	Tz	342.0	95.3	0.0	379.8
6- 1	si	5	Ty	-10.1	0.0	-114.9	199.3
6- 1	si	13	Si	-359.1	-94.2	0.0	394.4

----- PROGR. 71.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	240039.2	-4642.3	-59399.5	-31.5	22.2	1704.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-415.9	0.0	75.4	435.9
6- 1	si	14	Tz	395.6	93.2	0.0	427.2
6- 1	si	5	Ty	-11.0	0.0	-110.6	191.8
6- 1	si	13	Si	-414.2	-92.0	0.0	443.8

----- PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	268458.5	-5037.1	-59399.5	-31.5	22.2	1492.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-464.7	0.0	75.4	482.7
6- 1	si	14	Tz	442.7	91.0	0.0	470.0
6- 1	si	5	Ty	-11.9	0.0	-106.2	184.3
6- 1	si	13	Si	-462.9	-89.9	0.0	488.4

----- PROGR. 107.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	293113.9	-5431.9	-59399.5	-31.5	22.2	1281.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-507.2	0.0	75.4	523.8
6-1	si	14	Tz	483.6	88.9	0.0	507.5
6-1	si	5	Ty	-12.8	0.0	-101.8	176.8
6-1	si	13	Si	-505.2	-87.7	0.0	527.6

-----  
 SOLLECITAZIONI : 124.

Caso	MZ	MY	MT	N	TZ	TY
6-1	314005.4	-5826.7	-59399.5	-31.5	22.2	1069.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-543.4	0.0	75.4	558.8
6-1	si	14	Tz	518.0	86.8	0.0	539.4
6-1	si	5	Ty	-13.7	0.0	-97.4	169.3
6-1	si	13	Si	-541.2	-85.6	0.0	561.2

-----  
 SOLLECITAZIONI : 142.

Caso	MZ	MY	MT	N	TZ	TY
6-1	331133.0	-6221.5	-59399.5	-31.5	22.2	857.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-573.2	0.0	75.4	587.8
6-1	si	14	Tz	546.2	84.6	0.0	565.5
6-1	si	5	Ty	-14.6	0.0	-93.1	161.9
6-1	si	13	Si	-570.9	-83.4	0.0	588.9

-----  
 VERIFICA STABILITA` :

L0 = 142.  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr= 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr= 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -31.5 | Mzeq = 299002.8 | Myeq = -6035.0 | Ss = -518.6 ( 0.153 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 164- 166 ) 383  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-2	28680.5	-72313.5	-1138.6	524.4	-481.4	681.5
6-1	119820.6	-3473.2	-17843.8	26.1	4.6	2968.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-2	si	3	Sx	220.4	0.0	1.4	220.4
6-1	si	14	Tz	195.7	52.8	0.0	216.0
6-1	si	5	Ty	-7.7	0.0	-84.0	145.6
6-1	si	16	Si	209.1	-52.5	0.0	228.0

-----  
 SOLLECITAZIONI : 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	170710.9	-3555.1	-17843.8	26.1	4.6	2756.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	296.4	0.0	22.6	299.0
6-1	si	14	Tz	281.4	50.6	0.0	294.7
6-1	si	5	Ty	-7.9	0.0	-79.6	138.1
6-1	si	16	Si	295.1	-50.4	0.0	307.7

-----  
 SOLLECITAZIONI : 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	217837.4	-3637.1	-17843.8	26.1	4.6	2544.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	376.1	0.0	22.6	378.1
6-1	si	14	Tz	360.7	48.5	0.0	370.3
6-1	si	5	Ty	-8.1	0.0	-75.2	130.5
6-1	si	16	Si	374.7	-48.3	0.0	383.9

-----  
 SOLLECITAZIONI : 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	261199.9	-3719.0	-17843.8	26.1	4.6	2333.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	449.4	0.0	22.6	451.1
6-1	si	14	Tz	433.7	46.4	0.0	441.0
6-1	si	5	Ty	-8.3	0.0	-70.8	123.0
6-1	si	16	Si	448.0	-46.1	0.0	455.1

-----  
 SOLLECITAZIONI : 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	300798.5	-3801.0	-17843.8	26.1	4.6	2121.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	516.4	0.0	22.6	517.9
6-1	si	14	Tz	500.3	44.2	0.0	506.1
6-1	si	5	Ty	-8.4	0.0	-66.5	115.4
6-1	si	16	Si	515.0	-44.0	0.0	520.6

-----  
 SOLLECITAZIONI : 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	336633.2	-3882.9	-17843.8	26.1	4.6	1909.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	577.0	0.0	22.6	578.3
6-1	si	14	Tz	560.6	42.1	0.0	565.3
6-1	si	5	Ty	-8.6	0.0	-62.1	107.9
6-1	si	16	Si	575.6	-41.8	0.0	580.1

----- SOLLECITAZIONI : 107.

Caso	MZ	MY	MT	N	TZ	TY
6-1	368704.0	-3964.9	-17843.8	26.1	4.6	1698.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	631.3	0.0	22.6	632.5
6-1	si	14	Tz	614.5	39.9	0.0	618.4
6-1	si	5	Ty	-8.8	0.0	-57.7	100.4
6-1	si	16	Si	629.8	-39.7	0.0	633.6

----- SOLLECITAZIONI : 124.

Caso	MZ	MY	MT	N	TZ	TY
6-1	397010.9	-4046.8	-17843.8	26.1	4.6	1486.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	679.2	0.0	22.6	680.4
6-1	si	14	Tz	662.1	37.8	0.0	665.3
6-1	si	5	Ty	-9.0	0.0	-53.3	92.8
6-1	si	16	Si	677.7	-37.6	0.0	680.9

----- SOLLECITAZIONI : 142.

Caso	MZ	MY	MT	N	TZ	TY
6-1	421553.9	-4128.8	-17843.8	26.1	4.6	1274.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	720.8	0.0	22.6	721.9
6-1	si	14	Tz	703.4	35.7	0.0	706.1
6-1	si	5	Ty	-9.2	0.0	-49.0	85.3
6-1	si	16	Si	719.3	-35.4	0.0	721.9

----- VERIFICA STABILITA` :

L0 = 142. |  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso12-12 - Nodo 2 - Asse Y  
 Ned = -384.2 | Mzeq = 104785.5 | Myeq = 50301.2 | Ss = -296.7 ( 0.088 )

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----- SOLLECITAZIONI : 0.

Caso	MZ	MY	MT	N	TZ	TY
6-1	421553.9	-4128.8	-17843.9	26.1	-26.8	1222.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	720.8	0.0	22.6	721.9
6-1	si	13	Tz	-718.7	-35.7	0.0	721.4
6-1	si	5	Ty	-9.2	0.0	-47.9	83.5
6-1	si	16	Si	719.3	-35.7	0.0	721.9

----- SOLLECITAZIONI : 19.

Caso	MZ	MY	MT	N	TZ	TY
6-1	442878.3	-3612.7	-17843.9	26.1	-26.8	993.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	755.6	0.0	22.6	756.6
6-1	si	13	Tz	-753.7	-33.4	0.0	755.9
6-1	si	5	Ty	-8.0	0.0	-43.2	75.2

----- SOLLECITAZIONI : 38.

Caso	MZ	MY	MT	N	TZ	TY
6-1	459790.0	-3096.6	-17843.9	26.1	-26.8	763.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	782.9	0.0	22.6	783.9
6-1	si	13	Tz	-781.2	-31.1	0.0	783.1
6-1	si	5	Ty	-6.8	0.0	-38.4	66.9

----- SOLLECITAZIONI : 58.

Caso	MZ	MY	MT	N	TZ	TY
6-1	472288.8	-2580.5	-17843.9	26.1	-26.8	534.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	802.8	0.0	22.6	803.8
6-1	si	13	Tz	-801.3	-28.8	0.0	802.8
6-1	si	5	Ty	-5.6	0.0	-33.7	58.6

----- SOLLECITAZIONI : 77.

Caso	MZ	MY	MT	N	TZ	TY
6-1	480374.9	-2064.4	-17843.9	26.1	-26.8	305.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	815.3	0.0	22.6	816.2
6-1	si	13	Tz	-813.9	-26.4	0.0	815.2
6-1	si	5	Ty	-4.5	0.0	-28.9	50.3

----- SOLLECITAZIONI : 96.

Caso	MZ	MY	MT	N	TZ	TY
6-1	484048.1	-1548.3	-17843.9	26.1	-26.8	76.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	820.3	0.0	22.6	821.2
6-1	si	13	Tz	-819.1	-24.1	0.0	820.2
6-1	si	5	Ty	-3.3	0.0	-24.2	42.1

----- SOLLECITAZIONI : 115.

Caso	MZ	MY	MT	N	TZ	TY
6-1	483308.6	-1032.2	-17843.9	26.1	-26.8	-153.0



TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	817.9	0.0	22.6	818.8
6-1	si	14	Tz	813.5	-24.9	0.0	814.6
6-1	si	5	Ty	-2.1	0.0	25.8	44.7
----- PROGR. 135.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	478156.2	-516.1	-17843.9	26.1	-26.8		-382.3
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	808.0	0.0	22.6	808.9
6-1	si	14	Tz	805.8	-27.2	0.0	807.2
6-1	si	5	Ty	-0.9	0.0	30.5	52.9
6-1	si	16	Si	807.8	25.8	0.0	809.0
----- PROGR. 154.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	468591.0	0.0	-17843.9	26.1	-26.8		-611.5
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	790.7	0.0	22.6	791.6
6-1	si	14	Tz	790.7	-29.5	0.0	792.3
6-1	si	5	Ty	0.3	0.0	35.3	61.1
-----							
VERIFICA STABILITA` :							
L0 =	154.						
Z	Lc = 154.	Ro = 9.06	lm = 17.0	Ncr = 6476635.3	alfa(a) = 0.2100	ki = 0.9951	
Y	Lc = 154.	Ro = 6.01	lm = 25.6	Ncr = 2852404.7	alfa(a) = 0.2100	ki = 0.9691	
Caso12-10 - Nodo 2 - Asse Y							
Ned =	-135.9	Mzeq = 151090.8	Myeq = 15624.2	Ss = -292.3	( 0.086)		
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----- PROGR. 0.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	435931.8	-2067.5	13313.3	7.2	-29.0		-1026.6
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	740.1	0.0	16.9	740.7
6-1	si	14	Tz	731.4	-28.0	0.0	733.0
6-1	si	5	Ty	-4.7	0.0	38.1	66.2
6-1	si	16	Si	739.4	26.5	0.0	740.8
----- PROGR. 18.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	415658.7	-1549.3	13313.3	7.2	-29.0		-1239.6
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	704.7	0.0	16.9	705.3
6-1	si	14	Tz	698.2	-30.2	0.0	700.1
6-1	si	5	Ty	-3.5	0.0	42.5	73.7
6-1	si	16	Si	704.2	28.7	0.0	705.9
----- PROGR. 36.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	391573.7	-1031.1	13313.3	7.2	-29.0		-1452.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	662.9	0.0	16.9	663.6
6-1	si	14	Tz	658.6	-32.4	0.0	660.9
6-1	si	5	Ty	-2.3	0.0	46.9	81.3
6-1	si	16	Si	662.5	30.8	0.0	664.7
----- PROGR. 54.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	363676.6	-512.9	13313.3	7.2	-29.0		-1665.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	614.7	0.0	16.9	615.4
6-1	si	14	Tz	612.5	-34.5	0.0	615.4
6-1	si	5	Ty	-1.1	0.0	51.3	88.9
6-1	si	16	Si	614.5	33.0	0.0	617.1
----- PROGR. 72.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	331967.5	5.3	13313.3	7.2	-29.0		-1878.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	560.0	0.0	16.9	560.8
6-1	si	14	Tz	560.0	-36.7	0.0	563.6
6-1	si	5	Ty	0.1	0.0	55.7	96.5
----- PROGR. 89.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	296446.4	523.5	13313.3	7.2	-29.0		-2091.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	501.3	0.0	16.9	502.2
6-1	si	14	Tz	501.1	-38.8	0.0	505.6
6-1	si	5	Ty	1.3	0.0	60.1	104.1
----- PROGR. 107.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	257113.3	1041.7	13313.3	7.2	-29.0		-2304.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	436.1	0.0	16.9	437.1



----- PROGR. 65.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-38308.0	259.8	13313.4	7.2	28.1	-3553.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	65.3	0.0	16.9	71.5
6-1	si	13	Tz	65.2	53.6	0.0	113.4
6-1	si	5	TySi	0.7	0.0	90.3	156.4

----- PROGR. 74.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-71723.8	0.0	13313.4	7.2	28.1	-3663.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	121.1	0.0	16.9	124.5
6-1	si	13	Tz	121.1	54.7	0.0	153.7
6-1	si	5	TySi	0.1	0.0	92.6	160.3

VERIFICA STABILITA` :

L0 = 74.  
 Z Lc = 74. Ro = 9.06 lm = 8.2 Ncr = 27988645.4 alfa(a) = 0.2100 ki = 1.0000  
 Y Lc = 74. Ro = 6.01 lm = 12.3 Ncr = 12326607.8 alfa(a) = 0.2100 ki = 1.0000  
 Caso11- 2 - Nodo 2 - Asse Y  
 Ned = -460.6 Mzeq = 28818.3 Myeq = 34298.9 Ss = -132.5 ( 0.039)

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----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	182544.7	-3174.5	142207.7	-11.3	10.6	1425.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-315.3	0.0	180.4	443.9
6-1	si	14	Tz	301.6	195.1	0.0	453.0
6-1	si	5	Ty	-7.4	0.0	-209.9	363.6
6-1	si	13	Si	-314.2	-194.6	0.0	460.7

----- PROGR. 18.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	206012.7	-3363.0	142207.7	-11.3	10.6	1214.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-355.3	0.0	180.4	473.2
6-1	si	14	Tz	340.9	193.0	0.0	477.4
6-1	si	5	Ty	-7.9	0.0	-205.5	356.0
6-1	si	13	Si	-354.1	-192.4	0.0	486.3

----- PROGR. 36.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	225716.7	-3551.5	142207.7	-11.3	10.6	1002.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-389.0	0.0	180.4	499.0
6-1	si	14	Tz	373.7	190.8	0.0	498.9
6-1	si	5	Ty	-8.3	0.0	-201.1	348.4
6-1	si	13	Si	-387.7	-190.3	0.0	508.8

----- PROGR. 53.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	241656.8	-3740.0	142207.7	-11.3	10.6	790.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-416.3	0.0	180.4	520.5
6-1	si	14	Tz	400.3	188.7	0.0	516.7
6-1	si	5	Ty	-8.7	0.0	-196.7	340.9
6-1	si	13	Si	-414.9	-188.1	0.0	527.6

----- PROGR. 71.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	253833.0	-3928.5	142207.7	-11.3	10.6	579.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-437.3	0.0	180.4	537.5
6-1	si	14	Tz	420.4	186.5	0.0	530.2
6-1	si	5	Ty	-9.2	0.0	-192.4	333.3
6-1	si	13	Si	-435.8	-186.0	0.0	542.0

----- PROGR. 89.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	262245.3	-4117.0	142207.7	-11.3	10.6	367.3	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-451.9	0.0	180.4	549.4
6-1	si	14	Tz	434.3	184.4	0.0	539.1
6-1	si	5	Ty	-9.6	0.0	-188.0	325.8
6-1	si	13	Si	-450.4	-183.8	0.0	551.6

----- PROGR. 107.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	266893.8	-4305.5	142207.7	-11.3	10.6	155.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-460.2	0.0	180.4	556.3
6-1	si	14	Tz	441.7	182.3	0.0	542.9
6-1	si	5	Ty	-10.0	0.0	-183.6	318.2

----- PROGR. 124.

SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	267778.3	-4494.0	142207.7	-11.3	10.6	-56.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-462.1	0.0	180.4	557.8
6-1	si	13	Tz	-460.5	181.3	0.0	557.3
6-1	si	5	Ty	-10.5	0.0	181.6	314.7

----- PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	264899.0	-4682.6	142207.7	-11.3	10.6	-267.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-457.7	0.0	180.4	554.2
6-1	si	13	Tz	-456.0	183.4	0.0	555.7
6-1	si	5	Ty	-10.9	0.0	185.9	322.2

----- PROGR. 142.

## VERIFICA STABILITA` :

L0 = 142.  
 Z Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -11.3 | Mzeq = 267778.3 | Myeq = -4682.6 | Ss = -462.6 ( 0.137)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	264899.0	-4682.6	142207.5	-11.3	-30.4	-320.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-457.7	0.0	180.4	554.2
6-1	si	14	Tz	437.6	-184.5	0.0	541.8
6-1	si	5	Ty	-10.9	0.0	187.0	324.1
6-1	si	13	Si	-456.0	182.8	0.0	555.2

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	256527.6	-4097.2	142207.5	-11.3	-30.4	-549.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-442.2	0.0	180.4	541.5
6-1	si	14	Tz	424.7	-186.8	0.0	533.8
6-1	si	5	Ty	-9.5	0.0	191.8	332.3
6-1	si	13	Si	-440.7	185.2	0.0	545.1

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	243743.3	-3511.9	142207.5	-11.3	-30.4	-778.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-419.3	0.0	180.4	522.9
6-1	si	14	Tz	404.2	-189.1	0.0	520.2
6-1	si	5	Ty	-8.2	0.0	196.5	340.4
6-1	si	13	Si	-418.0	187.5	0.0	529.3

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	226546.2	-2926.6	142207.5	-11.3	-30.4	-1008.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-389.0	0.0	180.4	498.9
6-1	si	14	Tz	376.3	-191.4	0.0	501.5
6-1	si	5	Ty	-6.9	0.0	201.2	348.6
6-1	si	13	Si	-387.9	189.8	0.0	508.5

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	204936.3	-2341.3	142207.5	-11.3	-30.4	-1237.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-351.2	0.0	180.4	470.1
6-1	si	14	Tz	341.0	-193.7	0.0	478.4
6-1	si	5	Ty	-5.5	0.0	206.0	356.8
6-1	si	13	Si	-350.3	192.1	0.0	483.2

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	178913.5	-1756.0	142207.5	-11.3	-30.4	-1466.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-305.9	0.0	180.4	437.3
6-1	si	14	Tz	298.3	-196.0	0.0	452.0
6-1	si	5	Ty	-4.2	0.0	210.7	365.0
6-1	si	13	Si	-305.3	194.4	0.0	454.6

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	148478.0	-1170.6	142207.5	-11.3	-30.4	-1695.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-253.3	0.0	180.4	402.2
6-1	si	14	Tz	248.1	-198.4	0.0	423.8
6-1	si	5	Ty	-2.8	0.0	215.4	373.2
6-1	si	13	Si	-252.8	196.8	0.0	424.3

----- PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1						

6-1		113629.7		-585.3	142207.5	-11.3	-30.4	-1924.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-193.1	0.0	180.4	367.3	
6-1	si	14	Tz	190.4	-200.7	0.0	396.3	
6-1	si	5	Ty	-1.5	0.0	220.2	381.4	
6-1	si	15	Si	-190.7	-200.7	0.0	396.4	
----- PROGR. 154.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		74368.5		0.0	142207.5	-11.3	-30.4	-2154.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-125.6	0.0	180.4	336.8	
6-1	si	14	Tz	125.3	-203.0	0.0	373.3	
6-1	si	5	TySi	-0.1	0.0	224.9	389.6	

## VERIFICA STABILITA` :

L0 = 154.  
Z Lc = 154. Ro = 9.06 lm = 17.0 Ncr = 6476635.2 alfa(a) = 0.2100 ki = 0.9951  
Y Lc = 154. Ro = 6.01 lm = 25.6 Ncr = 2852404.7 alfa(a) = 0.2100 ki = 0.9691  
Caso 6-1 - Nodo 1 - Asse Y  
Ned = -11.3 Mzeq = 251119.4 Myeq = -3511.9 Ss = -431.8 ( 0.128)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 87- 176) 413  
----- PROGR. 0.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		112540.7		0.0	46412.3	1.1	25.1	1465.5
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	189.8	0.0	58.9	215.5	
6-1	si	14	Tz	189.8	74.4	0.0	229.4	
6-1	si	5	Ty	0.0	0.0	-89.2	154.4	
----- PROGR. 14.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		131922.7		-352.0	46412.3	1.1	25.1	1298.5
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	223.3	0.0	58.9	245.5	
6-1	si	14	Tz	221.8	72.7	0.0	255.1	
6-1	si	5	Ty	-0.8	0.0	-85.7	148.4	
6-1	si	16	Si	223.2	-71.4	0.0	255.1	
----- PROGR. 28.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		148962.3		-703.9	46412.3	1.1	25.1	1131.5
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	252.9	0.0	58.9	272.7	
6-1	si	14	Tz	249.9	71.0	0.0	278.5	
6-1	si	5	Ty	-1.6	0.0	-82.3	142.5	
6-1	si	16	Si	252.6	-69.7	0.0	280.0	
----- PROGR. 42.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		163659.6		-1055.9	46412.3	1.1	25.1	964.5
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	278.5	0.0	58.9	296.6	
6-1	si	14	Tz	274.0	69.3	0.0	299.2	
6-1	si	5	Ty	-2.4	0.0	-78.8	136.5	
6-1	si	16	Si	278.1	-68.0	0.0	302.0	
----- PROGR. 56.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		176014.7		-1407.9	46412.3	1.1	25.1	797.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	300.1	0.0	58.9	317.0	
6-1	si	14	Tz	294.2	67.6	0.0	316.6	
6-1	si	5	Ty	-3.2	0.0	-75.4	130.6	
6-1	si	16	Si	299.6	-66.3	0.0	320.9	
----- PROGR. 70.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		186027.5		-1759.9	46412.3	1.1	25.1	630.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	317.8	0.0	58.9	333.8	
6-1	si	14	Tz	310.4	65.9	0.0	330.7	
6-1	si	5	Ty	-4.0	0.0	-71.9	124.6	
6-1	si	16	Si	317.2	-64.6	0.0	336.3	
----- PROGR. 84.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		193698.0		-2111.8	46412.3	1.1	25.1	463.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	331.6	0.0	58.9	346.9	
6-1	si	14	Tz	322.6	64.2	0.0	341.3	
6-1	si	5	Ty	-4.8	0.0	-68.5	118.7	
6-1	si	16	Si	330.8	-62.9	0.0	348.3	
----- PROGR. 98.								

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		199026.2		-2463.8	46412.3	1.1	25.1	296.4

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TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	341.4	0.0	58.9	356.3
6-1	si	14	Tz	331.0	62.5	0.0	348.2
6-1	si	5	Ty	-5.6	0.0	-65.0	112.7
6-1	si	16	Si	340.5	-61.2	0.0	356.6

PROGR. 112.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	202012.2	-2815.8	46412.3	1.1	25.1	129.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	347.2	0.0	58.9	361.9
6-1	si	14	Tz	335.3	60.9	0.0	351.5
6-1	si	5	Ty	-6.5	0.0	-61.6	106.8

## VERIFICA STABILITA` :

L0 = 112. |  
 Z | Lc = 112. | Ro = 9.06 | lm = 12.4 | Ncr = 12201838.2 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 112. | Ro = 6.01 | lm = 18.7 | Ncr = 5373867.6 | alfa(a) = 0.2100 | ki = 0.9902 |  
 Caso 8-2 - Nodo 1 - Asse Y  
 Ned = -0.1 | Mzeq = 110736.6 | Myeq = -789.1 | Ss = -188.6 ( 0.056 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 176- 177 ) 414  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	202012.1	-2815.8	46412.5	1.1	24.7	77.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	347.2	0.0	58.9	361.9
6-1	si	14	Tz	335.3	60.3	0.0	351.2
6-1	si	5	Ty	-6.5	0.0	-60.5	105.0

PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	201512.7	-3255.3	46412.5	1.1	24.7	-133.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	347.4	0.0	58.9	362.0
6-1	si	13	Tz	-346.2	60.9	0.0	361.9
6-1	si	5	Ty	-7.5	0.0	61.6	107.0

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	197249.4	-3694.9	46412.5	1.1	24.7	-345.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	341.2	0.0	58.9	356.1
6-1	si	13	Tz	-339.8	63.0	0.0	356.9
6-1	si	5	Ty	-8.5	0.0	66.0	114.7
6-1	si	16	Si	339.8	63.0	0.0	356.9

PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	189222.2	-4134.4	46412.5	1.1	24.7	-557.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	328.7	0.0	58.9	344.1
6-1	si	13	Tz	-327.1	65.2	0.0	346.1
6-1	si	5	Ty	-9.5	0.0	70.4	122.3
6-1	si	16	Si	327.2	65.2	0.0	346.1

PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	177431.1	-4574.0	46412.5	1.1	24.7	-769.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	309.8	0.0	58.9	326.2
6-1	si	13	Tz	-308.1	67.3	0.0	329.4
6-1	si	5	Ty	-10.5	0.0	74.8	129.9
6-1	si	16	Si	308.1	67.3	0.0	329.4

PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	161876.0	-5013.6	46412.5	1.1	24.7	-980.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	284.6	0.0	58.9	302.3
6-1	si	13	Tz	-282.7	69.5	0.0	307.2
6-1	si	5	Ty	-11.5	0.0	79.1	137.6
6-1	si	16	Si	282.7	69.5	0.0	307.3

PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	142557.1	-5453.1	46412.5	1.1	24.7	-1192.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	253.0	0.0	58.9	272.8
6-1	si	13	Tz	-251.0	71.6	0.0	279.9
6-1	si	5	Ty	-12.5	0.0	83.5	145.2
6-1	si	16	Si	251.0	71.6	0.0	280.0

PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	119474.3	-5892.7	46412.5	1.1	24.7	-1404.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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6-1	si	3	Sx	215.1	0.0	58.9	238.0
6-1	si	13	Tz	-212.9	73.7	0.0	248.3
6-1	si	5	Ty	-13.5	0.0	87.9	152.8
6-1	si	16	Si	212.9	73.7	0.0	248.3

PROGR. 142.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	92627.6	-6332.2	46412.5	1.1	24.7	-1615.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	170.8	0.0	58.9	198.9
6-1	si	13	Tz	-168.4	75.9	0.0	213.7
6-1	si	5	Ty	-14.5	0.0	92.3	160.5
6-1	si	16	Si	168.5	75.9	0.0	213.7

## VERIFICA STABILITA` :

L0 = 142.  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr = 7593228.2 | alfa(a) = 0.2100 | ki = 0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr = 3344168.5 | alfa(a) = 0.2100 | ki = 0.9753 |  
 Caso 8- 2 - Nodo 1 - Asse Y  
 Ned = -0.1 | Mzeq = 110736.5 | Myeq = -2404.7 | Ss = -192.3 ( 0.057 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 177- 179 ) 415  
PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	92627.6	-6332.2	46412.5	1.1	-41.1	-1668.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	170.8	0.0	58.9	198.9
6-1	si	14	Tz	144.0	-76.8	0.0	196.1
6-1	si	5	Ty	-14.5	0.0	93.4	162.3
6-1	si	16	Si	168.5	74.7	0.0	212.4

PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	58295.3	-5540.7	46412.5	1.1	-41.1	-1898.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	111.1	0.0	58.9	150.8
6-1	si	14	Tz	87.6	-79.2	0.0	162.7
6-1	si	5	Ty	-12.7	0.0	98.1	170.4
6-1	si	12	Si	101.6	0.0	80.8	172.9

PROGR. 38.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	21939.2	19655.6	16189.1	370.5	170.2	-442.9
6-1	19550.1	-4749.2	46412.5	1.1	-41.1	-2127.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	4	Sx	86.3	0.0	20.5	93.3
6-1	si	14	Tz	23.8	-81.5	0.0	143.1
6-1	si	5	Ty	-10.9	0.0	102.8	178.4
6-1	si	6	Si	10.9	0.0	102.8	178.4

PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-5	-27310.5	-18233.8	7451.7	-370.3	-189.4	-629.2
6-1	-23607.8	-3957.6	46412.5	1.1	-41.1	-2356.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-5	si	4	Sx	-92.1	0.0	9.5	93.5
6-1	si	14	Tz	-47.4	-83.8	0.0	152.7
6-1	si	5	Ty	-9.1	0.0	107.6	186.5
6-1	si	6	Si	9.1	0.0	107.6	186.5

PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-71178.5	-3166.1	46412.5	1.1	-41.1	-2585.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	127.3	0.0	58.9	163.1
6-1	si	14	Tz	-126.2	-86.1	0.0	195.4
6-1	si	5	Ty	-7.3	0.0	112.3	194.6
6-1	si	10	Si	115.8	0.0	91.0	195.6

PROGR. 96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-123162.0	-2374.6	46412.5	1.1	-41.1	-2815.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	213.2	0.0	58.9	236.3
6-1	si	14	Tz	-212.3	-88.4	0.0	261.8
6-1	si	5	Ty	-5.4	0.0	117.0	202.8
6-1	si	15	Si	212.3	-88.4	0.0	261.8

PROGR. 115.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-179558.4	-1583.1	46412.5	1.1	-41.1	-3044.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	306.5	0.0	58.9	323.0
6-1	si	14	Tz	-305.9	-90.8	0.0	343.9
6-1	si	5	Ty	-3.6	0.0	121.8	210.9
6-1	si	15	Si	305.9	-90.8	0.0	344.0

PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

	6- 1	-240367.5	-791.5	46412.5	1.1	-41.1	-3273.5
TENSIONI (Sz= 0.00) :							
	Caso	Ve No	massimi	Sx	Tz	Ty	Si
	6- 1	si  2	Sx	407.3	0.0	58.9	419.8
	6- 1	si  14	Tz	-406.9	-93.1	0.0	437.7
	6- 1	si  5	Ty	-1.8	0.0	126.5	219.1
	6- 1	si  15	Si	407.0	-93.1	0.0	437.7

----- PROGR. 154.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	6- 1		-305589.4	0.0	46412.5	1.1	-41.1	-3502.8
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	6- 1	si  1	Sx	515.5	0.0	58.9	525.4	
	6- 1	si  14	Tz	-515.4	-95.4	0.0	541.3	
	6- 1	si  5	Ty	0.0	0.0	131.2	227.3	
	6- 1	si  15	Si	515.5	-95.4	0.0	541.3	

VERIFICA STABILITA` :

L0 = 154. |  
Z |Lc = 154. |Ro = 9.06|lm = 17.0|Ncr= 6476635.3|alfa(a)=0.2100|ki=0.9951|  
Y |Lc = 154. |Ro = 6.01|lm = 25.6|Ncr= 2852404.7|alfa(a)=0.2100|ki=0.9691|  
Caso 8- 2 - Nodo 4 - Asse Y  
Ned = -0.1|Mzeq = -125100.6|Myeq = -1985.5|Ss = -215.6 ( 0.064)

CASSONE\_S005 ( 5) stato limite ultimo - ASTA ( 179- 180) 416  
----- PROGR. 0.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	6- 1		-281580.3	0.0	-47032.4	-2.8	23.4	3346.3
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	6- 1	si  3	Sx	-475.0	0.0	59.7	486.1	
	6- 1	si  14	Tz	-475.0	94.1	0.0	502.2	
	6- 1	si  5	Ty	0.0	0.0	-128.8	223.1	

----- PROGR. 19.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	6- 1		-219370.1	-450.0	-47032.4	-2.8	23.4	3117.1
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	6- 1	si  4	Sx	-371.1	0.0	59.7	385.2	
	6- 1	si  14	Tz	-370.9	91.8	0.0	403.6	
	6- 1	si  5	Ty	-1.1	0.0	-124.1	214.9	

----- PROGR. 39.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	6- 1		-161572.8	-900.1	-47032.4	-2.8	23.4	2887.8
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	6- 1	si  4	Sx	-274.6	0.0	59.7	293.4	
	6- 1	si  14	Tz	-274.3	89.5	0.0	315.1	
	6- 1	si  5	Ty	-2.1	0.0	-119.3	206.7	

----- PROGR. 58.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	6- 1		-108188.2	-1350.1	-47032.4	-2.8	23.4	2658.6
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	6- 1	si  4	Sx	-185.6	0.0	59.7	212.4	
	6- 1	si  14	Tz	-185.1	87.2	0.0	238.9	
	6- 1	si  5	Ty	-3.1	0.0	-114.6	198.5	

----- PROGR. 77.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	6- 1		-59216.5	-1800.2	-47032.4	-2.8	23.4	2429.4
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	6- 1	si  4	Sx	-104.0	0.0	59.7	146.6	
	6- 1	si  14	Tz	-103.4	84.9	0.0	179.7	
	6- 1	si  5	TySi	-4.2	0.0	-109.9	190.3	

----- PROGR. 96.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	12- 3		-26649.0	-9629.0	-9713.8	88.1	100.0	603.2
	6- 1		-14657.5	-2250.2	-47032.4	-2.8	23.4	2200.1
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	12- 3	si  2	Sx	68.1	0.0	12.3	71.3	
	6- 1	si  14	Tz	-29.1	82.5	0.0	145.9	
	6- 1	si  5	TySi	-5.2	0.0	-105.1	182.1	

----- PROGR. 116.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	12-14		24852.4	10383.1	-14388.3	-89.9	-89.9	386.9
	6- 1		25488.6	-2700.3	-47032.4	-2.8	23.4	1970.9
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	12-14	si  2	Sx	-66.8	0.0	18.3	73.9	
	6- 1	si  14	Tz	37.7	80.2	0.0	144.0	
	6- 1	si  5	TySi	-6.2	0.0	-100.4	174.0	

----- PROGR. 135.

SOLLECITAZIONI :								
	Caso		MZ	MY	MT	N	TZ	TY
	6- 1		61221.9	-3150.3	-47032.4	-2.8	23.4	1741.7
TENSIONI (Sz= 0.00) :								
	Caso	Ve No	massimi	Sx	Tz	Ty	Si	
	6- 1	si  1	Sx	-110.5	0.0	59.7	151.3	



6-1	si	14	Tz	97.2	77.9	0.0	166.3
6-1	si	5	Ty	-7.3	0.0	-95.6	165.8
6-1	si	13	Si	-109.4	-76.7	0.0	172.0

----- PROGR. 154.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		92542.4		-3600.4	-47032.4	-2.8	23.4	1512.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-164.4	0.0	59.7	194.2	
6-1	si	14	Tz	149.1	75.6	0.0	198.4	
6-1	si	5	Ty	-8.3	0.0	-90.9	157.7	
6-1	si	13	Si	-163.1	-74.3	0.0	207.8	

-----  
VERIFICA STABILITA` :

L0 = 154.  
Z Lc = 154. | Ro = 9.06 | lm = 17.0 | Ncr = 6476635.2 | alfa(a) = 0.2100 | ki = 0.9951  
Y Lc = 154. | Ro = 6.01 | lm = 25.6 | Ncr = 2852404.7 | alfa(a) = 0.2100 | ki = 0.9691  
Caso 6-1 - Nodo 4 - Asse Y  
Ned = -2.8 | Mzeq = -211185.2 | Myeq = -2700.3 | Ss = -362.4 ( 0.107)

CASSONE\_s005 ( 5 ) stato limite ultimo - ASTA ( 180- 183 ) 417  
----- PROGR. 0.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		92542.4		-3600.4	-47032.4	-2.8	-46.8	1459.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-164.4	0.0	59.7	194.2	
6-1	si	13	Tz	-163.1	-75.7	0.0	209.2	
6-1	si	5	Ty	-8.3	0.0	-89.8	155.8	

----- PROGR. 18.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		116747.3		-2763.9	-47032.4	-2.8	-46.8	1246.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-203.3	0.0	59.7	228.1	
6-1	si	13	Tz	-202.3	-73.5	0.0	239.0	
6-1	si	5	Ty	-6.4	0.0	-85.4	148.1	

----- PROGR. 36.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		137140.2		-1927.5	-47032.4	-2.8	-46.8	1033.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-235.8	0.0	59.7	257.4	
6-1	si	13	Tz	-235.1	-71.4	0.0	265.6	
6-1	si	5	Ty	-4.5	0.0	-81.0	140.4	

----- PROGR. 54.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		153721.0		-1091.1	-47032.4	-2.8	-46.8	820.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-261.8	0.0	59.7	281.5	
6-1	si	13	Tz	-261.4	-69.2	0.0	287.6	
6-1	si	5	Ty	-2.5	0.0	-76.6	132.7	

----- PROGR. 72.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		166489.9		-254.6	-47032.4	-2.8	-46.8	607.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	-281.4	0.0	59.7	299.8	
6-1	si	13	Tz	-281.3	-67.0	0.0	304.4	
6-1	si	5	Ty	-0.6	0.0	-72.2	125.1	

----- PROGR. 89.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		175446.7		581.8	-47032.4	-2.8	-46.8	394.1
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-297.3	0.0	59.7	314.7	
6-1	si	13	Tz	-294.8	-64.9	0.0	315.5	
6-1	si	5	Ty	1.3	0.0	-67.8	117.5	
6-1	si	15	Si	-297.1	62.4	0.0	316.1	

----- PROGR. 107.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		180591.6		1418.3	-47032.4	-2.8	-46.8	181.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-307.9	0.0	59.7	324.8	
6-1	si	13	Tz	-301.9	-62.7	0.0	320.9	
6-1	si	5	Ty	3.2	0.0	-63.4	109.9	

----- PROGR. 125.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		181924.5		2254.7	-47032.4	-2.8	-46.8	-32.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	-312.1	0.0	59.7	328.7	
6-1	si	14	Tz	311.2	-61.2	0.0	328.7	
6-1	si	10	Ty	-282.6	0.0	61.2	301.8	
6-1	si	15	Si	-311.2	-61.2	0.0	328.8	

----- PROGR. 143.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	179445.3	3091.2	-47032.4	-2.8	-46.8	-245.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	-309.8	0.0	59.7	326.6
6-1	si	14	Tz	308.6	-63.4	0.0	327.6
6-1	si	5	Ty	7.1	0.0	64.7	112.3
6-1	si	15	Si	-308.7	-63.4	0.0	327.6

-----  
 VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr = 7497417.1 | alfa(a) = 0.2100 | ki = 0.9985 |  
 Y | Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr = 3301971.9 | alfa(a) = 0.2100 | ki = 0.9748 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -2.8 | Mzeq = 181924.5 | Myeq = -2700.3 | Ss = -313.1 ( 0.093 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 89- 184 ) 420  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	38141.4	0.0	-37018.1	7.3	25.7	1877.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	64.4	0.0	47.0	103.8
6-1	si	14	Tz	64.4	66.6	0.0	132.2
6-1	si	5	TySi	0.1	0.0	-85.7	148.5

-----  
 PROGR. 16.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	67293.7	-420.6	-37018.1	7.3	25.7	1682.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	114.6	0.0	47.0	140.5
6-1	si	14	Tz	112.8	64.7	0.0	158.9
6-1	si	5	Ty	-0.9	0.0	-81.7	141.5

-----  
 PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	93250.2	-841.2	-37018.1	7.3	25.7	1486.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	159.3	0.0	47.0	178.9
6-1	si	14	Tz	155.7	62.7	0.0	189.8
6-1	si	5	Ty	-1.9	0.0	-77.7	134.6
6-1	si	16	Si	159.0	-61.3	0.0	191.2

-----  
 PROGR. 49.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	116010.9	-1261.8	-37018.1	7.3	25.7	1291.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	198.7	0.0	47.0	214.7
6-1	si	14	Tz	193.3	60.7	0.0	220.1
6-1	si	5	Ty	-2.8	0.0	-73.6	127.6
6-1	si	16	Si	198.2	-59.4	0.0	223.3

-----  
 PROGR. 66.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	135575.7	-1682.4	-37018.1	7.3	25.7	1096.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	232.6	0.0	47.0	246.4
6-1	si	14	Tz	225.5	58.7	0.0	247.4
6-1	si	5	Ty	-3.8	0.0	-69.6	120.6
6-1	si	16	Si	232.0	-57.4	0.0	252.4

-----  
 PROGR. 82.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	151944.6	-2103.0	-37018.1	7.3	25.7	901.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	261.2	0.0	47.0	273.6
6-1	si	14	Tz	252.3	56.8	0.0	270.8
6-1	si	5	Ty	-4.8	0.0	-65.6	113.7
6-1	si	16	Si	260.4	-55.4	0.0	277.5

-----  
 PROGR. 98.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	165117.7	-2523.6	-37018.1	7.3	25.7	706.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	284.4	0.0	47.0	295.8
6-1	si	14	Tz	273.7	54.8	0.0	289.7
6-1	si	5	Ty	-5.7	0.0	-61.6	106.8
6-1	si	16	Si	283.5	-53.4	0.0	298.2

-----  
 PROGR. 115.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	175094.9	-2944.2	-37018.1	7.3	25.7	511.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	302.2	0.0	47.0	312.9
6-1	si	14	Tz	289.7	52.8	0.0	303.8
6-1	si	5	Ty	-6.7	0.0	-57.5	99.9
6-1	si	16	Si	301.1	-51.5	0.0	314.0

-----  
 PROGR. 131.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1						

Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

VERIFICA STABILITA` :

L0 = 131. |
Z | Lc = 131. | Ro = 9.06 | lm = 14.5 | Ncr = 8942884.1 | alfa(a) = 0.2100 | ki = 1.0000 |
Y | Lc = 131. | Ro = 6.01 | lm = 21.8 | Ncr = 3938576.7 | alfa(a) = 0.2100 | ki = 0.9809 |
Caso11-14 - Nodo 1 - Asse Y
Ned = -95.9 | Mz eq = 37012.7 | My eq = -35953.3 | Ss = -146.1 ( 0.043 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 184- 187 ) 421
0.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

SOLLECITAZIONI : Table with columns: Case, Node, Component, Value, and Unit. Includes TENSIONI (Sz= 0.00) and massimi values for Sx, Tz, Ty, Si.

6-1	si	3	Sx	179.9	0.0	47.0	197.4
6-1	si	13	Tz	-177.7	61.8	0.0	207.4
6-1	si	5	Ty	-12.6	0.0	76.5	133.1
6-1	si	16	Si	177.8	61.8	0.0	207.6

-----  
 VERIFICA STABILITA` :

I0 = 142. |  
 Z | Lc = 142. | Ro = 9.06 | lm = 15.7 | Ncr= 7593228.2 | alfa(a)=0.2100 | ki=0.9988 |  
 Y | Lc = 142. | Ro = 6.01 | lm = 23.6 | Ncr= 3344168.5 | alfa(a)=0.2100 | ki=0.9753 |  
 Casol2- 9 - Nodo 2 - Asse Y  
 Ned = -8.7 | Mzeq = 48201.9 | Myeq = 33329.3 | Ss = -158.0 ( 0.047 )

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 188- 191) 422  
 -----  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-264693.1	0.0	15954.9	4.8	14.9	3262.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	446.5	0.0	20.2	447.9
6-1	si	14	Tz	-446.4	53.6	0.0	456.0
6-1	si	5	Ty	0.1	0.0	-87.6	151.8
6-1	si	15	Si	446.5	53.6	0.0	456.1

-----  
 PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-204096.3	-286.8	15954.9	4.8	14.9	3033.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	345.0	0.0	20.2	346.7
6-1	si	14	Tz	-344.7	51.3	0.0	356.0
6-1	si	5	Ty	-0.6	0.0	-82.9	143.6
6-1	si	15	Si	344.9	51.3	0.0	356.1

-----  
 PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-147912.2	-573.7	15954.9	4.8	14.9	2804.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	250.9	0.0	20.2	253.3
6-1	si	14	Tz	-250.5	49.0	0.0	264.5
6-1	si	5	Ty	-1.3	0.0	-78.2	135.4
6-1	si	15	Si	250.6	49.0	0.0	264.6

-----  
 PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-96140.9	-860.5	15954.9	4.8	14.9	2574.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	164.2	0.0	20.2	167.9
6-1	si	14	Tz	-163.8	46.7	0.0	182.6
6-1	si	5	Ty	-1.9	0.0	-73.4	127.2
6-1	si	15	Si	163.9	46.7	0.0	182.7

-----  
 PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-48782.5	-1147.3	15954.9	4.8	14.9	2345.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	85.0	0.0	20.2	91.9
6-1	si	14	Tz	-84.4	44.4	0.0	114.2
6-1	si	5	Ty	-2.6	0.0	-68.7	119.0
6-1	si	6	Si	2.7	0.0	-68.7	119.0

-----  
 PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-3	-15302.8	-9094.6	7156.7	4.7	94.5	542.1
6-1	-5836.9	-1434.2	15954.9	4.8	14.9	2116.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-3	si	2	Sx	46.8	0.0	9.1	49.3
6-1	si	14	Tz	-12.6	42.0	0.0	73.9
6-1	si	5	Ty	-3.2	0.0	-64.0	110.8
6-1	si	6	Si	3.3	0.0	-64.0	110.8

-----  
 PROGR. 115.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	32696.0	-1721.0	15954.9	4.8	14.9	1887.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	59.2	0.0	20.2	68.8
6-1	si	14	Tz	51.9	39.7	0.0	86.2
6-1	si	5	Ty	-3.9	0.0	-59.2	102.7
6-1	si	6	Si	4.0	0.0	-59.2	102.7

-----  
 PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	66816.0	-2007.8	15954.9	4.8	14.9	1657.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	117.4	0.0	20.2	122.5
6-1	si	14	Tz	108.9	37.4	0.0	126.7
6-1	si	5	Ty	-4.6	0.0	-54.5	94.5
6-1	si	16	Si	116.6	-36.6	0.0	132.8

-----  
 PROGR. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	96523.2	-2294.7	15954.9	4.8	14.9	1428.6

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	168.1	0.0	20.2	171.7
6-1	si	14	Tz	158.4	35.1	0.0	169.7
6-1	si	5	Ty	-5.2	0.0	-49.8	86.3
6-1	si	16	Si	167.3	-34.3	0.0	177.5
-----							
VERIFICA STABILITA` :							
L0 = 154.							
Z	Lc = 154.	Ro = 9.06	lm = 17.0	Ncr = 6476635.3	alfa(a) = 0.2100	ki = 0.9951	
Y	Lc = 154.	Ro = 6.01	lm = 25.6	Ncr = 2852404.7	alfa(a) = 0.2100	ki = 0.9691	
Caso12- 4 - Nodo 4 - Asse Y							
Ned = -2.8   Mzeq = -59545.2   Myeq = -10700.4   Ss = -125.1 ( 0.037)							
CASSONE_S005 ( 5) stato limite ultimo - ASTA ( 191- 192) 423							
-----							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	96523.2	-2294.7	15955.0	4.8	-39.4	1375.9	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	168.1	0.0	20.2	171.7
6-1	si	13	Tz	-167.2	-35.2	0.0	178.0
6-1	si	5	Ty	-5.2	0.0	-48.7	84.5
6-1	si	16	Si	167.3	-35.2	0.0	178.1
-----							
PROGR. 18.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	119234.2	-1589.7	15955.0	4.8	-39.4	1162.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	204.8	0.0	20.2	207.8
6-1	si	13	Tz	-204.1	-33.0	0.0	212.0
6-1	si	5	Ty	-3.6	0.0	-44.3	76.7
6-1	si	16	Si	204.2	-33.0	0.0	212.1
-----							
PROGR. 36.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	138133.2	-884.8	15955.0	4.8	-39.4	949.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	235.1	0.0	20.2	237.7
6-1	si	13	Tz	-234.6	-30.9	0.0	240.7
6-1	si	5	Ty	-2.0	0.0	-39.9	69.1
6-1	si	16	Si	234.8	-30.9	0.0	240.8
-----							
PROGR. 54.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	153220.2	-179.9	15955.0	4.8	-39.4	736.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	258.9	0.0	20.2	261.3
6-1	si	13	Tz	-258.7	-28.7	0.0	263.5
6-1	si	5	Ty	-0.4	0.0	-35.5	61.4
6-1	si	16	Si	258.8	-28.7	0.0	263.6
-----							
PROGR. 72.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	164495.3	525.1	15955.0	4.8	-39.4	523.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	278.7	0.0	20.2	280.9
6-1	si	13	Tz	-276.4	-26.6	0.0	280.2
6-1	si	5	Ty	1.3	0.0	-31.1	53.8
6-1	si	14	Si	278.5	24.5	0.0	281.7
-----							
PROGR. 89.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	171958.3	1230.0	15955.0	4.8	-39.4	310.6	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	292.9	0.0	20.2	295.0
6-1	si	13	Tz	-287.6	-24.4	0.0	290.7
6-1	si	5	Ty	2.9	0.0	-26.7	46.3
6-1	si	14	Si	292.5	22.3	0.0	295.0
-----							
PROGR. 107.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	175609.4	1935.0	15955.0	4.8	-39.4	97.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	300.7	0.0	20.2	302.7
6-1	si	13	Tz	-292.4	-22.3	0.0	294.9
6-1	si	9	Ty	-263.3	0.0	-22.4	266.1
-----							
PROGR. 125.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	175448.4	2639.9	15955.0	4.8	-39.4	-115.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	302.0	0.0	20.2	304.1
6-1	si	14	Tz	301.1	-22.5	0.0	303.6
6-1	si	5	Ty	6.1	0.0	22.6	39.7
-----							
PROGR. 143.							
SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	171475.4	3344.8	15955.0	4.8	-39.4	-328.6	
TENSIONI (Sz= 0.00) :							

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	297.0	0.0	20.2	299.0
6-1	si	14	Tz	295.7	-24.6	0.0	298.8
6-1	si	5	Ty	7.7	0.0	27.0	47.5

VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 9.06 | lm = 15.8 | Ncr= 7497417.0 | alfa(a)=0.2100 | ki=0.9985 |  
 Y | Lc = 143. | Ro = 6.01 | lm = 23.8 | Ncr= 3301971.9 | alfa(a)=0.2100 | ki=0.9748 |  
 Casoll- 3 - Nodo 1 - Asse Y  
 Ned = -102.4 | Mzeq = 42691.6 | Myeq = -31428.3 | Ss = -145.4 ( 0.043)

CASSONE\_S005 ( 5 ) stato limite ultimo - ASTA ( 192- 88) 424  
 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	171475.5	3344.8	15955.0	4.8	25.7	-378.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	297.0	0.0	20.2	299.0
6-1	si	13	Tz	-282.7	24.8	0.0	286.0
6-1	si	5	Ty	7.7	0.0	28.1	49.2

----- PROGR. 16.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	163720.6	2926.7	15955.0	4.8	25.7	-573.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	282.9	0.0	20.2	285.1
6-1	si	13	Tz	-270.4	26.7	0.0	274.4
6-1	si	5	Ty	6.8	0.0	32.1	56.0
6-1	si	14	Si	281.9	-25.4	0.0	285.3

----- PROGR. 33.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	152804.1	2508.6	15955.0	4.8	25.7	-767.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	263.6	0.0	20.2	265.9
6-1	si	13	Tz	-252.8	28.7	0.0	257.7
6-1	si	5	Ty	5.8	0.0	36.1	62.8
6-1	si	14	Si	262.6	-27.3	0.0	266.9

----- PROGR. 49.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	138725.9	2090.5	15955.0	4.8	25.7	-961.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	238.8	0.0	20.2	241.4
6-1	si	13	Tz	-229.9	30.6	0.0	235.9
6-1	si	5	Ty	4.9	0.0	40.1	69.6
6-1	si	14	Si	238.1	-29.3	0.0	243.4

----- PROGR. 65.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	121486.1	1672.4	15955.0	4.8	25.7	-1155.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	208.8	0.0	20.2	211.7
6-1	si	13	Tz	-201.6	32.6	0.0	209.4
6-1	si	5	Ty	3.9	0.0	44.1	76.5
6-1	si	14	Si	208.2	-31.2	0.0	215.1

----- PROGR. 81.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	101084.7	1254.3	15955.0	4.8	25.7	-1349.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	173.4	0.0	20.2	176.9
6-1	si	13	Tz	-168.0	34.6	0.0	178.4
6-1	si	5	Ty	2.9	0.0	48.1	83.4
6-1	si	14	Si	173.0	-33.2	0.0	182.3

----- PROGR. 98.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	77521.7	836.2	15955.0	4.8	25.7	-1543.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	132.7	0.0	20.2	137.3
6-1	si	13	Tz	-129.1	36.5	0.0	143.8
6-1	si	5	Ty	2.0	0.0	52.1	90.3
6-1	si	14	Si	132.4	-35.2	0.0	145.8

----- PROGR. 114.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	50797.0	418.1	15955.0	4.8	25.7	-1737.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	86.7	0.0	20.2	93.5
6-1	si	13	Tz	-84.8	38.5	0.0	107.9
6-1	si	5	Ty	1.0	0.0	56.1	97.2
6-1	si	16	Si	84.9	38.5	0.0	108.0

----- PROGR. 130.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	20910.6	0.0	15955.0	4.8	25.7	-1931.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
------	----	----	---------	----	----	----	----

6- 1	si  3	Sx	35.3	0.0	20.2	49.8
6- 1	si  13	Tz	-35.2	40.5	0.0	78.4
6- 1	si  5	TySi	0.1	0.0	60.1	104.2

## VERIFICA STABILITA` :

L0 = 130.  
 Z |Lc = 130. |Ro = 9.06|lm = 14.4|Ncr= 9039664.8|alfa(a )=0.2100|ki=1.0000|  
 Y |Lc = 130. |Ro = 6.01|lm = 21.7|Ncr= 3981200.3|alfa(a )=0.2100|ki=0.9813|  
 Casoll- 3 - Nodo 1 - Asse Y  
 Ned = -114.4|Mzeq = 35207.6|Myeq = -31428.3|Ss = -132.9 ( 0.039)

## VERIFICA ELEMENTI IN ACCIAIO

lavoro : PCCVE5

Unità di misura:

Lunghezze: cm

Prop.Sez.: cm

Forze: daN

Momenti: daNcm

Tensioni: daN/cm2

## MATERIALI

S355 (EN 10025-2): Mod.El.= 210000.0; gM = 1.050;  
 fyk = 3550.0(3350.0 per sp>40 mm); fyd = 3381.0(3190.5 per sp>40 mm).

## CASI DI CARICO

N	Descrizione	Soll.
1	SLU Max Var	1
2	SLU Max Neve	1
3	SLU VENTOX 1	1
4	SLU VENTOX 2	2
5	SLU VENTOX 3	1
6	SLU VENTOX 4	2
7	SLU VENTOX 5	1
8	SLU VENTOX 6	2
11	SLU con SISMAY PRINC	16
12	SLU con SISMAY PRINC	16

## CARATTERISTICHE GEOMETRICHE

## CASSONE\_S001 ( 1 ) :

A = 51.8400E+00 Jz= 1.5568E+03 Jy=483.6352E+00 Jt= 1.1254E+03  
 base= 8. ; alt= 16. ; spsup= 1. ; spsx= 1. ; spdx= 1. ; spinf= 1.

## CASSONE\_S002 ( 2 ) :

A = 32.6400E+00 Jz=259.3792E+00 Jy=259.3792E+00 Jt=377.3184E+00  
 base= 8. ; alt= 8. ; spsup= 1. ; spsx= 1. ; spdx= 1. ; spinf= 1.

CASSONE\_S001 ( 1 ) stato limite ultimo - ASTA ( 65- 110) 60  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	94712.9	19908.1	0.0	-648.1	95.7	-389.0
12-13	106445.7	4578.6	0.0	-627.1	23.8	-427.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	-663.9	0.0	0.0	663.9
12-12	si	13	Tz	-384.0	10.6	0.0	384.4
12-13	si	5	Ty	25.8	0.0	14.5	35.9

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	96665.5	15021.4	0.0	-627.3	77.9	-405.4
12-12	90336.7	18831.0	0.0	-643.5	95.7	-389.0
12-13	101642.6	4311.1	0.0	-622.5	23.8	-427.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-633.1	0.0	0.0	633.1
12-12	si	13	Tz	-367.6	10.6	0.0	368.1
12-13	si	5	Ty	23.6	0.0	14.5	34.4

----- PROGR. 22.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	92105.2	14144.5	0.0	-622.7	77.9	-405.4
12-12	85960.5	17753.9	0.0	-639.0	95.7	-389.0
12-13	96839.6	4043.5	0.0	-618.0	23.8	-427.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-602.3	0.0	0.0	602.3
12-12	si	13	Tz	-351.3	10.6	0.0	351.7
12-13	si	5	Ty	21.5	0.0	14.5	33.0

----- PROGR. 34.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	87544.9	13267.7	0.0	-618.1	77.9	-405.4
12-12	81584.2	16676.8	0.0	-634.4	95.7	-389.0
12-13	92036.5	3776.0	0.0	-613.4	23.8	-427.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-571.5	0.0	0.0	571.5
12-12	si	13	Tz	-334.9	10.6	0.0	335.4
12-13	si	5	Ty	19.4	0.0	14.5	31.7

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	82984.6	12390.8	0.0	-613.5	77.9	-405.4
12-12	77208.0	15599.7	0.0	-629.8	95.7	-389.0
12-13	87233.5	3508.4	0.0	-608.8	23.8	-427.0

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-540.8	0.0	0.0	540.8
12-12	si	13	Tz		-318.6	10.6	0.0	319.1
12-13	si	5	Ty		17.3	0.0	14.5	30.4

PROGR. 56.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-16		78424.3	11513.9	0.0	-609.0	77.9	-405.4
12-12		72831.7	14522.6	0.0	-625.2	95.7	-389.0
12-13		82430.5	3240.8	0.0	-604.2	23.8	-427.0

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-510.0	0.0	0.0	510.0
12-12	si	13	Tz		-302.2	10.6	0.0	302.8
12-13	si	5	Ty		15.1	0.0	14.5	29.3

PROGR. 68.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-16		73863.9	10637.1	0.0	-604.4	77.9	-405.4
12-12		68455.4	13445.5	0.0	-620.7	95.7	-389.0
12-13		77627.5	2973.3	0.0	-599.6	23.8	-427.0

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-479.2	0.0	0.0	479.2
12-12	si	13	Tz		-285.9	10.6	0.0	286.5
12-13	si	5	Ty		13.0	0.0	14.5	28.2

PROGR. 79.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-16		69303.6	9760.2	0.0	-599.8	77.9	-405.4
12-12		64079.1	12368.4	0.0	-616.1	95.7	-389.0
12-13		72824.6	2705.7	0.0	-595.1	23.8	-427.0

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-448.4	0.0	0.0	448.4
12-12	si	13	Tz		-269.6	10.6	0.0	270.2
12-13	si	5	Ty		10.9	0.0	14.5	27.3

PROGR. 90.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-16		64743.2	8883.3	0.0	-595.2	77.9	-405.4
12-12		59702.8	11291.3	0.0	-611.5	95.7	-389.0
12-13		68021.7	2438.1	0.0	-590.5	23.8	-427.0

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-16	si	2	Sx	Si	-417.7	0.0	0.0	417.7
12-12	si	13	Tz		-253.2	10.6	0.0	253.9
12-13	si	5	Ty		8.8	0.0	14.5	26.5

VERIFICA STABILITA` :

L0 = 90. |  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967 |  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565 |  
 Caso12-16 - Nodo 2 - Asse Y  
 Ned = -631.9 | Mzeq = 86632.8 | Myeq = 13092.3 | Ss = -566.3 ( 0.168 )

CASSONE\_S001 ( 1 ) stato limite ultimo - ASTA ( 40- 51) 162  
 PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		151650.8	18646.5	0.0	-691.2	89.4	-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-946.9	0.0	0.0	946.9
12-15	si	13	Tz		-684.7	12.8	0.0	685.0
12-15	si	5	Ty		140.9	0.0	19.7	144.9

PROGR. 11.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		145115.5	17640.6	0.0	-686.7	89.4	-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-904.9	0.0	0.0	904.9
12-15	si	13	Tz		-656.8	12.8	0.0	657.2
12-15	si	5	Ty		132.7	0.0	19.7	137.0

PROGR. 22.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		138580.2	16634.7	0.0	-682.1	89.4	-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-862.9	0.0	0.0	862.9
12-15	si	13	Tz		-629.0	12.8	0.0	629.4
12-15	si	5	Ty		124.4	0.0	19.7	129.0

PROGR. 34.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		132045.0	15628.9	0.0	-677.5	89.4	-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-820.9	0.0	0.0	820.9
12-15	si	13	Tz		-601.1	12.8	0.0	601.5
12-15	si	5	Ty		116.2	0.0	19.7	121.1

PROGR. 45.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-15		125509.8	14623.0	0.0	-672.9	89.4	-580.9



TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-778.9	0.0	0.0	778.9
12-15	si	13	Tz		-573.3	12.8	0.0	573.7
12-15	si	5	Ty		108.0	0.0	19.7	113.2

PROGR. 56.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	118974.6	13617.2	0.0	-668.3	89.4		-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-736.9	0.0	0.0	736.9
12-15	si	13	Tz		-545.4	12.8	0.0	545.9
12-15	si	5	Ty		99.7	0.0	19.7	105.4

PROGR. 68.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	112439.4	12611.4	0.0	-663.8	89.4		-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-694.9	0.0	0.0	694.9
12-15	si	13	Tz		-517.6	12.8	0.0	518.1
12-15	si	5	Ty		91.5	0.0	19.7	97.6

PROGR. 79.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	105904.2	11605.6	0.0	-659.2	89.4		-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-652.9	0.0	0.0	652.9
12-15	si	13	Tz		-489.7	12.8	0.0	490.2
12-15	si	5	Ty		83.3	0.0	19.7	90.0

PROGR. 90.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	99369.1	10599.8	0.0	-654.6	89.4		-580.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-610.9	0.0	0.0	610.9
12-15	si	13	Tz		-461.9	12.8	0.0	462.4
12-15	si	5	Ty		75.0	0.0	19.7	82.4

## VERIFICA STABILITA` :

L0 = 90.  
 Z Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967  
 Y Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565  
 Caso 12-15 - Nodo 2 - Asse Y  
 Ned = -691.2 | Mzeq = 130738.1 | Myeq = 15427.8 | Ss = -813.6 ( 0.241)

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 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	99369.1	10599.8	0.0	-549.2	80.1		-578.2
12- 2	-68557.0	-11242.0	0.0	-543.4	-137.7		409.3

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-608.9	0.0	0.0	608.9
12- 2	si	13	Tz		276.7	-13.2	0.0	277.7
12-15	si	5	Ty		77.1	0.0	19.6	84.2

PROGR. 11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	92864.4	9698.4	0.0	-544.6	80.1		-578.2
12- 2	-63952.4	-9693.4	0.0	-538.8	-137.7		409.3

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-567.9	0.0	0.0	567.9
12- 2	si	13	Tz		262.1	-13.2	0.0	263.1
12-15	si	5	Ty		69.7	0.0	19.6	77.5

PROGR. 23.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	86359.8	8797.0	0.0	-540.0	80.1		-578.2
12- 2	-59347.9	-8144.8	0.0	-534.2	-137.7		409.3

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-527.0	0.0	0.0	527.0
12- 2	si	13	Tz		247.5	-13.2	0.0	248.6
12-15	si	5	Ty		62.3	0.0	19.6	71.0

PROGR. 34.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	79855.2	7895.7	0.0	-535.4	80.1		-578.2
12- 2	-54743.4	-6596.3	0.0	-529.6	-137.7		409.3

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-486.0	0.0	0.0	486.0
12- 2	si	13	Tz		232.9	-13.2	0.0	234.0
12-15	si	5	Ty		55.0	0.0	19.6	64.6

PROGR. 45.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-15	73350.7	6994.6	0.0	-530.8	80.1		-578.2
12- 2	-50139.0	-5048.0	0.0	-525.1	-137.7		409.3

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-445.0	0.0	0.0	445.0

12- 2	si	13	Tz	218.3	-13.2	0.0	219.5
12-15	si	5	Ty	47.6	0.0	19.6	58.5

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	66846.2	6093.7	0.0	-526.3	80.1	-578.2
12- 2	-45534.7	-3500.0	0.0	-520.5	-137.7	409.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	404.1
12- 2	si	13	Tz	0.0	-13.2	0.0	205.0
12-15	si	5	Ty	40.2	0.0	19.6	52.6

----- PROGR. 68.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	60341.9	5193.4	0.0	-521.7	80.1	-578.2
12- 2	-40930.5	-1952.5	0.0	-515.9	-137.7	409.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	363.1
12- 2	si	13	Tz	0.0	-13.2	0.0	190.5
12-15	si	5	Ty	32.9	0.0	19.6	47.2

----- PROGR. 79.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	53837.7	4294.9	0.0	-517.1	80.1	-578.2
12- 2	-36326.4	-406.8	0.0	-511.3	-137.7	409.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	322.2
12- 2	si	13	Tz	0.0	-13.2	0.0	175.9
12-15	si	5	Ty	25.5	0.0	19.6	42.5

----- PROGR. 90.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	33147.6	9901.2	0.0	-1580.1	-125.2	-305.0
12- 2	-31722.6	1129.7	0.0	-506.8	-137.7	409.3
12-15	47333.8	3405.6	0.0	-512.5	80.1	-578.2

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	0.0	0.0	282.7
12- 2	si	13	Tz	0.0	-13.2	0.0	161.4
12-15	si	5	Ty	18.3	0.0	19.6	38.5

## VERIFICA STABILITA` :

L0 = 90. |  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr= 3983485.8 | alfa(a)=0.2100 | ki=0.9967 |  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr= 1237519.1 | alfa(a)=0.2100 | ki=0.9565 |  
 Caso12-15 - Nodo 2 - Asse Y  
 Ned = -549.2 | Mzeq = 95356.2 | Myeq = 9094.9 | Ss = -576.4 ( 0.170 )

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	33147.6	9901.2	0.0	-1425.6	380.2	-337.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	0.0	0.0	279.7
6- 1	si	13	Tz	0.0	25.9	0.0	147.5
6- 1	si	9	Ty	-90.4	0.0	24.6	99.9

----- PROGR. 5.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	44694.3	2882.1	0.0	-405.0	101.7	-515.0
6- 1	31417.3	7952.9	0.0	-1422.9	380.2	-337.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	261.3
6- 1	si	13	Tz	0.0	-142.9	0.0	149.7
6- 1	si	9	Ty	-98.9	0.0	24.6	107.7

----- PROGR. 10.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	42054.9	2358.9	0.0	-402.9	101.7	-515.0
6- 1	29687.1	6004.6	0.0	-1420.2	380.2	-337.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	243.4
6- 1	si	13	Tz	0.0	-145.2	0.0	151.9
6- 1	si	9	Ty	-107.4	0.0	24.6	115.5

----- PROGR. 15.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	39415.4	1835.9	0.0	-400.8	101.7	-515.0
6- 1	27956.9	4056.4	0.0	-1417.4	380.2	-337.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	225.5
6- 1	si	13	Tz	0.0	-147.5	0.0	154.2
6- 1	si	9	Ty	-115.9	0.0	24.6	123.5

----- PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	36776.0	1313.2	0.0	-398.7	101.7	-515.0
6- 1	26226.7	2108.1	0.0	-1414.7	380.2	-337.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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12-15	si	2	Sx	Si	-207.5	0.0	0.0	207.5
6-1	si	13	Tz		-149.9	25.9	0.0	156.4
6-1	si	9	Ty		-124.4	0.0	24.6	131.5

PROGR.

26.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-15	34136.5	790.8	0.0	-396.6	101.7	-515.0
6-1	24496.5	159.8	0.0	-1412.0	380.2	-337.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-189.6	0.0	189.6
6-1	si	13	Tz		-152.2	25.9	0.0
6-1	si	9	Ty		-132.9	0.0	24.6

PROGR.

31.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-15	31497.1	268.8	0.0	-394.6	101.7	-515.0
6-1	22766.3	-1788.4	0.0	-1409.3	380.2	-337.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-171.7	0.0	171.7
6-1	si	13	Tz		-154.5	25.9	0.0
6-1	si	9	Ty		-141.4	0.0	24.6

PROGR.

36.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	21036.1	-3736.7	0.0	-1406.6	380.2	-337.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-166.1	0.0	166.1
6-1	si	13	Tz		-156.9	25.9	0.0
6-1	si	9	Ty		-149.9	0.0	24.6

PROGR.

41.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	19305.9	-5685.0	0.0	-1403.9	380.2	-337.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-173.3	0.0	173.3
6-1	si	13	Tz		-159.2	25.9	0.0
6-1	si	9	Ty		-158.4	0.0	24.6

## VERIFICA STABILITA` :

L0 = 41.  
 Z Lc = 41. | Ro = 5.48 | lm = 7.5 | Ncr = 19194666.9 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 41. | Ro = 3.05 | lm = 13.4 | Ncr = 5963060.7 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 12-15 - Nodo 2 - Asse Y  
 Ned = -407.1 | Mzeq = 47333.8 | Myeq = 2554.2 | Ss = -272.2 ( 0.081)

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 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	19305.9	-5685.0	0.0	-1224.9	-110.5	-375.4
12-15	26218.2	-772.0	0.0	-268.2	-15.0	-509.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-169.9	0.0	169.9
6-1	si	14	Tz		42.7	-11.2	0.0
12-15	si	5	Ty		-11.6	0.0	17.3

PROGR.

6.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	16892.7	-4974.3	0.0	-1221.5	-110.5	-375.4
12-15	22940.9	-675.5	0.0	-265.5	-15.0	-509.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-151.5	0.0	151.5
6-1	si	14	Tz		34.4	-11.2	0.0
12-15	si	5	Ty		-10.7	0.0	17.3

PROGR.

13.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	14479.4	-4263.7	0.0	-1218.1	-110.5	-375.4
12-15	19663.6	-579.0	0.0	-262.9	-15.0	-509.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-133.2	0.0	133.2
6-1	si	14	Tz		26.2	-11.2	0.0
12-15	si	5	Ty		-9.9	0.0	17.3

PROGR.

19.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	12066.2	-3553.1	0.0	-1214.6	-110.5	-375.4
12-15	16386.4	-482.5	0.0	-260.3	-15.0	-509.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-114.8	0.0	114.8
6-1	si	14	Tz		18.0	-11.2	0.0
12-15	si	5	Ty		-9.0	0.0	17.3

PROGR.

26.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
6-1	9652.9	-2842.5	0.0	-1211.2	-110.5	-375.4
12-15	13109.1	-386.0	0.0	-257.7	-15.0	-509.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	-96.5	0.0	96.5

6-1	si	14	Tz	9.8	-11.2	0.0	21.7
12-15	si	5	Ty	-8.2	0.0	17.3	31.0

----- PROGR. 32.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	7239.7	-2131.9	0.0	-1207.8	-110.5	-375.4
12-15	9831.8	-289.5	0.0	-255.1	-15.0	-509.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-78.1	0.0	0.0	78.1
6-1	si	14	Tz	Ty	1.6	-11.2	0.0	19.5
12-15	si	5	Ty	Si	-7.3	0.0	17.3	30.8

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	4826.5	-1421.2	0.0	-1204.4	-110.5	-375.4
12-15	6554.5	-193.0	0.0	-252.5	-15.0	-509.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-59.8	0.0	0.0	59.8
6-1	si	14	Tz	Ty	-6.7	-11.2	0.0	20.5
12-15	si	5	Ty	Si	-6.5	0.0	17.3	30.6

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	2413.2	-710.6	0.0	-1201.0	-110.5	-375.4
12-15	3277.3	-96.5	0.0	-249.9	-15.0	-509.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	Si	-41.4	0.0	0.0	41.4
6-1	si	14	Tz	Ty	-14.9	-11.2	0.0	24.5
12-15	si	5	Ty	Si	-5.6	0.0	17.3	30.4

----- PROGR. 51.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-1197.6	-110.5	-375.4
12-15	0.0	0.0	0.0	-247.2	-15.0	-509.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	2	Sx	Si	-23.1	0.0	0.0	23.1
6-1	si	14	Tz	Ty	-23.1	-11.2	0.0	30.2
12-15	si	5	Ty	Si	-4.8	0.0	17.3	30.3
6-1	si	6	Si	Si	-23.1	0.0	12.7	31.9

## VERIFICA STABILITA` :

L0 = 51. |  
 Z | Lc = 51. | Ro = 5.48 | lm = 9.4 | Ncr= 12199221.9 | alfa(a)=0.2100 | ki=1.0000 |  
 Y | Lc = 51. | Ro = 3.05 | lm = 16.8 | Ncr= 3789839.2 | alfa(a)=0.2100 | ki=0.9955 |  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -1224.9 | Mzeq = 11583.5 | Myeq = -3411.0 | Ss = -111.5 ( 0.033 )

CASSONE\_S001 ( 1 ) stato limite ultimo - ASTA ( 41- 50 ) 166  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	142800.8	19614.8	0.0	-622.1	97.4	-527.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-908.1	0.0	0.0	908.1
12-15	si	13	Tz	Ty	-632.3	12.5	0.0	632.6
12-15	si	5	Ty	Si	150.2	0.0	17.9	153.4

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	136865.2	18519.7	0.0	-617.5	97.4	-527.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-868.4	0.0	0.0	868.4
12-15	si	13	Tz	Ty	-608.0	12.5	0.0	608.4
12-15	si	5	Ty	Si	141.3	0.0	17.9	144.6

----- PROGR. 22.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	130929.6	17424.5	0.0	-613.0	97.4	-527.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-828.8	0.0	0.0	828.8
12-15	si	13	Tz	Ty	-583.8	12.5	0.0	584.2
12-15	si	5	Ty	Si	132.3	0.0	17.9	135.9

----- PROGR. 34.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	124994.0	16329.4	0.0	-608.4	97.4	-527.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-789.1	0.0	0.0	789.1
12-15	si	13	Tz	Ty	-559.5	12.5	0.0	559.9
12-15	si	5	Ty	Si	123.3	0.0	17.9	127.1

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	119058.4	15234.4	0.0	-603.8	97.4	-527.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-749.5	0.0	0.0	749.5
12-15	si	13	Tz	Ty	-535.3	12.5	0.0	535.7
12-15	si	5	Ty	Si	114.4	0.0	17.9	118.5

----- PROGR. 56.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 113122.8 14139.3 0.0 -599.2 97.4 -527.6

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -709.8 0.0 0.0 709.8  
 12-15 si|13| Tz -511.0 12.5 0.0 511.5  
 12-15 si|5| Ty 105.4 0.0 17.9 109.8

68.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 107187.2 13044.3 0.0 -594.7 97.4 -527.6

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -670.2 0.0 0.0 670.2  
 12-15 si|13| Tz -486.8 12.5 0.0 487.2  
 12-15 si|5| Ty 96.4 0.0 17.9 101.3

79.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 101251.6 11949.3 0.0 -590.1 97.4 -527.6

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -630.5 0.0 0.0 630.5  
 12-15 si|13| Tz -462.5 12.5 0.0 463.0  
 12-15 si|5| Ty 87.4 0.0 17.9 92.8

90.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 95316.0 10854.4 0.0 -585.5 97.4 -527.6

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -590.9 0.0 0.0 590.9  
 12-15 si|13| Tz -438.3 12.5 0.0 438.8  
 12-15 si|5| Ty 78.5 0.0 17.9 84.4

VERIFICA STABILITA` :

L0 = 90.  
 Z Lc = 90. Ro = 5.48 lm = 16.4 Ncr= 3983485.8 alfa(a)=0.2100 ki=0.9967  
 Y Lc = 90. Ro = 3.05 lm = 29.5 Ncr= 1237519.1 alfa(a)=0.2100 ki=0.9565  
 Caso12-15 - Nodo 2 - Asse Y  
 Ned = -622.1 Mzeq = 123806.9 Myeq = 16110.6 Ss = -782.2 ( 0.231)

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 ----- PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 95316.0 10854.4 0.0 -481.3 118.1 -525.5

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -588.9 0.0 0.0 588.9  
 12-15 si|13| Tz -436.3 13.6 0.0 436.9  
 12-15 si|5| Ty 80.5 0.0 17.8 86.2

11.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 89403.8 9526.6 0.0 -476.7 118.1 -525.5

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -547.4 0.0 0.0 547.4  
 12-15 si|13| Tz -413.5 13.6 0.0 414.1  
 12-15 si|5| Ty 69.6 0.0 17.8 76.1

23.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 83491.5 8198.8 0.0 -472.1 118.1 -525.5

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -506.0 0.0 0.0 506.0  
 12-15 si|13| Tz -390.7 13.6 0.0 391.4  
 12-15 si|5| Ty 58.7 0.0 17.8 66.3

34.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 77579.3 6871.2 0.0 -467.5 118.1 -525.5

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -464.5 0.0 0.0 464.5  
 12-15 si|13| Tz -367.9 13.6 0.0 368.7  
 12-15 si|5| Ty 47.8 0.0 17.8 56.9

45.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 71667.1 5543.7 0.0 -463.0 118.1 -525.5

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -423.1 0.0 0.0 423.1  
 12-15 si|13| Tz -345.1 13.6 0.0 345.9  
 12-15 si|5| Ty 36.9 0.0 17.8 48.1

56.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-15 65754.9 4216.6 0.0 -458.4 118.1 -525.5

TENSIONI (Sz= 0.00) :  
 Caso Ve|No|massimi Sx Tz Ty Si  
 12-15 si|2|Sx Si -381.6 0.0 0.0 381.6  
 12-15 si|13| Tz -322.3 13.6 0.0 323.2  
 12-15 si|5| Ty 26.0 0.0 17.8 40.3

----- SOLLECITAZIONI : 68. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
12-15	59842.6	2890.1	0.0	-453.8	118.1	-525.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	340.2
12-15	si	13	Tz		-299.5	13.6	0.0
12-15	si	5	Ty		15.1	0.0	17.8

----- SOLLECITAZIONI : 79. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
12-15	53930.4	1565.0	0.0	-449.2	118.1	-525.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-298.7	0.0	298.7
12-15	si	13	Tz		-276.7	13.6	0.0
12-15	si	5	Ty		4.3	0.0	17.8

----- SOLLECITAZIONI : 90. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
12-15	48018.2	244.3	0.0	-444.7	118.1	-525.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-257.4	0.0	257.4
12-15	si	13	Tz		-253.9	13.6	0.0
12-15	si	5	Ty		-6.6	0.0	17.8

VERIFICA STABILITA` :

L0 = 90. |  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967 |  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565 |  
 Caso12-15 - Nodo 2 - Asse Y  
 Ned = -481.3 | Mzeq = 93167.2 | Myeq = 8140.8 | Ss = -555.9 ( 0.164 )

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Caso	MZ	MY	MT	N	TZ	TY
12-15	48018.2	244.3	0.0	-340.4	-60.4	-521.8
6- 1	36486.7	-3972.6	0.0	-1439.2	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-255.3	0.0	255.3
6- 1	si	14	Tz		136.7	-22.7	0.0
6- 1	si	10	Ty		-154.3	0.0	22.2
12-15	si	15	Si		-254.7	-10.3	0.0

----- SOLLECITAZIONI : 5. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
12-15	45344.1	552.1	0.0	-338.4	-60.4	-521.8
6- 1	34571.4	-2353.1	0.0	-1436.5	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-244.1	0.0	244.1
6- 1	si	14	Tz		136.3	-22.7	0.0
6- 1	si	10	Ty		-159.3	0.0	22.2

----- SOLLECITAZIONI : 10. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
12-15	42670.0	859.9	0.0	-336.3	-60.4	-521.8
6- 1	32656.0	-733.5	0.0	-1433.8	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-232.9	0.0	232.9
6- 1	si	14	Tz		135.9	-22.7	0.0
6- 1	si	10	Ty		-164.2	0.0	22.2

----- SOLLECITAZIONI : 15. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
12-15	39996.0	1168.0	0.0	-334.2	-60.4	-521.8
6- 1	30740.7	886.0	0.0	-1431.1	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-221.6	0.0	221.6
6- 1	si	14	Tz		135.5	-22.7	0.0
6- 1	si	10	Ty		-169.2	0.0	22.2

----- SOLLECITAZIONI : 20. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
12-15	37321.9	1476.2	0.0	-332.1	-60.4	-521.8
6- 1	28825.3	2505.6	0.0	-1428.4	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	-210.4	0.0	210.4
6- 1	si	14	Tz		135.1	-22.7	0.0
6- 1	si	10	Ty		-174.2	0.0	22.2

----- SOLLECITAZIONI : 26. PROGR.

Caso	MZ	MY	MT	N	TZ	TY
6- 1	26910.0	4125.1	0.0	-1425.7	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	Si	-199.9	0.0	199.9
6- 1	si	14	Tz		134.7	-22.7	0.0
6- 1	si	10	Ty		-179.2	0.0	22.2

----- SOLLECITAZIONI : 31. PROGR.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	24994.6	5744.6	0.0	-1423.0	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-203.4	0.0	203.4
6-1	si	14	Tz		134.3	-22.7	139.9
6-1	si	10	Ty		-184.1	0.0	188.1

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	23079.2	7364.2	0.0	-1420.3	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-206.9	0.0	206.9
6-1	si	14	Tz		133.8	-22.7	139.5
6-1	si	10	Ty		-189.1	0.0	193.0

PROGR. 41.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	21163.9	8983.7	0.0	-1417.5	-316.0	-373.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-210.4	0.0	210.4
6-1	si	14	Tz		133.4	-22.7	139.1
6-1	si	10	Ty		-194.1	0.0	197.9

## VERIFICA STABILITA` :

L0 = 41.  
 Z Lc = 41. | Ro = 5.48 | lm = 7.5 | Ncr = 19194666.9 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 41. | Ro = 3.05 | lm = 13.4 | Ncr = 5963060.7 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 12-15 - Nodo 2 - Asse Y  
 Ned = -340.4 | Mzeq = 48018.2 | Myeq = 2035.4 | Ss = -270.2 ( 0.080)

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 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	21163.9	8983.7	0.0	-1238.5	174.7	-411.5
12-15	26625.6	2713.8	0.0	-201.5	52.8	-517.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-206.9	0.0	206.9
6-1	si	13	Tz		-80.6	15.3	84.9
12-15	si	5	Ty		18.6	0.0	17.5

PROGR. 6.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18518.4	7860.8	0.0	-1235.1	174.7	-411.5
12-15	23297.4	2374.6	0.0	-198.9	52.8	-517.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-184.0	0.0	184.0
6-1	si	13	Tz		-73.5	15.3	78.1
12-15	si	5	Ty		15.8	0.0	17.5

PROGR. 13.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15872.9	6737.8	0.0	-1231.7	174.7	-411.5
12-15	19969.2	2035.4	0.0	-196.3	52.8	-517.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-161.1	0.0	161.1
6-1	si	13	Tz		-66.3	15.3	71.4
12-15	si	5	Ty		13.0	0.0	17.5

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13227.4	5614.8	0.0	-1228.3	174.7	-411.5
12-15	16641.0	1696.1	0.0	-193.7	52.8	-517.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-138.1	0.0	138.1
6-1	si	13	Tz		-59.2	15.3	64.8
12-15	si	5	Ty		10.3	0.0	17.5

PROGR. 26.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	10581.9	4491.9	0.0	-1224.9	174.7	-411.5
12-15	13312.8	1356.9	0.0	-191.1	52.8	-517.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-115.2	0.0	115.2
6-1	si	13	Tz		-52.0	15.3	58.4
12-15	si	5	Ty		7.5	0.0	17.5

PROGR. 32.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	7936.5	3368.9	0.0	-1221.5	174.7	-411.5
12-15	9984.6	1017.7	0.0	-188.4	52.8	-517.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-92.2	0.0	92.2
6-1	si	13	Tz		-44.8	15.3	52.1
12-15	si	5	Ty		4.8	0.0	17.5

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	5291.0	2245.9	0.0	-1218.1	174.7	-411.5

12-15	6656.4	678.5	0.0	-185.8	52.8	-517.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6-1	si	2	Sx	Si	0.0	0.0
6-1	si	13	Tz		15.3	0.0
12-15	si	5	Ty		2.0	0.0
-----						
						45.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6-1	2645.5	1123.0	0.0	-1214.7	174.7	-411.5
12-15	3328.2	339.2	0.0	-183.2	52.8	-517.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6-1	si	2	Sx	Si	0.0	0.0
6-1	si	13	Tz		15.3	0.0
12-15	si	5	Ty		-0.7	0.0
-----						
						51.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-1211.3	174.7	-411.5
12-15	0.0	0.0	0.0	-180.6	52.8	-517.7
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
6-1	si	1	Sx	Si	0.0	0.0
6-1	si	13	Tz		15.3	0.0
12-15	si	5	Ty		-3.5	0.0
6-1	si	9	Si		-23.4	0.0
-----						
						170

VERIFICA STABILITA` :

L0 =	51.					
Z	Lc =	51.	Ro =	5.48	lm =	9.4
Y	Lc =	51.	Ro =	3.05	lm =	16.8
Caso 6-1 - Nodo 2 - Asse Y						
Ned = -1238.5   Mzeq = 12698.3   Myeq = 5390.2   Ss = -133.9 ( 0.040)						

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SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-9	133400.0	7440.7	0.0	-752.8	41.4	-501.8
12-11	110319.9	17902.9	0.0	-710.2	93.5	-416.8
12-10	134042.5	5098.1	0.0	-753.2	29.8	-504.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-11	si	13	Tz		10.8	0.0
12-10	si	5	Ty		27.6	0.0
-----						
						11.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-9	127755.0	6974.8	0.0	-748.2	41.4	-501.8
12-11	105630.8	16851.4	0.0	-705.6	93.5	-416.8
12-10	128367.1	4763.1	0.0	-748.6	29.8	-504.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-11	si	13	Tz		10.8	0.0
12-10	si	5	Ty		25.0	0.0
-----						
						22.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-9	122110.0	6508.9	0.0	-743.6	41.4	-501.8
12-11	100941.7	15799.8	0.0	-701.1	93.5	-416.8
12-10	122691.6	4428.1	0.0	-744.0	29.8	-504.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-11	si	13	Tz		10.8	0.0
12-10	si	5	Ty		22.3	0.0
-----						
						34.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-9	116465.0	6043.0	0.0	-739.0	41.4	-501.8
12-11	96252.6	14748.3	0.0	-696.5	93.5	-416.8
12-10	117016.1	4093.1	0.0	-739.4	29.8	-504.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-11	si	13	Tz		10.8	0.0
12-10	si	5	Ty		19.6	0.0
-----						
						45.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-9	110820.1	5577.1	0.0	-734.5	41.4	-501.8
12-11	91563.5	13696.8	0.0	-691.9	93.5	-416.8
12-10	111340.7	3758.1	0.0	-734.8	29.8	-504.5
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-11	si	13	Tz		10.8	0.0
12-10	si	5	Ty		16.9	0.0
-----						
						56.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
12-9	105175.1	5111.1	0.0	-729.9	41.4	-501.8
12-11	86874.3	12645.3	0.0	-687.3	93.5	-416.8
12-10	105665.2	3423.1	0.0	-730.3	29.8	-504.5
TENSIONI (Sz= 0.00) :						



Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-596.8	0.0	0.0	596.8
12-11	si	13	Tz	-386.5	10.8	0.0	386.9
12-10	si	5	Ty	14.2	0.0	17.1	32.8

----- PROGR. 68.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	99530.1	4645.2	0.0	-725.3	41.4	-501.8
12-11	82185.2	11593.8	0.0	-682.7	93.5	-416.8
12-10	99989.8	3088.0	0.0	-725.7	29.8	-504.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-563.9	0.0	0.0	563.9
12-11	si	13	Tz	-368.4	10.8	0.0	368.9
12-10	si	5	Ty	11.5	0.0	17.1	31.8

----- PROGR. 79.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	93885.1	4179.2	0.0	-720.7	41.4	-501.8
12-11	77496.1	10542.4	0.0	-678.2	93.5	-416.8
12-10	94314.3	2752.9	0.0	-721.1	29.8	-504.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-530.9	0.0	0.0	530.9
12-11	si	13	Tz	-350.3	10.8	0.0	350.8
12-10	si	5	Ty	8.9	0.0	17.1	30.9

----- PROGR. 90.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	88240.1	3713.1	0.0	-716.1	41.4	-501.8
12-11	72807.0	9491.0	0.0	-673.6	93.5	-416.8
12-10	88638.9	2417.8	0.0	-716.5	29.8	-504.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-498.0	0.0	0.0	498.0
12-11	si	13	Tz	-332.2	10.8	0.0	332.7
12-10	si	5	Ty	6.2	0.0	17.1	30.2

## VERIFICA STABILITA` :

L0 = 90. |  
 Z |Lc = 90. |Ro = 5.48 |lm = 16.4 |Ncr= 3983485.8 |alfa(a )=0.2100 |ki=0.9967 |  
 Y |Lc = 90. |Ro = 3.05 |lm = 29.5 |Ncr= 1237519.1 |alfa(a )=0.2100 |ki=0.9565 |  
 Caso12- 9 - Nodo 2 - Asse Y  
 Ned = -752.8 |Mzeq = 115336.1 |Myeq = 5949.7 |Ss = -657.2 ( 0.194)

CASSONE\_S001 ( 1) stato limite ultimo - ASTA ( 49- 55) 171  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	88240.1	3713.1	0.0	-612.6	28.8	-483.4
11- 7	60570.6	-10121.2	0.0	-627.5	-104.5	-332.5
12-10	88638.9	2417.8	0.0	-613.0	16.4	-485.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-496.0	0.0	0.0	496.0
11- 7	si	14	Tz	240.6	-10.3	0.0	241.2
12-10	si	5	Ty	8.2	0.0	16.5	29.7

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	82801.4	3389.0	0.0	-608.0	28.8	-483.4
11- 7	56829.8	-8947.1	0.0	-622.9	-104.5	-332.5
12-10	83172.1	2232.5	0.0	-608.4	16.4	-485.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-465.3	0.0	0.0	465.3
11- 7	si	14	Tz	228.2	-10.3	0.0	228.9
12-10	si	5	Ty	6.7	0.0	16.5	29.3

----- PROGR. 23.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	77362.7	3064.7	0.0	-603.4	28.8	-483.4
11- 7	53089.0	-7773.6	0.0	-618.3	-104.5	-332.5
12-10	77705.3	2047.0	0.0	-603.8	16.4	-485.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-434.5	0.0	0.0	434.5
11- 7	si	14	Tz	215.9	-10.3	0.0	216.6
12-10	si	5	Ty	5.3	0.0	16.5	29.0

----- PROGR. 34.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	71924.1	2740.2	0.0	-598.8	28.8	-483.4
11- 7	49348.2	-6600.7	0.0	-613.7	-104.5	-332.5
12-10	72238.5	1861.4	0.0	-599.2	16.4	-485.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx Si	-403.8	0.0	0.0	403.8
11- 7	si	14	Tz	203.5	-10.3	0.0	204.3
12-10	si	5	Ty	3.8	0.0	16.5	28.8

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	66485.4	2415.4	0.0	-594.3	28.8	-483.4
11- 7	45607.4	-5429.0	0.0	-609.2	-104.5	-332.5
12-10	66771.7	1675.4	0.0	-594.7	16.4	-485.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-9	si	2	Sx	Si	-373.1	0.0	0.0	373.1
11-7	si	14	Tz		191.2	-10.3	0.0	192.0
12-10	si	5	Ty		2.4	0.0	16.5	28.6

----- PROGR. 56.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-9		61046.7	2090.0	0.0	-589.7	28.8	-483.4
11-7		41866.6	-4259.3	0.0	-604.6	-104.5	-332.5
12-10		61304.9	1488.8	0.0	-590.1	16.4	-485.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-342.4	0.0	342.4
11-7	si	14	Tz		178.8	-10.3	0.0
12-10	si	5	Ty		0.9	0.0	16.5

----- PROGR. 68.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-9		55608.0	1763.5	0.0	-585.1	28.8	-483.4
11-7		38125.8	-3093.0	0.0	-600.0	-104.5	-332.5
12-10		55838.0	1301.2	0.0	-585.5	16.4	-485.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-311.6	0.0	311.6
11-7	si	14	Tz		166.4	-10.3	0.0
12-10	si	5	Ty		-0.5	0.0	16.5

----- PROGR. 79.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-9		50169.3	1434.7	0.0	-580.5	28.8	-483.4
11-7		34385.0	-1934.7	0.0	-595.4	-104.5	-332.5
12-10		50371.2	1111.2	0.0	-580.9	16.4	-485.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-280.9	0.0	280.9
11-7	si	14	Tz		154.0	-10.3	0.0
12-10	si	5	Ty		-2.0	0.0	16.5

----- PROGR. 90.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-9		44730.6	1099.0	0.0	-576.0	28.8	-483.4
11-7		30644.2	-799.6	0.0	-590.8	-104.5	-332.5
12-10		44904.4	914.3	0.0	-576.3	16.4	-485.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-250.1	0.0	250.1
11-7	si	14	Tz		141.4	-10.3	0.0
12-10	si	5	Ty		-3.6	0.0	16.5

## VERIFICA STABILITA` :

L0 = 90.0  
 Z | Lc = 90.0 | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967  
 Y | Lc = 90.0 | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565  
 Caso 12-9 - Nodo 2 - Asse Y  
 Ned = -612.6 | Mzeq = 86431.0 | Myeq = 3137.1 | Ss = -482.5 ( 0.143)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-9		44730.6	1099.0	0.0	-472.4	81.4	-483.8
6-1		31158.6	3781.0	0.0	-1093.5	302.9	-316.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-248.1	0.0	248.1
6-1	si	13	Tz		-159.3	21.2	0.0
6-1	si	9	Ty		-125.9	0.0	20.5

----- PROGR. 5.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-9		42251.4	681.8	0.0	-470.3	81.4	-483.8
6-1		29539.2	2228.7	0.0	-1090.8	302.9	-316.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-231.8	0.0	231.8
6-1	si	13	Tz		-159.9	21.2	0.0
6-1	si	9	Ty		-131.6	0.0	20.5

----- PROGR. 10.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-9		39772.1	264.5	0.0	-468.2	81.4	-483.8
6-1		27919.9	676.4	0.0	-1088.1	302.9	-316.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-215.6	0.0	215.6
6-1	si	13	Tz		-160.5	21.2	0.0
6-1	si	9	Ty		-137.3	0.0	20.5

----- PROGR. 15.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-10		37434.2	-293.1	0.0	-466.5	78.5	-485.9
6-1		26300.5	-876.0	0.0	-1085.4	302.9	-316.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	Si	-203.8	0.0	203.8
6-1	si	13	Tz		-161.2	21.2	0.0
6-1	si	9	Ty		-143.1	0.0	20.5
12-10	si	13	Si		-203.1	10.9	0.0

----- PROGR. 20.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12-10	34944.1	-695.4	0.0	-464.4	78.5	-485.9
6-1	24681.2	-2428.3	0.0	-1082.6	302.9	-316.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	Si	0.0	0.0	194.3
6-1	si	13	Tz		21.2	0.0	165.9
6-1	si	9	Ty		0.0	20.5	152.9

PROGR. 26.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
12-10	32454.0	-1097.0	0.0	-462.4	78.5	-485.9
6-1	23061.9	-3980.6	0.0	-1079.9	302.9	-316.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	Si	0.0	0.0	184.8
6-1	si	13	Tz		21.2	0.0	166.5
6-1	si	9	Ty		0.0	20.5	158.5

PROGR. 31.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	21442.5	-5533.0	0.0	-1077.2	302.9	-316.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	0.0	0.0	176.7
6-1	si	13	Tz		21.2	0.0	167.1
6-1	si	9	Ty		0.0	20.5	164.1

PROGR. 36.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	19823.2	-7085.3	0.0	-1074.5	302.9	-316.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	0.0	0.0	181.2
6-1	si	13	Tz		21.2	0.0	167.7
6-1	si	9	Ty		0.0	20.5	169.7

PROGR. 41.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	18203.8	-8637.6	0.0	-1071.8	302.9	-316.0

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	0.0	0.0	185.7
6-1	si	13	Tz		21.2	0.0	168.3
6-1	si	9	Ty		0.0	20.5	175.3

VERIFICA STABILITA` :

L0 = 41.  
Z Lc = 41. | Ro = 5.48 | lm = 7.5 | Ncr = 19194666.9 | alfa(a) = 0.2100 | ki = 1.0000  
Y Lc = 41. | Ro = 3.05 | lm = 13.4 | Ncr = 5963060.7 | alfa(a) = 0.2100 | ki = 1.0000  
Caso12-10 - Nodo 1 - Asse Y  
Ned = -472.8 | Mzeq = 44904.4 | Myeq = -1748.9 | Ss = -254.3 ( 0.075)

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PROGR. 0.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	18203.8	-8637.6	0.0	-891.8	-168.0	-354.0
12-10	24983.8	-2331.9	0.0	-333.2	-45.3	-485.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	0.0	0.0	182.2
6-1	si	14	Tz		-14.2	0.0	36.0
12-10	si	5	Ty		0.0	16.5	38.4

PROGR. 6.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	15928.4	-7557.9	0.0	-888.4	-168.0	-354.0
12-10	21860.8	-2040.4	0.0	-330.6	-45.3	-485.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	0.0	0.0	161.5
6-1	si	14	Tz		-14.2	0.0	32.3
12-10	si	5	Ty		0.0	16.5	36.8

PROGR. 13.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	13652.9	-6478.2	0.0	-885.0	-168.0	-354.0
12-10	18737.9	-1748.9	0.0	-328.0	-45.3	-485.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	0.0	0.0	140.8
6-1	si	14	Tz		15.6	0.0	29.1
12-10	si	5	Ty		-20.8	0.0	35.3

PROGR. 19.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
6-1	11377.4	-5398.5	0.0	-881.6	-168.0	-354.0
12-10	15614.9	-1457.4	0.0	-325.4	-45.3	-485.8

TENSIONI (Sz= 0.00) :  

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	Si	0.0	0.0	120.1
6-1	si	14	Tz		10.2	0.0	26.6
12-10	si	5	Ty		-18.3	0.0	33.9

PROGR. 26.

SOLLECITAZIONI :  

Caso	MZ	MY	MT	N	TZ	TY
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6-1	9101.9	-4318.8	0.0	-878.2	-168.0	-354.0
12-10	12491.9	-1165.9	0.0	-322.8	-45.3	-485.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-99.4	0.0	0.0	99.4
6-1	si	14	Tz	4.8	-14.2	0.0	25.0
12-10	si	5	Ty	-15.9	0.0	16.5	32.6

PROGR.

32.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	6826.4	-3239.1	0.0	-874.8	-168.0	-354.0
12-10	9368.9	-874.5	0.0	-320.1	-45.3	-485.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-78.7	0.0	0.0	78.7
6-1	si	14	Tz	-0.5	-14.2	0.0	24.5
12-10	si	5	Ty	-13.4	0.0	16.5	31.5

PROGR.

39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	4551.0	-2159.4	0.0	-871.4	-168.0	-354.0
12-10	6246.0	-583.0	0.0	-317.5	-45.3	-485.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-58.1	0.0	0.0	58.1
6-1	si	14	Tz	-5.9	-14.2	0.0	25.2
12-10	si	5	Ty	-10.9	0.0	16.5	30.5

PROGR.

45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	2275.5	-1079.7	0.0	-868.0	-168.0	-354.0
12-10	3123.0	-291.5	0.0	-314.9	-45.3	-485.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-37.4	0.0	0.0	37.4
6-1	si	14	Tz	-11.3	-14.2	0.0	27.0
12-10	si	5	Ty	-8.5	0.0	16.5	29.7

PROGR.

51.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-864.6	-168.0	-354.0
12-10	0.0	0.0	0.0	-312.3	-45.3	-485.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-16.7	0.0	0.0	16.7
6-1	si	14	Tz	-16.7	-14.2	0.0	29.7
12-10	si	5	Ty	-6.0	0.0	16.5	29.1
6-1	si	10	Si	-16.7	0.0	14.8	30.5

VERIFICA STABILITA` :

L0 = 51.  
 Z Lc = 51. | Ro = 5.48 | lm = 9.4 | Ncr = 12199221.9 | alfa(a) = 0.2100 | ki = 1.0000  
 Y Lc = 51. | Ro = 3.05 | lm = 16.8 | Ncr = 3789839.2 | alfa(a) = 0.2100 | ki = 0.9955  
 Caso 6-1 - Nodo 1 - Asse Y  
 Ned = -891.8 | Mzeq = 10922.3 | Myeq = -5182.6 | Ss = -116.3 ( 0.034)

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 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	129246.8	8190.3	0.0	-673.4	43.7	-475.1
12-11	99887.5	18687.9	0.0	-619.9	94.8	-367.3
12-10	132745.3	5860.4	0.0	-679.2	32.4	-488.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	-744.9	0.0	0.0	744.9
12-11	si	13	Tz	-417.1	10.2	0.0	417.4
12-10	si	5	Ty	35.4	0.0	16.5	45.5

PROGR.

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	123901.9	7698.1	0.0	-668.8	43.7	-475.1
12-11	95754.9	17621.2	0.0	-615.3	94.8	-367.3
12-10	127251.8	5495.8	0.0	-674.6	32.4	-488.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	-713.3	0.0	0.0	713.3
12-11	si	13	Tz	-401.9	10.2	0.0	402.3
12-10	si	5	Ty	32.4	0.0	16.5	43.3

PROGR.

22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	118556.9	7205.9	0.0	-664.2	43.7	-475.1
12-11	91622.3	16554.5	0.0	-610.7	94.8	-367.3
12-10	121758.2	5131.2	0.0	-670.1	32.4	-488.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	-681.6	0.0	0.0	681.6
12-11	si	13	Tz	-386.8	10.2	0.0	387.2
12-10	si	5	Ty	29.5	0.0	16.5	41.1

PROGR.

34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	113211.9	6713.6	0.0	-659.6	43.7	-475.1
12-11	87489.7	15487.7	0.0	-606.1	94.8	-367.3
12-10	116264.6	4766.6	0.0	-665.5	32.4	-488.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12- 9	si	2	Sx	Si	-650.0	0.0	0.0	650.0
12-11	si	13	Tz		-371.6	10.2	0.0	372.0
12-10	si	5	Ty		26.6	0.0	16.5	39.1

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	107866.9	6221.4	0.0	-655.1	43.7	-475.1
12-11	83357.1	14421.0	0.0	-601.5	94.8	-367.3
12-10	110771.0	4401.9	0.0	-660.9	32.4	-488.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12- 9	si	2	Sx	Si	-618.4	0.0	618.4
12-11	si	13	Tz		-356.5	10.2	0.0
12-10	si	5	Ty		23.7	0.0	16.5

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	105277.4	4037.3	0.0	-656.3	32.4	-488.3
12-11	79224.5	13354.3	0.0	-597.0	94.8	-367.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-587.1	0.0	587.1
12-11	si	13	Tz		-341.3	10.2	0.0
12-10	si	5	Ty		20.7	0.0	16.5

----- PROGR. 68.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	99783.8	3672.7	0.0	-651.8	32.4	-488.3
12-11	75091.9	12287.7	0.0	-592.4	94.8	-367.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-555.7	0.0	555.7
12-11	si	13	Tz		-326.2	10.2	0.0
12-10	si	5	Ty		17.8	0.0	16.5

----- PROGR. 79.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	94290.3	3308.0	0.0	-647.2	32.4	-488.3
12-11	70959.3	11221.0	0.0	-587.8	94.8	-367.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-524.4	0.0	524.4
12-11	si	13	Tz		-311.0	10.2	0.0
12-10	si	5	Ty		14.9	0.0	16.5

----- PROGR. 90.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	88796.7	2943.3	0.0	-642.6	32.4	-488.3
12-11	66826.7	10154.4	0.0	-583.2	94.8	-367.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-493.0	0.0	493.0
12-11	si	13	Tz		-295.9	10.2	0.0
12-10	si	5	Ty		11.9	0.0	16.5

## VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565  
 Caso 12- 9 - Nodo 2 - Asse Y  
 Ned = -673.4 | Mzeq = 112142.9 | Myeq = 6615.1 | Ss = -644.7 ( 0.191)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	88796.7	2943.3	0.0	-540.3	61.6	-487.7
12-11	66826.7	10154.4	0.0	-480.9	135.5	-366.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-491.1	0.0	491.1
12-11	si	13	Tz		-293.9	12.5	0.0
12-10	si	5	Ty		13.9	0.0	16.5

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	83310.3	2250.1	0.0	-535.7	61.6	-487.7
12-11	62698.9	8629.8	0.0	-476.3	135.5	-366.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-457.1	0.0	457.1
12-11	si	13	Tz		-281.4	12.5	0.0
12-10	si	5	Ty		8.3	0.0	16.5

----- PROGR. 23.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	77823.9	1556.8	0.0	-531.1	61.6	-487.7
12-11	58571.0	7105.2	0.0	-471.8	135.5	-366.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-423.0	0.0	423.0
12-11	si	13	Tz		-268.9	12.5	0.0
12-10	si	5	Ty		2.6	0.0	16.5

----- PROGR. 34.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	72337.5	863.5	0.0	-526.5	61.6	-487.7
12-11	54443.1	5580.6	0.0	-467.2	135.5	-366.9

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TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	2	Sx	Si	-389.0	0.0	0.0	389.0
12-11	si	13	Tz		-256.5	12.5	0.0	257.4
12-10	si	5	Ty		-3.0	0.0	16.5	28.8

PROGR. 45.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		66851.1	170.2	0.0	-522.0	61.6	-487.7
12-11		50315.3	4056.2	0.0	-462.6	135.5	-366.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	2	Sx	Si	-355.0	0.0	0.0	355.0
12-11	si	13	Tz		-244.0	12.5	0.0	245.0
12-10	si	5	Ty		-8.7	0.0	16.5	29.9

PROGR. 56.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		61364.7	-523.1	0.0	-517.4	61.6	-487.7
12-11		46187.4	2532.0	0.0	-458.0	135.5	-366.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	1	Sx	Si	-329.6	0.0	0.0	329.6
12-11	si	13	Tz		-231.5	12.5	0.0	232.5
12-10	si	5	Ty		-14.3	0.0	16.5	32.0

PROGR. 68.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		55878.3	-1216.5	0.0	-512.8	61.6	-487.7
12-11		42059.6	1008.2	0.0	-453.4	135.5	-366.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	1	Sx	Si	-307.1	0.0	0.0	307.1
12-11	si	13	Tz		-219.0	12.5	0.0	220.1
12-10	si	5	Ty		-20.0	0.0	16.5	34.9

PROGR. 79.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		50391.9	-1909.7	0.0	-508.2	61.6	-487.7
12-11		37931.7	-514.1	0.0	-448.9	135.5	-366.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	1	Sx	Si	-284.6	0.0	0.0	284.6
12-11	si	13	Tz		-206.6	12.5	0.0	207.7
12-10	si	5	Ty		-25.6	0.0	16.5	38.4

PROGR. 90.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		44905.5	-2536.2	0.0	-503.7	61.6	-487.7
12-11		33803.8	-1961.1	0.0	-444.3	135.5	-366.9

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	1	Sx	Si	-261.5	0.0	0.0	261.5
12-11	si	13	Tz		-193.6	12.5	0.0	194.8
12-10	si	5	Ty		-30.7	0.0	16.5	42.0

## VERIFICA STABILITA` :

L0 = 90.0  
 Z Lc = 90.0 | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967  
 Y Lc = 90.0 | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565  
 Caso 12-10 - Nodo 2 - Asse Y  
 Ned = -540.3 | Mzeq = 86906.4 | Myeq = 2207.5 | Ss = -475.8 ( 0.141)

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 PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		44905.5	-2536.2	0.0	-401.3	-97.0	-486.5
6- 1		26589.2	-9533.3	0.0	-1062.2	-365.1	-266.5

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	1	Sx	Si	-259.5	0.0	0.0	259.5
6- 1	si	14	Tz		61.0	-24.1	0.0	73.9
6- 1	si	10	Ty		-57.8	0.0	22.5	69.7

PROGR. 5.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		42412.0	-2088.3	0.0	-399.2	-97.0	-486.5
6- 1		25223.3	-7662.0	0.0	-1059.4	-365.1	-266.5

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	1	Sx	Si	-242.9	0.0	0.0	242.9
6- 1	si	14	Tz		64.8	-24.1	0.0	77.1
6- 1	si	10	Ty		-67.2	0.0	22.5	77.7

PROGR. 10.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		39918.5	-1601.4	0.0	-397.2	-97.0	-486.5
6- 1		23857.3	-5790.7	0.0	-1056.7	-365.1	-266.5

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	1	Sx	Si	-226.0	0.0	0.0	226.0
6- 1	si	14	Tz		68.7	-24.1	0.0	80.4
6- 1	si	10	Ty		-76.7	0.0	22.5	86.0

PROGR. 15.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-10		37425.0	-1105.8	0.0	-395.1	-97.0	-486.5

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6-1			22491.3		-3919.4	0.0	-1054.0	-365.1	-266.5
TENSIONI (Sz= 0.00) :									
Caso	Ve	No	massimi	Sx	Tz	Ty	Si		
12-10	si	1	Sx	Si	0.0	0.0	209.1		
6-1	si	14	Tz		72.6	-24.1	0.0	83.7	
6-1	si	10	Ty		-86.2	0.0	22.5	94.6	

PROGR. 20.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	34931.5	-608.0	0.0	-393.0	-97.0	-486.5
6-1	21125.3	-2048.2	0.0	-1051.3	-365.1	-266.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	Si	-192.1	0.0	192.1
6-1	si	14	Tz		76.4	-24.1	0.0
6-1	si	10	Ty		-95.6	0.0	22.5

PROGR. 26.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	32438.0	-109.4	0.0	-390.9	-97.0	-486.5
6-1	19759.3	-176.9	0.0	-1048.6	-365.1	-266.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	Si	-175.1	0.0	175.1
6-1	si	14	Tz		80.3	-24.1	0.0
6-1	si	10	Ty		-105.1	0.0	22.5

PROGR. 31.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	29944.5	389.4	0.0	-388.8	-97.0	-486.5
6-1	18393.4	1694.4	0.0	-1045.9	-365.1	-266.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-164.6	0.0	164.6
6-1	si	14	Tz		84.2	-24.1	0.0
6-1	si	10	Ty		-114.5	0.0	22.5
12-10	si	15	Si		-163.6	-11.9	0.0

PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	27451.0	888.2	0.0	-386.7	-97.0	-486.5
6-1	17027.4	3565.7	0.0	-1043.2	-365.1	-266.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-155.9	0.0	155.9
6-1	si	14	Tz		88.0	-24.1	0.0
6-1	si	10	Ty		-124.0	0.0	22.5

PROGR. 41.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	24957.5	1387.0	0.0	-384.6	-97.0	-486.5
6-1	15661.4	5437.0	0.0	-1040.5	-365.1	-266.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-147.1	0.0	147.1
6-1	si	14	Tz		91.9	-24.1	0.0
6-1	si	10	Ty		-133.4	0.0	22.5

## VERIFICA STABILITA` :

L0 = 41.  
 Z | Lc = 41. | Ro = 5.48 | lm = 7.5 | Ncr = 19194666.9 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 41. | Ro = 3.05 | lm = 13.4 | Ncr = 5963060.7 | alfa(a) = 0.2100 | ki = 1.0000  
 Caso 12-10 - Nodo 1 - Asse Y  
 Ned = -401.3 | Mzeq = 44905.5 | Myeq = -1902.1 | Ss = -254.2 ( 0.075)

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 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	24957.5	1387.0	0.0	-261.8	27.0	-485.3
6-1	15661.4	5437.0	0.0	-860.5	105.7	-304.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-144.8	0.0	144.8
6-1	si	13	Tz		-65.6	10.0	0.0
12-10	si	5	Ty		6.4	0.0	16.4

PROGR. 6.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	21837.8	1213.6	0.0	-259.1	27.0	-485.3
6-1	13703.7	4757.4	0.0	-857.1	105.7	-304.5

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-127.3	0.0	127.3
6-1	si	13	Tz		-59.4	10.0	0.0
12-10	si	5	Ty		5.0	0.0	16.4

PROGR. 13.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	11746.0	4077.7	0.0	-853.7	105.7	-304.5
12-10	18718.1	1040.3	0.0	-256.5	27.0	-485.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	Si	-110.6	0.0	110.6
6-1	si	13	Tz		-53.2	10.0	0.0
12-10	si	5	Ty		3.7	0.0	16.4

PROGR. 19.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6- 1	9788.4	3398.1	0.0	-850.3	105.7	-304.5
12-10	15598.4	866.9	0.0	-253.9	27.0	-485.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-94.8	0.0	0.0	94.8
6- 1	si	13	Tz		-47.0	10.0	0.0	50.1
12-10	si	5	Ty		2.3	0.0	16.4	28.6

PROGR. 26.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	7830.7	2718.5	0.0	-846.9	105.7	-304.5
12-10	12478.7	693.5	0.0	-251.3	27.0	-485.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-79.1	0.0	0.0	79.1
6- 1	si	13	Tz		-40.8	10.0	0.0	44.4
12-10	si	5	Ty		0.9	0.0	16.4	28.5

PROGR. 32.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	5873.0	2038.9	0.0	-843.5	105.7	-304.5
12-10	9359.1	520.1	0.0	-248.7	27.0	-485.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-63.3	0.0	0.0	63.3
6- 1	si	13	Tz		-34.6	10.0	0.0	38.7
12-10	si	5	Ty		-0.5	0.0	16.4	28.5

PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	3915.3	1359.2	0.0	-840.1	105.7	-304.5
12-10	6239.4	346.8	0.0	-246.1	27.0	-485.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-47.6	0.0	0.0	47.6
6- 1	si	13	Tz		-28.5	10.0	0.0	33.3
12-10	si	5	Ty		-1.9	0.0	16.4	28.5

PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1957.7	679.6	0.0	-836.7	105.7	-304.5
12-10	3119.7	173.4	0.0	-243.4	27.0	-485.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-31.8	0.0	0.0	31.8
6- 1	si	13	Tz		-22.3	10.0	0.0	28.2
12-10	si	5	Ty		-3.3	0.0	16.4	28.7

PROGR. 51.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-833.3	105.7	-304.5
12-10	0.0	0.0	0.0	-240.8	27.0	-485.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	4	Sx		-16.1	0.0	0.0	16.1
6- 1	si	13	Tz		-16.1	10.0	0.0	23.6
12-10	si	5	TySi		-4.6	0.0	16.4	28.8

VERIFICA STABILITA` :

L0 = 51.  
 Z | Lc = 51. | Ro = 5.48 | lm = 9.4 | Ncr = 12199221.9 | alfa(a) = 0.2100 | ki = 1.0000 |  
 Y | Lc = 51. | Ro = 3.05 | lm = 16.8 | Ncr = 3789839.2 | alfa(a) = 0.2100 | ki = 0.9955 |  
 Caso 6- 1 - Nodo 2 - Asse Y  
 Ned = -860.5 | Mzeq = 9396.8 | Myeq = 3262.2 | Ss = -92.0 ( 0.027 )

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	99666.4	20799.4	0.0	-533.8	104.4	-412.7
12- 9	113169.8	9350.8	0.0	-518.0	47.4	-463.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-694.5	0.0	0.0	694.5
12-12	si	13	Tz		-402.0	11.4	0.0	402.5
12- 9	si	5	Ty		67.3	0.0	15.7	72.6

PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	95023.6	19624.4	0.0	-529.2	104.4	-412.7
12- 9	107951.8	8817.0	0.0	-513.4	47.4	-463.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-660.8	0.0	0.0	660.8
12-12	si	13	Tz		-384.9	11.4	0.0	385.4
12- 9	si	5	Ty		63.0	0.0	15.7	68.6

PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-12	90380.7	18449.4	0.0	-524.6	104.4	-412.7
12- 9	102733.9	8283.3	0.0	-508.8	47.4	-463.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-12	si	2	Sx	Si	-627.2	0.0	0.0	627.2
12-12	si	13	Tz		-367.8	11.4	0.0	368.3
12- 9	si	5	Ty		58.7	0.0	15.7	64.7

PROGR. 34.



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-12	85737.9	17274.4	0.0	-520.0	104.4	-412.7	
12- 9	97515.9	7749.5	0.0	-504.2	47.4	-463.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-12	si	2	Sx	Si	-593.5	0.0	593.5
12-12	si	13	Tz		-350.6	11.4	351.2
12- 9	si	5	Ty		54.4	0.0	60.8

PROGR. 45.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	92102.6	9299.0	0.0	-499.1	61.1	-462.3	
12-12	81095.1	16099.4	0.0	-515.5	104.4	-412.7	
12- 9	92298.0	7215.8	0.0	-499.7	47.4	-463.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-559.8	0.0	559.8
12-12	si	13	Tz		-333.5	11.4	334.0
12- 9	si	5	Ty		50.0	0.0	57.0

PROGR. 56.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	86902.0	8612.1	0.0	-494.6	61.1	-462.3	
12-12	76452.2	14924.4	0.0	-510.9	104.4	-412.7	
12- 9	87080.2	6682.1	0.0	-495.1	47.4	-463.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-527.3	0.0	527.3
12-12	si	13	Tz		-316.3	11.4	316.9
12- 9	si	5	Ty		45.7	0.0	53.2

PROGR. 68.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	81701.4	7925.2	0.0	-490.0	61.1	-462.3	
12-12	71809.4	13749.4	0.0	-506.3	104.4	-412.7	
12- 9	81862.3	6148.3	0.0	-490.5	47.4	-463.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-494.8	0.0	494.8
12-12	si	13	Tz		-299.2	11.4	299.8
12- 9	si	5	Ty		41.4	0.0	49.5

PROGR. 79.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	76500.9	7238.2	0.0	-485.4	61.1	-462.3	
12-12	67166.5	12574.4	0.0	-501.7	104.4	-412.7	
12- 9	76644.5	5614.6	0.0	-485.9	47.4	-463.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-462.4	0.0	462.4
12-12	si	13	Tz		-282.0	11.4	282.7
12- 9	si	5	Ty		37.1	0.0	46.0

PROGR. 90.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	71300.4	6551.3	0.0	-480.8	61.1	-462.3	
12-12	62523.6	11399.5	0.0	-497.2	104.4	-412.7	
12- 9	71426.7	5080.8	0.0	-481.4	47.4	-463.8	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-429.9	0.0	429.9
12-12	si	13	Tz		-264.9	11.4	265.6
12- 9	si	5	Ty		32.7	0.0	42.6

## VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967 |  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565 |  
 Caso 12-12 - Nodo 2 - Asse Y  
 Ned = -533.8 | Mzeq = 84809.3 | Myeq = 17039.4 | Ss = -587.6 ( 0.174 )

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 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	71300.4	6551.3	0.0	-377.3	85.3	-459.8	
12-12	62523.6	11399.5	0.0	-393.6	128.3	-410.2	
12- 9	71426.7	5080.8	0.0	-377.8	72.5	-461.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-427.9	0.0	427.9
12-12	si	13	Tz		-262.9	12.7	263.8
12- 9	si	5	Ty		34.7	0.0	44.0

PROGR. 11.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
12-10	66128.2	5591.2	0.0	-372.7	85.3	-459.8	
12-12	57908.9	9956.8	0.0	-389.0	128.3	-410.2	
12- 9	66241.0	4264.7	0.0	-373.2	72.5	-461.0	

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-393.3	0.0	393.3
12-12	si	13	Tz		-247.4	12.7	248.4
12- 9	si	5	Ty		28.1	0.0	39.0

PROGR. 22.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-10	60956.0	4631.0	0.0	-368.1	85.3	-459.8
12-12	53294.1	8514.2	0.0	-384.4	128.3	-410.2
12- 9	61055.3	3448.6	0.0	-368.6	72.5	-461.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	2	Sx	Si	-358.6	0.0	0.0	358.6
12-12	si	13	Tz		-232.0	12.7	0.0	233.0
12- 9	si	5	Ty		21.4	0.0	15.6	34.5

PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	55783.9	3670.8	0.0	-363.5	85.3	-459.8
12-12	48679.3	7071.7	0.0	-379.9	128.3	-410.2
12- 9	55869.7	2632.4	0.0	-364.1	72.5	-461.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	2	Sx	Si	-324.0	0.0	0.0	324.0
12-12	si	13	Tz		-216.5	12.7	0.0	217.6
12- 9	si	5	Ty		14.7	0.0	15.6	30.8

PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	50611.9	2710.5	0.0	-358.9	85.3	-459.8
12-12	44064.5	5629.2	0.0	-375.3	128.3	-410.2
12- 9	50684.2	1816.2	0.0	-359.5	72.5	-461.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	2	Sx	Si	-289.4	0.0	0.0	289.4
12-12	si	13	Tz		-201.1	12.7	0.0	202.3
12- 9	si	5	Ty		8.1	0.0	15.6	28.2

PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	45440.0	1750.1	0.0	-354.4	85.3	-459.8
12-12	39449.7	4186.9	0.0	-370.7	128.3	-410.2
12- 9	45498.8	999.9	0.0	-354.9	72.5	-461.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-10	si	2	Sx	Si	-254.8	0.0	0.0	254.8
12-12	si	13	Tz		-185.6	12.7	0.0	186.9
12- 9	si	5	Ty		1.4	0.0	15.6	27.1

PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	-35923.5	-3495.6	0.0	-554.3	-47.4	421.8
12-12	34834.8	2744.9	0.0	-366.1	128.3	-410.2
12- 9	40313.6	183.5	0.0	-350.3	72.5	-461.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 7	si	4	Sx	Si	-224.2	0.0	0.0	224.2
12-12	si	13	Tz		-170.2	12.7	0.0	171.6
12- 9	si	5	Ty		-5.2	0.0	15.6	27.5

PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 7	-31179.1	-2961.5	0.0	-549.7	-47.4	421.8
12-12	30219.8	1303.5	0.0	-361.6	128.3	-410.2
12- 9	35128.7	-633.1	0.0	-345.8	72.5	-461.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 7	si	4	Sx	Si	-195.3	0.0	0.0	195.3
12-12	si	13	Tz		-154.7	12.7	0.0	156.3
12- 9	si	5	Ty		-11.9	0.0	15.6	29.5

PROGR. 90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	29944.1	-1449.7	0.0	-341.2	72.5	-461.0
12-12	25604.8	-135.9	0.0	-357.0	128.3	-410.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	1	Sx	Si	-172.4	0.0	0.0	172.4
12-12	si	13	Tz		-139.3	12.7	0.0	141.0
12- 9	si	5	Ty		-18.6	0.0	15.6	32.8

VERIFICA STABILITA` :

L0 = 90. |  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967 |  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565 |  
 Caso12-10 - Nodo 2 - Asse Y  
 Ned = -377.3 | Mzeq = 65795.9 | Myeq = 4913.5 | Ss = -386.4 ( 0.114)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	29944.1	-1449.7	0.0	-237.6	-72.6	-328.5
6- 1	8327.6	-7546.2	0.0	-1132.1	-312.9	-71.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	1	Sx	Si	-170.5	0.0	0.0	170.5
6- 1	si	7	Tz		-64.6	-20.1	0.0	73.4
6- 1	si	10	Ty		4.2	0.0	16.3	28.6

PROGR. 5.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	28260.4	-1077.5	0.0	-235.5	-72.6	-328.5
6- 1	7961.1	-5942.6	0.0	-1129.4	-312.9	-71.5

TENSIONI (Sz= 0.00) :

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Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	1	Sx	Si	-158.7	0.0	158.7
6-1	si	7	Tz		-62.7	-20.1	71.7
6-1	si	10	Ty		-7.4	0.0	29.2

PROGR. 10.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-9	26576.8	-705.2	0.0	-233.4	-72.6	-328.5
6-1	7594.6	-4338.9	0.0	-1126.7	-312.9	-71.5

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	1	Sx	Si	-146.9	0.0	146.9
6-1	si	7	Tz		-60.8	-20.1	70.1
6-1	si	10	Ty		-19.0	0.0	16.3

PROGR. 15.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-9	24893.1	-332.7	0.0	-231.4	-72.6	-328.5
6-1	7228.1	-2735.3	0.0	-1124.0	-312.9	-71.5

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	1	Sx	Si	-135.1	0.0	135.1
6-1	si	7	Tz		-58.8	-20.1	68.4
6-1	si	10	Ty		-30.6	0.0	16.3

PROGR. 20.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-10	23202.5	101.2	0.0	-228.7	-60.0	-328.0
6-1	6861.6	-1131.6	0.0	-1121.3	-312.9	-71.5

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	2	Sx	Si	-124.5	0.0	124.5
6-1	si	7	Tz		-56.9	-20.1	66.7
6-1	si	10	Ty		-42.2	0.0	16.3
12-10	si	15	Si		-124.2	-7.7	0.0

PROGR. 26.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-9	21525.8	412.6	0.0	-227.2	-72.6	-328.5
6-1	6495.1	472.1	0.0	-1118.6	-312.9	-71.5

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-118.4	0.0	118.4
6-1	si	7	Tz		-55.0	-20.1	65.1
6-1	si	10	Ty		-53.9	0.0	16.3

PROGR. 31.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-9	19842.1	801.7	0.0	-225.1	-72.6	-328.5
6-1	6128.5	2075.7	0.0	-1115.9	-312.9	-71.5

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-112.9	0.0	112.9
6-1	si	7	Tz		-53.0	-20.1	63.5
6-1	si	10	Ty		-65.5	0.0	16.3

PROGR. 36.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-9	18158.5	1137.3	0.0	-223.0	-72.6	-328.5
6-1	5762.0	3679.4	0.0	-1113.2	-312.9	-71.5

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-107.0	0.0	107.0
6-1	si	7	Tz		-51.1	-20.1	61.9
6-1	si	10	Ty		-77.1	0.0	16.3

PROGR. 41.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-9	16474.8	1518.4	0.0	-220.9	-72.6	-328.5
6-1	5395.5	5283.1	0.0	-1110.5	-312.9	-71.5

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-101.5	0.0	101.5
6-1	si	7	Tz		-49.1	-20.1	60.3
6-1	si	10	Ty		-88.7	0.0	16.3

## VERIFICA STABILITA`

L0 = 41.  
 Z Lc = 41. |Ro = 5.48 |lm = 7.5 |Ncr = 19194666.9 |alfa(a) = 0.2100 |ki = 1.0000  
 Y Lc = 41. |Ro = 3.05 |lm = 13.4 |Ncr = 5963060.7 |alfa(a) = 0.2100 |ki = 1.0000  
 Caso12-9 - Nodo 2 - Asse Y  
 Ned = -237.6 |Mzeq = 29944.1 |Myeq = 1138.8 |Ss = -167.9 ( 0.050)

CASSONE\_S001 ( 1 ) stato limite ultimo - ASTA ( 75- 37) 185  
 PROGR. 0.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
12-9	16474.8	1518.4	0.0	-108.8	29.8	-323.4
6-1	5395.5	5283.1	0.0	-946.2	103.7	-105.9
12-10	16479.3	1322.2	0.0	-108.3	26.0	-323.4

TENSIONI (Sz= 0.00):

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-9	si	2	Sx	Si	-99.3	0.0	99.3
6-1	si	13	Tz		-15.4	7.2	19.9
12-10	si	5	Ty		8.8	0.0	11.0

PROGR. 6.

## SOLLECITAZIONI

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12- 9	14415.5	1328.6	0.0	-106.2	29.8	-323.4
6- 1	4721.1	4622.7	0.0	-942.8	103.7	-105.9
12-10	14419.4	1156.9	0.0	-105.7	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	2	Sx	Si	-87.1	0.0	0.0	87.1
6- 1	si	13	Tz		-15.7	7.2	0.0	20.1
12-10	si	5	Ty		7.5	0.0	11.0	20.4

PROGR. 13.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	12356.1	1138.8	0.0	-103.6	29.8	-323.4
6- 1	4046.6	3962.3	0.0	-939.5	103.7	-105.9
12-10	12359.5	991.6	0.0	-103.1	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	2	Sx	Si	-74.9	0.0	0.0	74.9
6- 1	si	13	Tz		-16.0	7.2	0.0	20.3
12-10	si	5	Ty		6.2	0.0	11.0	20.0

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	10296.8	949.0	0.0	-101.0	29.8	-323.4
6- 1	3372.2	3301.9	0.0	-936.1	103.7	-105.9
12-10	10299.6	826.4	0.0	-100.5	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12- 9	si	2	Sx	Si	-62.7	0.0	0.0	62.7
6- 1	si	13	Tz		-16.3	7.2	0.0	20.5
12-10	si	5	Ty		4.9	0.0	11.0	19.6

PROGR. 25.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	2697.8	2641.5	0.0	-932.7	103.7	-105.9
12-10	8239.7	661.1	0.0	-97.9	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-53.7	0.0	0.0	53.7
6- 1	si	13	Tz		-16.6	7.2	0.0	20.8
12-10	si	5	Ty		3.6	0.0	11.0	19.3

PROGR. 32.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	2023.3	1981.1	0.0	-929.4	103.7	-105.9
12-10	6179.7	495.8	0.0	-95.3	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-44.7	0.0	0.0	44.7
6- 1	si	13	Tz		-16.9	7.2	0.0	21.0
12-10	si	5	Ty		2.3	0.0	11.0	19.1

PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1348.9	1320.8	0.0	-926.0	103.7	-105.9
12-10	4119.8	330.5	0.0	-92.7	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-35.7	0.0	0.0	35.7
6- 1	si	13	Tz		-17.1	7.2	0.0	21.2
12-10	si	5	Ty		0.9	0.0	11.0	19.0

PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	674.4	660.4	0.0	-922.6	103.7	-105.9
12-10	2059.9	165.3	0.0	-90.1	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-26.7	0.0	0.0	26.7
6- 1	si	13	Tz		-17.4	7.2	0.0	21.5
12-10	si	5	Ty		-0.4	0.0	11.0	19.0

PROGR. 51.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-919.2	103.7	-105.9
12-10	0.0	0.0	0.0	-87.5	26.0	-323.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-17.7	0.0	0.0	17.7
6- 1	si	13	Tz		-17.7	7.2	0.0	21.7
12-10	si	5	Ty		-1.7	0.0	11.0	19.0

VERIFICA STABILITA` :

L0 = 51.  
 Z | Lc = 51. | Ro = 5.48 | lm = 9.3 | Ncr = 12430167.0 | alfa(a) = 0.2100 | ki = 1.0000  
 Y | Lc = 51. | Ro = 3.05 | lm = 16.7 | Ncr = 3861585.1 | alfa(a) = 0.2100 | ki = 0.9960  
 Caso 6- 1 - Nodo 2 - Asse Y  
 Ned = -946.2 | Mzeq = 3237.3 | Myeq = 3169.8 | Ss = -61.2 ( 0.018)

CASSONE\_S001 ( 1 ) stato limite ultimo - ASTA ( 42- 108) 196  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	125312.0	19651.5	0.0	-929.8	99.0	-516.6
12-14	131708.1	6891.3	0.0	-938.7	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-15	si	2	Sx	Si	-824.4	0.0	0.0	824.4
12-15	si	13	Tz		-548.1	12.4	0.0	548.5

Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-14	si	5	Ty	38.9	0.0	18.4	50.3	11.
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SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	119500.3	18537.5	0.0	-925.2	99.0	-516.6
12-14	125586.4	6477.4	0.0	-934.1	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	785.3
12-15	si	13	Tz		12.4	0.0	525.1
12-14	si	5	Ty		0.0	18.4	47.8

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	113688.6	17423.5	0.0	-920.6	99.0	-516.6
12-14	119464.7	6063.4	0.0	-929.6	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	746.1
12-15	si	13	Tz		12.4	0.0	501.6
12-14	si	5	Ty		0.0	18.4	45.4

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	107876.9	16309.5	0.0	-916.0	99.0	-516.6
12-14	113343.1	5649.4	0.0	-925.0	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	706.9
12-15	si	13	Tz		12.4	0.0	478.1
12-14	si	5	Ty		0.0	18.4	43.0

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	102065.2	15195.5	0.0	-911.4	99.0	-516.6
12-14	107221.6	5235.5	0.0	-920.4	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	667.8
12-15	si	13	Tz		12.4	0.0	454.6
12-14	si	5	Ty		0.0	18.4	40.9

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	96253.3	14081.6	0.0	-906.9	99.0	-516.6
12-14	101100.1	4821.4	0.0	-915.8	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	628.6
12-15	si	13	Tz		12.4	0.0	431.1
12-14	si	5	Ty		0.0	18.4	38.9

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	90441.5	12967.7	0.0	-902.3	99.0	-516.6
12-14	94978.7	4407.4	0.0	-911.3	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	589.4
12-15	si	13	Tz		12.4	0.0	407.7
12-14	si	5	Ty		0.0	18.4	37.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	84629.5	11853.8	0.0	-897.7	99.0	-516.6
12-14	88857.4	3993.3	0.0	-906.7	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	550.2
12-15	si	13	Tz		12.4	0.0	384.2
12-14	si	5	Ty		0.0	18.4	35.5

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	78817.5	10740.0	0.0	-893.1	99.0	-516.6
12-14	82736.3	3579.2	0.0	-902.1	36.8	-544.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	511.1
12-15	si	13	Tz		12.4	0.0	360.7
12-14	si	5	Ty		0.0	18.4	34.2

VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr= 3983485.8 | alfa(a)=0.2100 | ki=0.9967 |  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr= 1237519.1 | alfa(a)=0.2100 | ki=0.9565 |  
 Casol2-15 - Nodo 2 - Asse Y  
 Ned = -929.8 | Mzeq = 106714.2 | Myeq = 16086.9 | Ss = -700.4 ( 0.207)

CASSONE\_S001 ( 1 ) stato limite ultimo - ASTA ( 108- 109) 197  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	78817.5	10740.0	0.0	-676.8	107.7	-486.7
12-14	82736.3	3579.2	0.0	-685.8	37.6	-512.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	506.9

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

12-15	si	13	Tz	-355.9	12.5	0.0	356.6
12-14	si	5	Ty	16.4	0.0	17.3	34.2

----- PROGR. 11.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	73341.4	9528.5	0.0	-672.2	107.7	-486.7
12-14	76975.9	3155.3	0.0	-681.2	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	468.7
12-15	si	13	Tz	-334.7	12.5	0.0	335.4
12-14	si	5	Ty	13.0	0.0	17.3	32.7

----- PROGR. 23.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	67865.3	8317.1	0.0	-667.6	107.7	-486.7
12-14	71215.6	2731.4	0.0	-676.6	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	430.4
12-15	si	13	Tz	-313.5	12.5	0.0	314.2
12-14	si	5	Ty	9.5	0.0	17.3	31.5

----- PROGR. 34.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	62389.0	7105.8	0.0	-663.0	107.7	-486.7
12-14	65455.4	2307.4	0.0	-672.0	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	392.2
12-15	si	13	Tz	-292.3	12.5	0.0	293.1
12-14	si	5	Ty	6.1	0.0	17.3	30.7

----- PROGR. 45.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	56912.7	5894.7	0.0	-658.5	107.7	-486.7
12-14	59695.4	1883.1	0.0	-667.4	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	353.9
12-15	si	13	Tz	-271.0	12.5	0.0	271.9
12-14	si	5	Ty	2.7	0.0	17.3	30.2

----- PROGR. 56.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	51436.3	4684.1	0.0	-653.9	107.7	-486.7
12-14	53935.6	1458.5	0.0	-662.9	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	315.7
12-15	si	13	Tz	-249.8	12.5	0.0	250.8
12-14	si	5	Ty	-0.7	0.0	17.3	30.0

----- PROGR. 68.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	45959.7	3474.1	0.0	-649.3	107.7	-486.7
12-14	48176.1	1033.2	0.0	-658.3	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	277.4
12-15	si	13	Tz	-228.6	12.5	0.0	229.6
12-14	si	5	Ty	-4.2	0.0	17.3	30.3

----- PROGR. 79.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-15	40482.8	2266.0	0.0	-644.7	107.7	-486.7
12-14	42417.0	606.2	0.0	-653.7	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-15	si	2	Sx	Si	0.0	0.0	239.2
12-15	si	13	Tz	-207.4	12.5	0.0	208.5
12-14	si	5	Ty	-7.6	0.0	17.3	31.0

----- PROGR. 90.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	36503.9	334.2	0.0	-648.7	50.4	-509.8
12-15	35005.5	1064.4	0.0	-640.2	107.7	-486.7
12-14	36658.5	173.3	0.0	-649.1	37.6	-512.1

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-13	si	2	Sx	Si	0.0	0.0	202.9
12-15	si	13	Tz	-186.1	12.5	0.0	187.3
12-14	si	5	Ty	-11.1	0.0	17.3	32.0

## VERIFICA STABILITA` :

L0 = 90.  
Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967 |  
Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565 |  
Caso 12-15 - Nodo 2 - Asse Y  
Ned = -676.8 | Mzeq = 73986.1 | Myeq = 8055.0 | Ss = -460.6 ( 0.136)

CASSONE\_S001 ( 1) stato limite ultimo - ASTA ( 109- 34) 198  
----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-13	36503.9	334.2	0.0	-432.3	3.6	-394.9
12-15	35005.5	1064.4	0.0	-423.8	11.5	-378.7
12-14	36658.5	173.3	0.0	-432.8	1.9	-396.6

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-13	si	2	Sx	Si	-198.7	0.0	0.0	198.7
12-15	si	13	Tz		-181.9	5.7	0.0	182.2
12-14	si	5	Ty		-6.9	0.0	13.4	24.3
-----								PROGR. 12.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
12-13		31940.9	292.4	0.0	-427.6	3.6	-394.9
12-15		30629.9	931.4	0.0	-419.1	11.5	-378.7
12-14		32076.2	151.6	0.0	-428.1	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
12-13	si	2	Sx	Si	-174.8	0.0	0.0	174.8
12-15	si	13	Tz		-160.1	5.7	0.0	160.4
12-14	si	5	Ty		-7.0	0.0	13.4	24.3
-----								PROGR. 23.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		24606.8	227.9	0.0	-1174.7	3.3	-355.0
12-15		26254.2	798.3	0.0	-414.4	11.5	-378.7
12-14		27493.8	129.9	0.0	-423.4	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-151.0	0.0	0.0	151.0
12-15	si	13	Tz		-138.3	5.7	0.0	138.6
12-14	si	5	Ty		-7.1	0.0	13.4	24.3
-----								PROGR. 35.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		20505.6	190.0	0.0	-1168.6	3.3	-355.0
12-15		21878.5	665.3	0.0	-409.7	11.5	-378.7
12-14		22911.5	108.3	0.0	-418.7	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-129.5	0.0	0.0	129.5
12-15	si	13	Tz		-116.5	5.7	0.0	116.9
12-14	si	5	Ty		-7.2	0.0	13.4	24.3
-----								PROGR. 46.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		16404.5	152.0	0.0	-1162.5	3.3	-355.0
12-15		17502.8	532.2	0.0	-405.0	11.5	-378.7
12-14		18329.2	86.6	0.0	-414.0	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-108.0	0.0	0.0	108.0
12-15	si	13	Tz		-94.7	5.7	0.0	95.2
12-14	si	5	Ty		-7.3	0.0	13.4	24.4
-----								PROGR. 58.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		12303.4	114.0	0.0	-1156.4	3.3	-355.0
12-15		13127.1	399.2	0.0	-400.3	11.5	-378.7
12-14		13746.9	65.0	0.0	-409.3	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-86.5	0.0	0.0	86.5
12-15	si	13	Tz		-72.9	5.7	0.0	73.5
12-14	si	5	Ty		-7.4	0.0	13.4	24.4
6- 1	si	15	Si		-86.2	-4.5	0.0	86.5
-----								PROGR. 69.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		8202.3	76.0	0.0	-1150.3	3.3	-355.0
12-15		8751.4	266.1	0.0	-395.6	11.5	-378.7
12-14		9164.6	43.3	0.0	-404.6	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-65.0	0.0	0.0	65.0
12-15	si	13	Tz		-51.1	5.7	0.0	52.0
12-14	si	5	Ty		-7.4	0.0	13.4	24.4
6- 1	si	15	Si		-64.8	-4.5	0.0	65.3
-----								PROGR. 81.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		4101.1	38.0	0.0	-1144.2	3.3	-355.0
12-15		4375.7	133.1	0.0	-390.9	11.5	-378.7
12-14		4582.3	21.7	0.0	-399.9	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	2	Sx	Si	-43.5	0.0	0.0	43.5
12-15	si	13	Tz		-29.3	5.7	0.0	30.9
12-14	si	5	Ty		-7.5	0.0	13.4	24.5
6- 1	si	15	Si		-43.4	-4.5	0.0	44.1
-----								PROGR. 92.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		0.0	0.0	0.0	-1138.0	3.3	-355.0
12-15		0.0	0.0	0.0	-386.2	11.5	-378.7
12-14		0.0	0.0	0.0	-395.2	1.9	-396.6

TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	Si	-22.0	0.0	0.0	22.0
12-15	si	13	Tz		-7.4	5.7	0.0	12.4
12-14	si	5	Ty		-7.6	0.0	13.4	24.5
6- 1	si	5	Si		-22.0	0.0	12.0	30.3

-----  
 VERIFICA STABILITA` :

## Posto di Controllo Centralizzato - Relazione di calcolo - Edificio - Allegati

L0 = 92.  
 Z Lc = 92. Ro = 5.48 lm = 16.9 Ncr = 3776867.8 | alfa(a) = 0.2100 | ki = 0.9954  
 Y Lc = 92. Ro = 3.05 lm = 30.3 Ncr = 1173330.7 | alfa(a) = 0.2100 | ki = 0.9538  
 Caso 6-1 - Nodo 2 - Asse Y  
 Ned = -1186.9 | Mzeq = 19685.4 | Myeq = 182.4 | Ss = -126.7 (0.037)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	111210.6	17742.6	0.0	-949.8	87.8	-406.6
12-15	102413.2	19561.0	0.0	-928.2	96.5	-377.0
12- 9	125473.1	7318.1	0.0	-977.3	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-736.6	0.0	0.0	736.6
12-15	si	13	Tz	-430.9	10.4	0.0	431.3
12- 9	si	5	Ty	41.7	0.0	15.5	49.6

----- PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	106636.1	16754.5	0.0	-945.2	87.8	-406.6
12-15	98171.5	18475.9	0.0	-923.6	96.5	-377.0
12- 9	120309.6	6902.0	0.0	-972.7	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-704.8	0.0	0.0	704.8
12-15	si	13	Tz	-415.3	10.4	0.0	415.7
12- 9	si	5	Ty	38.3	0.0	15.5	46.8

----- PROGR. 22.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	102061.6	15766.4	0.0	-940.6	87.8	-406.6
12-15	93929.8	17390.8	0.0	-919.0	96.5	-377.0
12- 9	115146.1	6485.9	0.0	-968.1	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-673.0	0.0	0.0	673.0
12-15	si	13	Tz	-399.7	10.4	0.0	400.1
12- 9	si	5	Ty	35.0	0.0	15.5	44.1

----- PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	97487.1	14778.4	0.0	-936.0	87.8	-406.6
12-15	89688.1	16305.7	0.0	-914.5	96.5	-377.0
12- 9	109982.6	6069.7	0.0	-963.6	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-641.2	0.0	0.0	641.2
12-15	si	13	Tz	-384.1	10.4	0.0	384.6
12- 9	si	5	Ty	31.6	0.0	15.5	41.5

----- PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	92912.6	13790.3	0.0	-931.4	87.8	-406.6
12-15	85446.4	15220.6	0.0	-909.9	96.5	-377.0
12- 9	104819.2	5653.6	0.0	-959.0	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-609.5	0.0	0.0	609.5
12-15	si	13	Tz	-368.5	10.4	0.0	369.0
12- 9	si	5	Ty	28.3	0.0	15.5	39.0

----- PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	88338.1	12802.3	0.0	-926.9	87.8	-406.6
12-15	81204.7	14135.6	0.0	-905.3	96.5	-377.0
12- 9	99655.7	5237.4	0.0	-954.4	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-577.7	0.0	0.0	577.7
12-15	si	13	Tz	-352.9	10.4	0.0	353.4
12- 9	si	5	Ty	24.9	0.0	15.5	36.7

----- PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	83763.6	11814.3	0.0	-922.3	87.8	-406.6
12-15	76963.0	13050.5	0.0	-900.7	96.5	-377.0
12- 9	94492.2	4821.1	0.0	-949.8	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-545.9	0.0	0.0	545.9
12-15	si	13	Tz	-337.3	10.4	0.0	337.8
12- 9	si	5	Ty	21.6	0.0	15.5	34.5

----- PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	79189.0	10826.4	0.0	-917.7	87.8	-406.6
12-15	72721.3	11965.6	0.0	-896.2	96.5	-377.0
12- 9	89328.7	4404.9	0.0	-945.2	37.0	-459.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	2	Sx Si	-514.2	0.0	0.0	514.2
12-15	si	13	Tz	-321.7	10.4	0.0	322.2
12- 9	si	5	Ty	18.2	0.0	15.5	32.5

----- PROGR. 90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12- 9	84165.2	3988.5	0.0	-940.7	37.0	-459.0



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12-15	68479.6	10880.7	0.0	-891.6	96.5	-377.0
TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-483.6	10.4	0.0
12-9	si	5	Ty	-306.1	0.0	15.5
				14.8	0.0	30.7

-----  
VERIFICA STABILITA` :

L0 =	90.
Z	Lc = 90.   Ro = 5.48   lm = 16.4   Ncr = 3983485.8   alfa(a) = 0.2100   ki = 0.9967
Y	Lc = 90.   Ro = 3.05   lm = 29.5   Ncr = 1237519.1   alfa(a) = 0.2100   ki = 0.9565
Caso12-11 - Nodo 2 - Asse Y	
Ned =	-949.8   Mzeq = 96572.2   Myeq = 14581.0   Ss = -636.2 ( 0.188)

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-----  
PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	84165.2	3988.5	0.0	-725.0	44.9	-460.2
12-15	68479.6	10880.7	0.0	-675.9	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-479.5	11.3	0.0
12-9	si	5	Ty	-301.9	0.0	15.6
				19.0	0.0	33.0
						PROGR. 11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	78988.4	3483.4	0.0	-720.4	44.9	-460.2
12-15	64247.3	9630.5	0.0	-671.3	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-448.6	11.3	0.0
12-9	si	5	Ty	-287.3	0.0	15.6
				14.9	0.0	30.8
						PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	73811.5	2978.3	0.0	-715.8	44.9	-460.2
12-15	60015.0	8380.5	0.0	-666.7	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-417.7	11.3	0.0
12-9	si	5	Ty	-272.7	0.0	15.6
				10.8	0.0	29.1
						PROGR. 34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	68634.6	2472.9	0.0	-711.2	44.9	-460.2
12-15	55782.6	7130.6	0.0	-662.2	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-386.9	11.3	0.0
12-9	si	5	Ty	-258.1	0.0	15.6
				6.7	0.0	27.8
						PROGR. 45.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	63457.7	1967.4	0.0	-706.7	44.9	-460.2
12-15	51550.3	5880.9	0.0	-657.6	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-356.0	11.3	0.0
12-9	si	5	Ty	-243.5	0.0	15.6
				2.6	0.0	27.1
						PROGR. 56.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	58280.8	1461.5	0.0	-702.1	44.9	-460.2
12-15	47318.0	4631.6	0.0	-653.0	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-325.1	11.3	0.0
12-9	si	5	Ty	-228.9	0.0	15.6
				-1.5	0.0	27.0
						PROGR. 68.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	53104.0	954.9	0.0	-697.5	44.9	-460.2
12-15	43085.6	3383.1	0.0	-648.4	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-294.2	11.3	0.0
12-9	si	5	Ty	-214.3	0.0	15.6
				-5.6	0.0	27.6
						PROGR. 79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-9	47927.1	446.5	0.0	-692.9	44.9	-460.2
12-15	38853.3	2136.5	0.0	-643.8	111.2	-376.2

TENSIONI (Sz= 0.00) :						
Caso	Ve	No	massimi	Sx	Tz	Ty
12-9	si	2	Sx	Si	0.0	0.0
12-15	si	13	Tz	-263.3	11.3	0.0
12-9	si	5	Ty	-199.7	0.0	15.6
				-9.7	0.0	28.7
						PROGR. 90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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12-10	42555.9	-229.2	0.0	-686.8	32.1	-458.8	
12-15	34621.0	896.9	0.0	-639.3	111.2	-376.2	
12- 9	42750.2	-68.3	0.0	-688.4	44.9	-460.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-233.8	0.0	0.0	233.8
12-15	si	13	Tz	-185.0	11.3	0.0	186.1
12- 9	si	5	Ty	-13.8	0.0	15.6	30.3
12- 9	si	13	Si	-233.4	8.6	0.0	233.8

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 VERIFICA STABILITA` :

L0 = 90.  
 Z Lc = 90. Ro = 5.48 lm = 16.4 Ncr= 3983485.8 alfa(a)=0.2100 ki=0.9967  
 Y Lc = 90. Ro = 3.05 lm = 29.5 Ncr= 1237519.1 alfa(a)=0.2100 ki=0.9565  
 Caso 12- 9 - Nodo 2 - Asse Y  
 Ned = -725.0 Mzeq = 82495.0 Myeq = 2991.4 Ss = -463.4 ( 0.137)

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 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	42555.9	-229.2	0.0	-471.1	-2.5	-460.4
12- 9	42750.2	-68.3	0.0	-472.7	-0.7	-462.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-229.7	0.0	0.0	229.7
12-10	si	14	Tz	208.3	-6.3	0.0	208.6
12- 9	si	5	Ty	-9.7	0.0	15.7	28.8

-----  
 PROGR. 12.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	37236.5	-200.5	0.0	-466.4	-2.5	-460.4
12- 9	37406.4	-59.8	0.0	-468.0	-0.7	-462.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-202.0	0.0	0.0	202.0
12-10	si	14	Tz	181.2	-6.3	0.0	181.5
12- 9	si	5	Ty	-9.5	0.0	15.7	28.8

-----  
 PROGR. 23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	31917.0	-171.9	0.0	-461.7	-2.5	-460.4
12- 9	32062.6	-51.2	0.0	-463.3	-0.7	-462.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-174.3	0.0	0.0	174.3
12-10	si	14	Tz	154.1	-6.3	0.0	154.5
12- 9	si	5	Ty	-9.4	0.0	15.7	28.7

-----  
 PROGR. 35.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	26597.5	-143.2	0.0	-457.0	-2.5	-460.4
12- 9	26718.9	-42.7	0.0	-458.6	-0.7	-462.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-146.7	0.0	0.0	146.7
12-10	si	14	Tz	127.0	-6.3	0.0	127.5
12- 9	si	5	Ty	-9.2	0.0	15.7	28.6
12- 9	si	13	Si	-146.4	6.1	0.0	146.8

-----  
 PROGR. 46.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	21278.0	-114.6	0.0	-452.3	-2.5	-460.4
12- 9	21375.1	-34.2	0.0	-453.9	-0.7	-462.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-119.0	0.0	0.0	119.0
12-10	si	14	Tz	100.0	-6.3	0.0	100.5
12- 9	si	5	Ty	-9.0	0.0	15.7	28.6
12- 9	si	13	Si	-118.8	6.1	0.0	119.3

-----  
 PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	15958.5	-85.9	0.0	-447.6	-2.5	-460.4
12- 9	16031.3	-25.6	0.0	-449.2	-0.7	-462.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-91.4	0.0	0.0	91.4
12-10	si	14	Tz	72.9	-6.3	0.0	73.7
12- 9	si	5	Ty	-8.9	0.0	15.7	28.5
12- 9	si	13	Si	-91.2	6.1	0.0	91.8

-----  
 PROGR. 69.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-10	10639.0	-57.3	0.0	-442.9	-2.5	-460.4
12- 9	10687.5	-17.1	0.0	-444.5	-0.7	-462.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-10	si	1	Sx	-63.7	0.0	0.0	63.7
12-10	si	14	Tz	45.8	-6.3	0.0	47.1
12- 9	si	5	Ty	-8.7	0.0	15.7	28.5
12- 9	si	13	Si	-63.6	6.1	0.0	64.5

-----  
 PROGR. 81.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	3703.8	-40.5	0.0	-1123.2	-3.5	-320.6
12-10	5319.5	-28.6	0.0	-438.2	-2.5	-460.4
12- 9	5343.8	-8.5	0.0	-439.8	-0.7	-462.5

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-41.0	0.0	0.0	41.0
12-10	si	14	Tz	18.7	-6.3	0.0	21.6
12- 9	si	5	Ty	-8.6	0.0	15.7	28.4
6- 1	si	13	Si	-40.9	4.1	0.0	41.5
----- PROGR. 92.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
6- 1				0.0	0.0	0.0	-1117.1
12-10				0.0	0.0	0.0	-433.5
12- 9				0.0	0.0	0.0	-435.1
----- PROGR. 92.							
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	-21.5	0.0	0.0	21.5
12-10	si	14	Tz	-8.4	-6.3	0.0	13.7
12- 9	si	5	Ty	-8.4	0.0	15.7	28.4
6- 1	si	5	Si	-21.5	0.0	10.9	28.6
----- PROGR. 92.							
VERIFICA STABILITA` :							
L0 =	92.						
Z	Lc = 92.	Ro = 5.48	lm = 16.9	Ncr= 3776867.8	alfa(a) = 0.2100	ki=0.9954	
Y	Lc = 92.	Ro = 3.05	lm = 30.3	Ncr= 1173330.7	alfa(a) = 0.2100	ki=0.9538	
Caso12-10 - Nodo 1 - Asse Y							
Ned =	-471.1	Mzeq =	25533.6	Myeq =	-137.5	Ss =	-141.9 ( 0.042)
----- PROGR. 92.							
CASSONE_S001 ( 1) stato limite ultimo - ASTA ( 110- 111) 206							
----- PROGR. 0.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
12-16				64743.2	8883.3	0.0	-378.9
12-12				59702.8	11291.3	0.0	-395.1
12-13				68021.7	2438.1	0.0	-374.1
----- PROGR. 11.							
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-413.5	0.0	0.0	413.5
12-12	si	13	Tz	-249.1	11.3	0.0	249.8
12-13	si	5	Ty	12.9	0.0	14.5	28.3
----- PROGR. 11.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
12-16				60147.0	7866.7	0.0	-374.3
12-12				55355.1	10066.0	0.0	-390.6
12-13				63190.3	2123.0	0.0	-369.6
----- PROGR. 11.							
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-381.4	0.0	0.0	381.4
12-12	si	13	Tz	-233.7	11.3	0.0	234.5
12-13	si	5	Ty	10.4	0.0	14.5	27.3
----- PROGR. 22.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
12-16				55550.7	6850.1	0.0	-369.7
12-12				51007.3	8840.6	0.0	-386.0
12-13				58358.9	1807.9	0.0	-365.0
----- PROGR. 22.							
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-349.3	0.0	0.0	349.3
12-12	si	13	Tz	-218.4	11.3	0.0	219.2
12-13	si	5	Ty	7.9	0.0	14.5	26.4
----- PROGR. 34.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
12-16				50954.4	5833.5	0.0	-365.2
12-12				46659.5	7615.3	0.0	-381.4
12-13				53527.6	1492.8	0.0	-360.4
----- PROGR. 34.							
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-317.1	0.0	0.0	317.1
12-12	si	13	Tz	-203.0	11.3	0.0	204.0
12-13	si	5	Ty	5.4	0.0	14.5	25.8
----- PROGR. 45.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
12-16				46358.0	4817.0	0.0	-360.6
12-12				42311.7	6390.0	0.0	-376.8
12-13				48696.4	1177.7	0.0	-355.8
----- PROGR. 45.							
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-285.0	0.0	0.0	285.0
12-12	si	13	Tz	-187.7	11.3	0.0	188.7
12-13	si	5	Ty	2.9	0.0	14.5	25.4
----- PROGR. 56.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
12-16				41761.6	3800.5	0.0	-356.0
12-12				37963.8	5164.8	0.0	-372.3
12-13				43865.3	862.6	0.0	-351.3
----- PROGR. 56.							
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	-252.9	0.0	0.0	252.9
12-12	si	13	Tz	-172.4	11.3	0.0	173.5
12-13	si	5	Ty	0.4	0.0	14.5	25.2
----- PROGR. 68.							
SOLLECITAZIONI :							
Caso				MZ	MY	MT	N
12-16				37165.2	2784.2	0.0	-351.4
12-12				33615.9	3939.7	0.0	-367.7
----- PROGR. 68.							

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12-13	39034.5	547.5	0.0	-346.7	28.0	-429.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	Si	0.0	0.0	220.8
12-12	si	13	Tz	-157.0	11.3	0.0	158.2
12-13	si	5	Ty	-2.2	0.0	14.5	25.3

79.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-16	32568.6	1768.1	0.0	-346.8	90.4	-408.5
12-12	29267.8	2714.8	0.0	-363.1	108.9	-386.5
12-13	34203.9	232.4	0.0	-342.1	28.0	-429.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-16	si	2	Sx	Si	-188.7	0.0	188.7
12-12	si	13	Tz	-141.7	11.3	0.0	143.0
12-13	si	5	Ty	-4.7	0.0	14.5	25.6

90.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	29477.2	106.8	0.0	-336.6	42.6	-429.3
12-12	24919.7	1491.0	0.0	-358.5	108.9	-386.5
12-13	29373.7	-82.5	0.0	-337.5	28.0	-429.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	Si	-158.9	0.0	158.9
12-12	si	13	Tz	-126.3	11.3	0.0	127.8
12-13	si	5	Ty	-7.2	0.0	14.5	26.2

VERIFICA STABILITA` :

L0 = 90.  
 Z | Lc = 90. | Ro = 5.48 | lm = 16.4 | Ncr = 3983485.8 | alfa(a) = 0.2100 | ki = 0.9967  
 Y | Lc = 90. | Ro = 3.05 | lm = 29.5 | Ncr = 1237519.1 | alfa(a) = 0.2100 | ki = 0.9565  
 Caso 12-16 - Nodo 2 - Asse Y  
 Ned = -378.9 | Mzeq = 60265.2 | Myeq = 6662.5 | Ss = -372.5 ( 0.110)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	29477.2	106.8	0.0	-120.2	1.2	-320.6
12-12	24919.7	1491.0	0.0	-142.2	16.2	-271.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	Si	-154.7	0.0	154.7
12-12	si	13	Tz	-122.2	4.5	0.0	122.4
12-14	si	5	Ty	-1.4	0.0	10.9	18.9

11.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	25792.5	93.5	0.0	-115.5	1.2	-320.6
12-12	21804.7	1304.6	0.0	-137.5	16.2	-271.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	Si	-135.5	0.0	135.5
12-12	si	13	Tz	-107.1	4.5	0.0	107.4
12-14	si	5	Ty	-1.5	0.0	10.9	18.9

23.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	22107.9	80.1	0.0	-110.9	1.2	-320.6
12-12	18689.8	1118.3	0.0	-132.8	16.2	-271.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	Si	-116.4	0.0	116.4
12-12	si	13	Tz	-92.1	4.5	0.0	92.5
12-14	si	5	Ty	-1.5	0.0	10.9	18.9
12-14	si	15	Si	-116.2	-4.2	0.0	116.4

34.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	18423.2	66.8	0.0	-106.2	1.2	-320.6
12-12	15574.8	931.9	0.0	-128.1	16.2	-271.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	Si	-97.3	0.0	97.3
12-12	si	13	Tz	-77.1	4.5	0.0	77.5
12-14	si	5	Ty	-1.5	0.0	10.9	18.9
12-14	si	15	Si	-97.1	-4.2	0.0	97.4

46.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	14738.6	53.4	0.0	-101.5	1.2	-320.6
12-12	12459.8	745.5	0.0	-123.5	16.2	-271.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	Si	-78.1	0.0	78.1
12-12	si	13	Tz	-62.1	4.5	0.0	62.6
12-14	si	5	Ty	-1.5	0.0	10.9	18.9
12-14	si	15	Si	-78.0	-4.2	0.0	78.3

57.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	11053.9	40.1	0.0	-96.8	1.2	-320.6
12-12	9344.9	559.1	0.0	-118.8	16.2	-271.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	Si	-59.0	0.0	59.0

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12-12	si	13	Tz	-47.1	4.5	0.0	47.7
12-14	si	5	Ty	-1.5	0.0	10.9	18.9
12-14	si	15	Si	-58.9	-4.2	0.0	59.4

----- PROGR. 69.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-14	7369.3	26.7	0.0	-92.2	1.2	-320.6
12-12	6229.9	372.8	0.0	-114.1	16.2	-271.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-14	si	2	Sx	-39.9	0.0	0.0	39.9
12-12	si	13	Tz	-32.1	4.5	0.0	33.0
12-14	si	5	Ty	-1.6	0.0	10.9	18.9
12-14	si	15	Si	-39.8	-4.2	0.0	40.5

----- PROGR. 80.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	1293.7	-40.4	0.0	-925.9	-3.5	-112.6
12-12	3115.0	186.4	0.0	-109.4	16.2	-271.0
12-14	3684.6	13.4	0.0	-87.5	1.2	-320.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-24.8	0.0	0.0	24.8
12-12	si	13	Tz	-17.0	4.5	0.0	18.8
12-14	si	5	Ty	-1.6	0.0	10.9	18.9
6- 1	si	13	Si	-24.7	1.3	0.0	24.8

----- PROGR. 92.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-919.8	-3.5	-112.6
12-12	0.0	0.0	0.0	-104.8	16.2	-271.0
12-14	0.0	0.0	0.0	-82.8	1.2	-320.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	-17.7	0.0	0.0	17.7
12-12	si	13	Tz	-2.0	4.5	0.0	8.1
12-14	si	5	Ty	-1.6	0.0	10.9	18.9
6- 1	si	5	Si	-17.7	0.0	3.8	18.9

## VERIFICA STABILITA` :

L0 = 92.  
 Z | Lc = 92. | Ro = 5.48 | lm = 16.8 | Ncr = 3816403.4 | alfa(a) = 0.2100 | ki = 0.9957  
 Y | Lc = 92. | Ro = 3.05 | lm = 30.1 | Ncr = 1185612.9 | alfa(a) = 0.2100 | ki = 0.9544  
 Casol2-14 - Nodo 2 - Asse Y  
 Ned = -120.2 | Mzeq = 17686.3 | Myeq = 64.1 | Ss = -93.8 ( 0.028)

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 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-94.9	-149.9	31.6
1- 1	0.0	0.0	0.0	-60.7	-149.9	0.0
8- 1	0.0	0.0	0.0	-68.4	-149.9	52.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-2.9	0.0	0.0	2.9
1- 1	si	7	Tz	-1.9	-10.1	0.0	17.6
8- 1	si	9	Ty	-2.1	0.0	-8.3	14.5
6- 1	si	8	Si	-2.9	-10.1	0.0	17.8

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	810.3	2303.7	0.0	-68.4	-112.4	39.5
1- 1	0.0	2303.7	0.0	-60.7	-112.4	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-50.1	0.0	0.0	50.1
1- 1	si	7	Tz	-1.9	-7.6	0.0	13.3
8- 1	si	9	Ty	24.7	0.0	-6.2	26.9

----- PROGR. 35.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1389.1	3949.2	0.0	-68.4	-74.9	26.4
1- 1	0.0	3949.2	0.0	-60.7	-74.9	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-84.4	0.0	0.0	84.4
1- 1	si	7	Tz	-1.9	-5.1	0.0	9.0
8- 1	si	9	Ty	43.8	0.0	-4.1	44.4

----- PROGR. 53.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1736.3	4936.5	0.0	-68.4	-37.5	13.2
1- 1	0.0	4936.5	0.0	-60.7	-37.5	0.0
8- 2	-1736.3	4936.5	0.0	-52.9	-37.5	-13.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-105.0	0.0	0.0	105.0
1- 1	si	7	Tz	-1.9	-2.5	0.0	4.8
8- 2	si	10	Ty	-59.0	0.0	2.1	59.1

----- PROGR. 70.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1852.0	5265.6	0.0	-68.4	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-111.9	0.0	0.0	111.9
8- 1	si	13	Tz	26.2	0.0	0.0	26.2

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8- 1 si  5	Ty	79.1	0.0	0.0	79.1	88.
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SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1736.2	4936.5	0.0	-68.4	37.5	-13.2
1- 1	0.0	4936.5	0.0	-60.7	37.5	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1 si  2	Sx	Si		-105.0	0.0	0.0	105.0
1- 1 si  7	Tz			-1.9	2.5	0.0	4.8
8- 1 si  9	Ty			55.3	0.0	2.1	55.4

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1388.8	3949.2	0.0	-68.4	74.9	-26.4
1- 1	0.0	3949.2	0.0	-60.7	74.9	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1 si  2	Sx	Si		-84.4	0.0	0.0	84.4
1- 1 si  7	Tz			-1.9	5.1	0.0	9.0
8- 1 si  9	Ty			43.8	0.0	4.1	44.4

----- PROGR. 123.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	809.9	2303.7	0.0	-68.4	112.4	-39.5
1- 1	0.0	2303.7	0.0	-60.7	112.4	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1 si  2	Sx	Si		-50.1	0.0	0.0	50.1
1- 1 si  7	Tz			-1.9	7.6	0.0	13.3
8- 1 si  9	Ty			24.7	0.0	6.2	26.9

----- PROGR. 141.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-0.3	0.0	0.0	-94.9	149.9	-31.6
1- 1	0.0	0.0	0.0	-60.7	149.9	0.0
8- 1	-0.5	0.0	0.0	-68.4	149.9	-52.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 si  3	Sx			-2.9	0.0	0.0	2.9
1- 1 si  7	Tz			-1.9	10.1	0.0	17.6
8- 1 si  9	Ty			-2.1	0.0	8.3	14.5
6- 1 si  8	Si			-2.9	10.1	0.0	17.8

VERIFICA STABILITA` :

L0 = 141. |  
 Z | Lc = 141. | Ro = 2.82 | lm = 49.9 | Ncr= 272222.8 | alfa(a) = 0.2100 | ki = 0.8690 |  
 Y | Lc = 141. | Ro = 2.82 | lm = 49.9 | Ncr= 272222.8 | alfa(a) = 0.2100 | ki = 0.8690 |  
 Caso 8- 1 - Nodo 2 - Asse Z  
 Ned = -68.4 | Mzeq = 1605.0 | Myeq = 4563.5 | Ss = -97.6 ( 0.029 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 49- 104 ) 50  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-57.1	-151.7	32.0
1- 1	0.0	0.0	0.0	-36.5	-151.7	0.0
8- 1	0.0	0.0	0.0	-41.2	-151.7	53.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1 si  3	Sx			-1.7	0.0	0.0	1.7
1- 1 si  7	Tz			-1.1	-10.2	0.0	17.8
8- 1 si  9	Ty			-1.3	0.0	-8.4	14.5
6- 1 si  8	Si			-1.7	-10.2	0.0	17.8

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	830.0	2359.7	0.0	-41.2	-113.8	40.0
1- 1	0.0	2359.7	0.0	-36.5	-113.8	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1 si  2	Sx	Si		-50.5	0.0	0.0	50.5
1- 1 si  7	Tz			-1.1	-7.7	0.0	13.4
8- 1 si  9	Ty			26.2	0.0	-6.3	28.3

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1422.9	4045.2	0.0	-41.2	-75.8	26.7
1- 1	0.0	4045.2	0.0	-36.5	-75.8	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1 si  2	Sx	Si		-85.6	0.0	0.0	85.6
1- 1 si  7	Tz			-1.1	-5.1	0.0	8.9
8- 1 si  9	Ty			45.8	0.0	-4.2	46.3

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1778.5	5056.6	0.0	-41.2	-37.9	13.3
1- 1	0.0	5056.6	0.0	-36.5	-37.9	0.0
8- 2	-1778.5	5056.6	0.0	-31.9	-37.9	-13.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1 si  2	Sx	Si		-106.7	0.0	0.0	106.7
1- 1 si  7	Tz			-1.1	-2.6	0.0	4.6
8- 2 si  10	Ty			-59.8	0.0	2.1	59.9

----- PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1						



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1- 1 si  7  Tz		-1.9	-2.6	0.0	4.9
8- 2 si 10  Ty		-62.6	0.0	2.1	62.8

PROGR. 72.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1967.3	5593.3	0.0	-71.3	0.0	0.0
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
8- 1  si  2  Sx   Si	-118.8	0.0	0.0	118.8		
8- 1  si  13  Tz	27.9	0.0	0.0	27.9		
8- 1  si  5  Ty	84.1	0.0	0.0	84.1		

PROGR. 91.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1844.2	5243.7	0.0	-71.3	38.6	-13.6
1- 1	0.0	5243.7	0.0	-63.2	38.6	0.0
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
8- 1  si  2  Sx   Si	-111.5	0.0	0.0	111.5		
1- 1  si  7  Tz	-1.9	2.6	0.0	4.9		
8- 1  si  9  Ty	58.8	0.0	2.1	58.9		

PROGR. 109.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1475.2	4195.0	0.0	-71.3	77.2	-27.2
1- 1	0.0	4195.0	0.0	-63.2	77.2	0.0
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
8- 1  si  2  Sx   Si	-89.6	0.0	0.0	89.6		
1- 1  si  7  Tz	-1.9	5.2	0.0	9.2		
8- 1  si  9  Ty	46.6	0.0	4.3	47.2		

PROGR. 127.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
8- 1	860.3	2447.1	0.0	-71.3	115.9	-40.8
1- 1	0.0	2447.1	0.0	-63.2	115.9	0.0
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
8- 1  si  2  Sx   Si	-53.2	0.0	0.0	53.2		
1- 1  si  7  Tz	-1.9	7.8	0.0	13.7		
8- 1  si  9  Ty	26.3	0.0	6.4	28.5		

PROGR. 145.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	-0.3	0.0	0.0	-98.8	154.5	-32.6
1- 1	0.0	0.0	0.0	-63.2	154.5	0.0
8- 1	-0.5	0.0	0.0	-71.3	154.5	-54.3
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
6- 1  si  3  Sx   Si	-3.0	0.0	0.0	3.0		
1- 1  si  7  Tz	-1.9	10.4	0.0	18.2		
8- 1  si  9  Ty	-2.2	0.0	8.5	14.9		
6- 1  si  8  Si	-3.0	10.4	0.0	18.3		

VERIFICA STABILITA` :

|L0 = 145. |  
 Z |Lc = 145. |Ro = 2.82 |lm = 51.4 |Ncr= 256274.6 |alfa(a)=0.2100 |ki=0.8603 |  
 Y |Lc = 145. |Ro = 2.82 |lm = 51.4 |Ncr= 256274.6 |alfa(a)=0.2100 |ki=0.8603 |  
 Caso 8- 1 - Nodo 2 - Asse Z  
 Ned = -71.3 |Mzeq = 1704.8 |Myeq = 4847.5 |Ss = -103.6 ( 0.031)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 53- 54) 52  
 PROGR. 0.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	482.7	-149.9	31.6
1- 1	0.0	0.0	0.0	308.8	-149.9	0.0
8- 1	0.0	0.0	0.0	348.2	-149.9	52.7
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
6- 1  si  1  Sx   Si	14.8	0.0	0.0	14.8		
1- 1  si  7  Tz	9.5	-10.1	0.0	19.9		
8- 1  si  9  Ty	10.7	0.0	-8.3	17.9		
6- 1  si  7  Si	14.8	-10.1	0.0	22.9		

PROGR. 18.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
8- 1	810.3	2303.7	0.0	348.2	-112.4	39.5
1- 1	0.0	2303.7	0.0	308.8	-112.4	0.0
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
8- 1  si  4  Sx   Si	58.7	0.0	0.0	58.7		
1- 1  si  7  Tz	9.5	-7.6	0.0	16.2		
8- 1  si  9  Ty	37.4	0.0	-6.2	39.0		

PROGR. 35.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1389.1	3949.2	0.0	348.2	-74.9	26.4
1- 1	0.0	3949.2	0.0	308.8	-74.9	0.0
TENSIONI (Sz= 0.00) :						
Caso  Ve No massimi	Sx	Tz	Ty	Si		
8- 1  si  4  Sx   Si	93.0	0.0	0.0	93.0		
1- 1  si  7  Tz	9.5	-5.1	0.0	12.9		
8- 1  si  9  Ty	56.6	0.0	-4.1	57.0		

PROGR. 53.

SOLLECITAZIONI :						
Caso	MZ	MY	MT	N	TZ	TY
8- 1	1736.3	4936.5	0.0	348.2	-37.5	13.2



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1-1	0.0	4936.5	0.0	308.8	-37.5	0.0
8-2	-1736.3	4936.5	0.0	269.4	-37.5	-13.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	Si	113.6	0.0	0.0	113.6
1-1	si	7	Tz		9.5	-2.5	0.0	10.4
8-2	si	10	Ty		-49.1	0.0	2.1	49.3

----- PROGR. 70.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1852.0	5265.6	0.0	348.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	Si	120.4	0.0	0.0	120.4
8-1	si	13	Tz		38.9	0.0	0.0	38.9
8-1	si	5	Ty		91.9	0.0	0.0	91.9

----- PROGR. 88.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1736.2	4936.5	0.0	348.2	37.5	-13.2
1-1	0.0	4936.5	0.0	308.8	37.5	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	Si	113.6	0.0	0.0	113.6
1-1	si	7	Tz		9.5	2.5	0.0	10.4
8-1	si	9	Ty		68.1	0.0	2.1	68.1

----- PROGR. 105.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1388.8	3949.2	0.0	348.2	74.9	-26.4
1-1	0.0	3949.2	0.0	308.8	74.9	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	Si	93.0	0.0	0.0	93.0
1-1	si	7	Tz		9.5	5.1	0.0	12.9
8-1	si	9	Ty		56.6	0.0	4.1	57.0

----- PROGR. 123.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	809.9	2303.7	0.0	348.2	112.4	-39.5
1-1	0.0	2303.7	0.0	308.8	112.4	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	Si	58.7	0.0	0.0	58.7
1-1	si	7	Tz		9.5	7.6	0.0	16.2
8-1	si	9	Ty		37.5	0.0	6.2	39.0

----- PROGR. 141.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-0.3	0.0	0.0	482.7	149.9	-31.6
1-1	0.0	0.0	0.0	308.8	149.9	0.0
8-1	-0.5	0.0	0.0	348.2	149.9	-52.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		14.8	0.0	0.0	14.8
1-1	si	7	Tz		9.5	10.1	0.0	19.9
8-1	si	9	Ty		10.7	0.0	8.3	17.9
6-1	si	7	Si		14.8	10.1	0.0	22.9

VERIFICA STABILITA` :

L0 = 141. |  
 Z |Lc = 141. |Ro = 2.82 |lm = 49.9 |Ncr= 272222.8 |alfa(a)=0.2100 |ki=0.8690 |  
 Y |Lc = 141. |Ro = 2.82 |lm = 49.9 |Ncr= 272222.8 |alfa(a)=0.2100 |ki=0.8690 |  
 Casoll- 5 - Nodo 3 - Asse Z  
 Ned = -42.6 |Mzeq = 0.0 |Myeq = 3115.4 |Ss = -49.6 ( 0.015)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 55- 105) 53  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	352.8	-151.7	32.0
1-1	0.0	0.0	0.0	225.7	-151.7	0.0
8-1	0.0	0.0	0.0	254.5	-151.7	53.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx		10.8	0.0	0.0	10.8
1-1	si	7	Tz		6.9	-10.2	0.0	19.0
8-1	si	9	Ty		7.8	0.0	-8.4	16.5
6-1	si	7	Si		10.8	-10.2	0.0	20.8

----- PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	830.0	2359.7	0.0	254.5	-113.8	40.0
1-1	0.0	2359.7	0.0	225.7	-113.8	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	Si	57.0	0.0	0.0	57.0
1-1	si	7	Tz		6.9	-7.7	0.0	15.0
8-1	si	9	Ty		35.2	0.0	-6.3	36.9

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1422.9	4045.2	0.0	254.5	-75.8	26.7
1-1	0.0	4045.2	0.0	225.7	-75.8	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	Si	92.1	0.0	0.0	92.1
1-1	si	7	Tz		6.9	-5.1	0.0	11.3



1-1		0.0	4195.0	0.0	323.4	-77.2	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	98.6	0.0	0.0	98.6
1-1	si	7	Tz	9.9	-5.2	0.0	13.4
8-1	si	9	Ty	59.9	0.0	-4.3	60.4

54.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1844.4	5243.7	0.0	364.7	-38.6	13.6
1-1	0.0	5243.7	0.0	323.4	-38.6	0.0
8-2	-1844.4	5243.7	0.0	282.1	-38.6	-13.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	120.5	0.0	0.0	120.5
1-1	si	7	Tz	9.9	-2.6	0.0	10.9
8-2	si	10	Ty	-52.3	0.0	2.1	52.4

72.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1967.3	5593.3	0.0	364.7	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	127.8	0.0	0.0	127.8
8-1	si	13	Tz	41.2	0.0	0.0	41.2
8-1	si	5	Ty	97.4	0.0	0.0	97.4

91.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1844.2	5243.7	0.0	364.7	38.6	-13.6
1-1	0.0	5243.7	0.0	323.4	38.6	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	120.5	0.0	0.0	120.5
1-1	si	7	Tz	9.9	2.6	0.0	10.9
8-1	si	9	Ty	72.1	0.0	2.1	72.2

109.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1475.2	4195.0	0.0	364.7	77.2	-27.2
1-1	0.0	4195.0	0.0	323.4	77.2	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	98.6	0.0	0.0	98.6
1-1	si	7	Tz	9.9	5.2	0.0	13.4
8-1	si	9	Ty	59.9	0.0	4.3	60.4

127.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	860.3	2447.1	0.0	364.7	115.9	-40.8
1-1	0.0	2447.1	0.0	323.4	115.9	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	62.2	0.0	0.0	62.2
1-1	si	7	Tz	9.9	7.8	0.0	16.8
8-1	si	9	Ty	39.6	0.0	6.4	41.1

145.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-0.3	0.0	0.0	505.4	154.5	-32.6
1-1	0.0	0.0	0.0	323.4	154.5	0.0
8-1	-0.5	0.0	0.0	364.7	154.5	-54.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	15.5	0.0	0.0	15.5
1-1	si	7	Tz	9.9	10.4	0.0	20.6
8-1	si	9	Ty	11.2	0.0	8.5	18.5
6-1	si	7	Si	15.5	10.4	0.0	23.8

## VERIFICA STABILITA` :

L0 = 145.  
 Z |Lc = 145. |Ro = 2.82 |lm = 51.4 |Ncr= 256274.6 |alfa(a)=0.2100 |ki=0.8603  
 Y |Lc = 145. |Ro = 2.82 |lm = 51.4 |Ncr= 256274.6 |alfa(a)=0.2100 |ki=0.8603  
 Caso11-12 - Nodo 3 - Asse Z  
 Ned = -1.7 |Mzeq = 0.0 |Myeq = 3309.3 |Ss = -51.1 ( 0.015)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 59- 60 ) 55  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	490.7	-179.0	37.8
1-1	0.0	0.0	0.0	314.0	-179.0	0.0
8-1	0.0	0.0	0.0	354.1	-179.0	63.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	15.0	0.0	0.0	15.0
1-1	si	7	Tz	9.6	-12.1	0.0	23.0
8-1	si	9	Ty	10.8	0.0	-9.9	20.3
6-1	si	7	Si	15.0	-12.1	0.0	25.8

21.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1156.3	3287.2	0.0	354.1	-134.3	47.2
1-1	0.0	3287.2	0.0	314.0	-134.3	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	79.4	0.0	0.0	79.4
1-1	si	7	Tz	9.6	-9.1	0.0	18.4



----- PROGR. 42.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8-1		2003.6	5696.2	0.0	339.7	-90.0	31.7
1-1		0.0	5696.2	0.0	301.2	-90.0	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx Si	129.1	0.0	0.0	129.1
1-1	si	7	Tz	9.2	-6.1	0.0	14.0
8-1	si	9	Ty	76.6	0.0	-5.0	77.1

----- PROGR. 63.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8-1		2504.4	7120.3	0.0	339.7	-45.0	15.8
1-1		0.0	7120.3	0.0	301.2	-45.0	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx Si	158.8	0.0	0.0	158.8
1-1	si	7	Tz	9.2	-3.0	0.0	10.6
8-1	si	9	Ty	93.2	0.0	-2.5	93.3

----- PROGR. 84.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8-1		2671.3	7595.0	0.0	339.7	0.0	0.0
8-2		-2671.3	7595.0	0.0	262.8	0.0	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx Si	168.7	0.0	0.0	168.7
8-2	si	13	Tz	131.2	0.0	0.0	131.2
8-2	si	5	Ty	125.2	0.0	0.0	125.2

----- PROGR. 105.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8-1		2504.3	7120.3	0.0	339.7	45.0	-15.8
1-1		0.0	7120.3	0.0	301.2	45.0	0.0
8-2		-2504.3	7120.3	0.0	262.8	45.0	15.8
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx Si	158.8	0.0	0.0	158.8
1-1	si	7	Tz	9.2	3.0	0.0	10.6
8-2	si	10	Ty	-74.7	0.0	-2.5	74.8

----- PROGR. 127.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8-1		2003.3	5696.2	0.0	339.7	90.0	-31.7
1-1		0.0	5696.2	0.0	301.2	90.0	0.0
8-2		-2003.3	5696.2	0.0	262.8	90.0	31.7
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx Si	129.1	0.0	0.0	129.1
1-1	si	7	Tz	9.2	6.1	0.0	14.0
8-2	si	10	Ty	-58.2	0.0	-5.0	58.8

----- PROGR. 148.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8-1		1168.3	3322.8	0.0	339.7	135.0	-47.5
1-1		0.0	3322.8	0.0	301.2	135.0	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx Si	79.7	0.0	0.0	79.7
1-1	si	7	Tz	9.2	9.1	0.0	18.3
8-1	si	9	Ty	49.0	0.0	7.4	50.7

----- PROGR. 169.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6-1		-0.4	0.0	0.0	470.8	180.0	-38.0
1-1		0.0	0.0	0.0	301.2	180.0	0.0
8-1		-0.6	0.0	0.0	339.7	180.0	-63.3
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	14.4	0.0	0.0	14.4
1-1	si	7	Tz	9.2	12.2	0.0	23.0
8-1	si	9	Ty	10.4	0.0	9.9	20.1
6-1	si	7	Si	14.4	12.2	0.0	25.5

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VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 69- 68) 62  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6-1		0.0	0.0	0.0	-75.8	-151.7	31.8
1-1		0.0	0.0	0.0	-48.3	-151.7	0.0
8-1		0.0	0.0	0.0	-55.6	-151.7	52.9
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-2.3	0.0	0.0	2.3
1-1	si	7	Tz	-1.5	-10.2	0.0	17.8
8-1	si	9	Ty	-1.7	0.0	-8.3	14.5
6-1	si	8	Si	-2.3	-10.2	0.0	17.9

----- PROGR. 18.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8-1		823.3	2359.7	0.0	-55.6	-113.8	39.7
1-1		0.0	2359.7	0.0	-48.3	-113.8	0.0
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-50.8	0.0	0.0	50.8
1-1	si	7	Tz	-1.5	-7.7	0.0	13.4



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

1-1			0.0	2359.7	0.0	251.1	-113.8	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	57.9	0.0	0.0	57.9	
1-1	si	7	Tz	7.7	-7.7	0.0	15.4	
8-1	si	9	Ty	36.4	0.0	-6.3	37.9	
								36.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
8-1		1411.3		4045.3	0.0	289.2	-75.8	26.5
1-1		0.0		4045.3	0.0	251.1	-75.8	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	93.0	0.0	0.0	93.0	
1-1	si	7	Tz	7.7	-5.1	0.0	11.7	
8-1	si	9	Ty	56.0	0.0	-4.2	56.5	
								53.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
8-1		1764.1		5056.6	0.0	289.2	-37.9	13.2
1-1		0.0		5056.6	0.0	251.1	-37.9	0.0
8-2		-1764.1		5056.6	0.0	213.0	-37.9	-13.2
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	114.0	0.0	0.0	114.0	
1-1	si	7	Tz	7.7	-2.6	0.0	8.9	
8-2	si	10	Ty	-52.4	0.0	2.1	52.5	
								71.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
8-1		1881.7		5393.7	0.0	289.2	0.0	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	121.1	0.0	0.0	121.1	
8-1	si	13	Tz	38.1	0.0	0.0	38.1	
8-1	si	5	Ty	92.0	0.0	0.0	92.0	
								89.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
8-1		1764.0		5056.6	0.0	289.2	37.9	-13.2
1-1		0.0		5056.6	0.0	251.1	37.9	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	114.0	0.0	0.0	114.0	
1-1	si	7	Tz	7.7	2.6	0.0	8.9	
8-1	si	9	Ty	67.8	0.0	2.1	67.9	
								107.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
8-1		1411.0		4045.3	0.0	289.2	75.8	-26.5
1-1		0.0		4045.3	0.0	251.1	75.8	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	93.0	0.0	0.0	93.0	
1-1	si	7	Tz	7.7	5.1	0.0	11.7	
8-1	si	9	Ty	56.0	0.0	4.2	56.5	
								124.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
8-1		822.9		2359.7	0.0	289.2	113.8	-39.7
1-1		0.0		2359.7	0.0	251.1	113.8	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	57.9	0.0	0.0	57.9	
1-1	si	7	Tz	7.7	7.7	0.0	15.4	
8-1	si	9	Ty	36.4	0.0	6.3	37.9	
								142.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		-0.3		0.0	0.0	394.6	151.7	-31.8
1-1		0.0		0.0	0.0	251.1	151.7	0.0
8-1		-0.5		0.0	0.0	289.2	151.7	-52.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	12.1	0.0	0.0	12.1	
1-1	si	7	Tz	7.7	10.2	0.0	19.3	
8-1	si	9	Ty	8.9	0.0	8.3	17.0	
6-1	si	7	Si	12.1	10.2	0.0	21.5	

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 75- 74) 65  
----- PROGR. 0.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
6-1		0.0		0.0	0.0	416.6	-164.2	34.4
1-1		0.0		0.0	0.0	264.4	-164.2	0.0
8-1		0.0		0.0	0.0	305.0	-164.2	57.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	1	Sx	12.8	0.0	0.0	12.8	
1-1	si	7	Tz	8.1	-11.1	0.0	20.9	
8-1	si	9	Ty	9.3	0.0	-9.0	18.2	
6-1	si	7	Si	12.8	-11.1	0.0	23.1	
								19.

SOLLECITAZIONI :								
Caso		MZ		MY	MT	N	TZ	TY
8-1		965.2		2766.6	0.0	305.0	-123.2	43.0
1-1		0.0		2766.6	0.0	264.4	-123.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	66.9	0.0	0.0	66.9
1- 1	si	7	Tz	8.1	-8.3	0.0	16.5
8- 1	si	9	Ty	41.6	0.0	-6.8	43.2

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1654.6	4742.7	0.0	305.0	-82.1	28.7
1- 1	0.0	4742.7	0.0	264.4	-82.1	0.0
8- 2	-1654.6	4742.7	0.0	223.9	-82.1	-28.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	108.0	0.0	0.0	108.0
1- 1	si	7	Tz	8.1	-5.5	0.0	12.6
8- 2	si	10	Ty	-48.4	0.0	4.5	49.0

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2068.2	5928.3	0.0	305.0	-41.1	14.3
1- 1	0.0	5928.3	0.0	264.4	-41.1	0.0
8- 2	-2068.2	5928.3	0.0	223.9	-41.1	-14.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	132.7	0.0	0.0	132.7
1- 1	si	7	Tz	8.1	-2.8	0.0	9.4
8- 2	si	10	Ty	-62.2	0.0	2.3	62.4

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2206.1	6323.5	0.0	305.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	140.9	0.0	0.0	140.9
8- 1	si	13	Tz	43.6	0.0	0.0	43.6
8- 1	si	5	Ty	106.9	0.0	0.0	106.9

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2068.1	5928.3	0.0	305.0	41.1	-14.3
1- 1	0.0	5928.3	0.0	264.4	41.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	132.7	0.0	0.0	132.7
1- 1	si	7	Tz	8.1	2.8	0.0	9.4
8- 1	si	9	Ty	78.4	0.0	2.3	78.5

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1654.3	4742.7	0.0	305.0	82.1	-28.7
1- 1	0.0	4742.7	0.0	264.4	82.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	108.0	0.0	0.0	108.0
1- 1	si	7	Tz	8.1	5.5	0.0	12.6
8- 1	si	9	Ty	64.6	0.0	4.5	65.1

----- PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	964.8	2766.6	0.0	305.0	123.2	-43.0
1- 1	0.0	2766.6	0.0	264.4	123.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	66.9	0.0	0.0	66.9
1- 1	si	7	Tz	8.1	8.3	0.0	16.5
8- 1	si	9	Ty	41.6	0.0	6.8	43.2

----- PROGR. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-0.3	0.0	0.0	416.6	164.2	-34.4
1- 1	0.0	0.0	0.0	264.4	164.2	0.0
8- 1	-0.6	0.0	0.0	305.0	164.2	-57.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	2	Sx	12.8	0.0	0.0	12.8
1- 1	si	7	Tz	8.1	11.1	0.0	20.9
8- 1	si	9	Ty	9.3	0.0	9.0	18.2
6- 1	si	7	Si	12.8	11.1	0.0	23.1

VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406  
 Y | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406  
 Caso11-15 - Nodo 3 - Asse Z  
 Ned = -14.4 | Mzeq = 0.0 | Myeq = 3741.4 | Ss = -58.2 ( 0.017)

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	-241.4	0.0	446.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-7.4	0.0	0.0	7.4
6- 1	si	13	Tz	-7.4	-16.4	0.0	29.3
6- 1	si	5	TySi	-7.4	0.0	-30.1	52.7

----- PROGR. 18.

SOLLECITAZIONI :



## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	6939.9	0.0	0.0	-241.4	0.0	334.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-114.4	0.0	0.0	114.4
6-1	si	13	Tz	-114.4	-12.3	0.0	116.4
6-1	si	5	Ty	-7.4	0.0	-22.6	39.8

----- PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	11897.0	0.0	0.0	-241.4	0.0	223.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-190.9	0.0	0.0	190.9
6-1	si	13	Tz	-190.9	-8.2	0.0	191.4
6-1	si	5	Ty	-7.4	0.0	-15.1	27.1

----- PROGR. 53.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	14871.2	0.0	0.0	-241.4	0.0	111.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-236.7	0.0	0.0	236.7
6-1	si	13	Tz	-236.7	-4.1	0.0	236.8
6-1	si	5	Ty	-7.4	0.0	-7.5	15.0

----- PROGR. 71.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15862.6	0.0	0.0	-241.4	0.0	0.0
8-1	12462.0	0.0	0.0	-177.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-252.0	0.0	0.0	252.0
8-1	si	13	Tz	-197.6	0.0	0.0	197.6
8-1	si	5	Ty	-5.4	0.0	0.0	5.4
6-1	si	13	Si	-252.0	0.0	0.0	252.0

----- PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	14871.1	0.0	0.0	-241.4	0.0	-111.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-236.7	0.0	0.0	236.7
6-1	si	13	Tz	-236.7	4.1	0.0	236.8
6-1	si	5	Ty	-7.4	0.0	7.5	15.0

----- PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	11896.8	0.0	0.0	-241.4	0.0	-223.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-190.9	0.0	0.0	190.9
6-1	si	13	Tz	-190.9	8.2	0.0	191.4
6-1	si	5	Ty	-7.4	0.0	15.1	27.1

----- PROGR. 124.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	6939.7	0.0	0.0	-241.4	0.0	-334.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-114.4	0.0	0.0	114.4
6-1	si	13	Tz	-114.4	12.3	0.0	116.4
6-1	si	5	Ty	-7.4	0.0	22.6	39.8

----- PROGR. 142.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-0.3	0.0	0.0	-241.4	0.0	-446.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-7.4	0.0	0.0	7.4
6-1	si	13	Tz	-7.4	16.4	0.0	29.3
6-1	si	5	TySi	-7.4	0.0	30.1	52.7

-----  
VERIFICA STABILITA` :

L0 = 142. |  
 Z |Lc = 142. |Ro = 2.82 |lm = 50.5 |Ncr= 265760.1 |alfa(a) = 0.2100 |ki = 0.8656 |  
 Y |Lc = 142. |Ro = 2.82 |lm = 50.5 |Ncr= 265760.1 |alfa(a) = 0.2100 |ki = 0.8656 |  
 Caso 6-1 - Nodo 1 - Asse Z  
 Ned = -241.4 |Mzeq = 13747.5 |Myeq = 0.0 |Ss = -220.7 ( 0.065 )

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 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-345.1	0.0	483.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-10.6	0.0	0.0	10.6
6-1	si	13	Tz	-10.6	-17.7	0.0	32.5
6-1	si	5	TySi	-10.6	0.0	-32.6	57.5

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8136.4	0.0	0.0	-345.1	0.0	362.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-136.0	0.0	0.0	136.0
6-1	si	13	Tz	-136.0	-13.3	0.0	138.0



Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-223.7	0.0	0.0	223.7
6-1	si	13	Tz Si	-223.7	-8.9	0.0	224.2
6-1	si	5	Ty	-8.6	0.0	-16.3	29.5

-----  
PROGR. 58.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	17435.0	0.0	0.0	-281.2	0.0	120.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-277.5	0.0	0.0	277.5
6-1	si	13	Tz Si	-277.5	-4.4	0.0	277.6
6-1	si	5	Ty	-8.6	0.0	-8.2	16.5

-----  
PROGR. 77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	18597.3	0.0	0.0	-281.2	0.0	0.0
8-1	14610.5	0.0	0.0	-206.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-295.4	0.0	0.0	295.4
8-1	si	13	Tz Si	-231.6	0.0	0.0	231.6
8-1	si	5	Ty	-6.3	0.0	0.0	6.3
6-1	si	13	Si	-295.4	0.0	0.0	295.4

-----  
PROGR. 96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	17434.9	0.0	0.0	-281.2	0.0	-120.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-277.5	0.0	0.0	277.5
6-1	si	13	Tz Si	-277.5	4.4	0.0	277.6
6-1	si	5	Ty	-8.6	0.0	8.2	16.5

-----  
PROGR. 115.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13947.8	0.0	0.0	-281.2	0.0	-241.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-223.7	0.0	0.0	223.7
6-1	si	13	Tz Si	-223.7	8.9	0.0	224.2
6-1	si	5	Ty	-8.6	0.0	16.3	29.5

-----  
PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8136.1	0.0	0.0	-281.2	0.0	-362.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-134.1	0.0	0.0	134.1
6-1	si	13	Tz Si	-134.1	13.3	0.0	136.1
6-1	si	5	Ty	-8.6	0.0	24.5	43.3

-----  
PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-0.3	0.0	0.0	-281.2	0.0	-483.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-8.6	0.0	0.0	8.6
6-1	si	13	Tz	-8.6	17.7	0.0	31.9
6-1	si	5	TySi	-8.6	0.0	32.6	57.2

## VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406 |  
 Y | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406 |  
 Caso 6-1 - Nodo 1 - Asse Z  
 Ned = -281.2 | Mzeq = 16117.6 | Myeq = 0.0 | Ss = -259.1 ( 0.077 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 39- 8 ) 133  
 -----  
 PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-277.7	0.0	449.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-8.5	0.0	0.0	8.5
6-1	si	14	Tz	-8.5	16.5	0.0	29.8
6-1	si	5	TySi	-8.5	0.0	-30.3	53.2

-----  
PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	7028.6	0.0	0.0	-277.7	0.0	336.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-116.9	0.0	0.0	116.9
6-1	si	14	Tz	99.9	12.4	0.0	102.2
6-1	si	5	Ty	-8.5	0.0	-22.7	40.3
6-1	si	13	Si	-116.9	-12.4	0.0	118.8

-----  
PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12049.0	0.0	0.0	-277.7	0.0	224.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-194.3	0.0	0.0	194.3
6-1	si	14	Tz	177.3	8.2	0.0	177.9
6-1	si	5	Ty	-8.5	0.0	-15.2	27.6
6-1	si	13	Si	-194.3	-8.2	0.0	194.8

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

----- PROGR. 54.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	15061.2	0.0	0.0	-277.7	0.0	112.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-240.8	0.0	0.0	240.8
6-1	si	14	Tz	223.8	4.1	0.0	223.9
6-1	si	5	Ty	-8.5	0.0	-7.6	15.6
6-1	si	13	Si	-240.8	-4.1	0.0	240.9

----- PROGR. 72.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	16065.3	0.0	0.0	-277.7	0.0	0.0	
8-1	12621.3	0.0	0.0	-203.3	0.0	0.0	
8-2	5832.9	0.0	0.0	-149.0	0.0	0.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-256.3	0.0	0.0	256.3
8-1	si	13	Tz	-200.9	0.0	0.0	200.9
8-2	si	5	Ty	-4.6	0.0	0.0	4.6
6-1	si	13	Si	-256.3	0.0	0.0	256.3

----- PROGR. 89.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	15061.1	0.0	0.0	-277.7	0.0	-112.2	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-240.8	0.0	0.0	240.8
6-1	si	13	Tz Si	-240.8	4.1	0.0	240.9
6-1	si	5	Ty	-8.5	0.0	7.6	15.6

----- PROGR. 107.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	12048.8	0.0	0.0	-277.7	0.0	-224.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-194.3	0.0	0.0	194.3
6-1	si	13	Tz Si	-194.3	8.2	0.0	194.8
6-1	si	5	Ty	-8.5	0.0	15.2	27.6

----- PROGR. 125.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	7028.3	0.0	0.0	-277.7	0.0	-336.7	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-116.9	0.0	0.0	116.9
6-1	si	13	Tz Si	-116.9	12.4	0.0	118.8
6-1	si	5	Ty	-8.5	0.0	22.7	40.3

----- PROGR. 143.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	-0.3	0.0	0.0	-277.7	0.0	-449.0	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	-8.5	0.0	0.0	8.5
6-1	si	13	Tz	-8.5	16.5	0.0	29.8
6-1	si	5	TySi	-8.5	0.0	30.3	53.2

-----  
VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Y | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Caso 6-1 - Nodo 1 - Asse Z  
 Ned = -277.7 | Mzeq = 13923.2 | Myeq = 0.0 | Ss = -224.8 ( 0.066 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 10- 30) 134  
----- PROGR. 0.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
11-5	0.0	0.0	0.0	187.0	0.0	83.3	
6-1	0.0	0.0	0.0	69.5	0.0	441.1	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	1	Sx	5.7	0.0	0.0	5.7
6-1	si	13	Tz	2.1	-16.2	0.0	28.1
6-1	si	5	TySi	2.1	0.0	-29.8	51.6

----- PROGR. 18.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	6779.1	0.0	0.0	69.5	0.0	330.8	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	106.7	0.0	0.0	106.7
6-1	si	13	Tz	-102.4	-12.1	0.0	104.6
6-1	si	5	Ty	2.1	0.0	-22.3	38.8
6-1	si	14	Si	106.7	12.1	0.0	108.7

----- PROGR. 35.

SOLLECITAZIONI :							
Caso	MZ	MY	MT	N	TZ	TY	
6-1	11621.3	0.0	0.0	69.5	0.0	220.5	
TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	181.3	0.0	0.0	181.3
6-1	si	13	Tz	-177.1	-8.1	0.0	177.6
6-1	si	5	Ty	2.1	0.0	-14.9	25.9
6-1	si	14	Si	181.3	8.1	0.0	181.9

----- PROGR. 53.

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 14526.6 0.0 0.0 69.5 0.0 110.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 226.1 0.0 0.0 226.1  
 6-1 si 13 Tz -221.9 -4.0 0.0 222.0  
 6-1 si 5 Ty 2.1 0.0 -7.4 13.1  
 6-1 si 14 Si 226.1 4.0 0.0 226.3

PROGR. 70.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 15495.0 0.0 0.0 69.5 0.0 0.0  
 8-1 12181.2 0.0 0.0 50.0 0.0 0.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 241.1 0.0 0.0 241.1  
 8-1 si 13 Tz -186.3 0.0 0.0 186.3  
 8-1 si 5 Ty 1.5 0.0 0.0 1.5  
 6-1 si 14 Si 241.1 0.0 0.0 241.1

PROGR. 88.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 14526.5 0.0 0.0 69.5 0.0 -110.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 226.1 0.0 0.0 226.1  
 6-1 si 13 Tz -221.9 4.0 0.0 222.0  
 6-1 si 5 Ty 2.1 0.0 7.4 13.1  
 6-1 si 14 Si 226.1 -4.0 0.0 226.3

PROGR. 105.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 11621.1 0.0 0.0 69.5 0.0 -220.5

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 181.3 0.0 0.0 181.3  
 6-1 si 13 Tz -177.1 8.1 0.0 177.6  
 6-1 si 5 Ty 2.1 0.0 14.9 25.9  
 6-1 si 14 Si 181.3 -8.1 0.0 181.9

PROGR. 123.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 6778.8 0.0 0.0 69.5 0.0 -330.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 106.7 0.0 0.0 106.7  
 6-1 si 13 Tz -102.4 12.1 0.0 104.5  
 6-1 si 5 Ty 2.1 0.0 22.3 38.8  
 6-1 si 14 Si 106.7 -12.1 0.0 108.7

PROGR. 141.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 11-5 0.0 0.0 0.0 187.0 0.0 -83.3  
 6-1 -0.3 0.0 0.0 69.5 0.0 -441.1

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 11-5 si 3 Sx 5.7 0.0 0.0 5.7  
 6-1 si 13 Tz 2.1 16.2 0.0 28.1  
 6-1 si 5 TySi 2.1 0.0 29.8 51.6

VERIFICA STABILITA` :

L0 = 141.  
 Z Lc = 141. | Ro = 2.82 | lm = 49.9 | Ncr = 272222.8 | alfa(a) = 0.2100 | ki = 0.8690  
 Y Lc = 141. | Ro = 2.82 | lm = 49.9 | Ncr = 272222.8 | alfa(a) = 0.2100 | ki = 0.8690  
 Caso 11-12 - Nodo 1 - Asse Z  
 Ned = -154.4 | Mzeq = 2537.8 | Myeq = 0.0 | Ss = -44.6 ( 0.013)

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 PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 11-14 0.0 0.0 0.0 -44.3 0.0 100.1  
 8-1 0.0 0.0 0.0 -26.3 0.0 258.2

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 11-14 si 1 Sx -1.4 0.0 0.0 1.4  
 8-1 si 14 Tz -0.8 9.5 0.0 16.4  
 8-1 si 5 TySi -0.8 0.0 -17.4 30.2

PROGR. 21.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 8-1 4766.1 0.0 0.0 -26.3 0.0 193.6

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 8-1 si 1 Sx -74.3 0.0 0.0 74.3  
 8-1 si 14 Tz 72.7 7.1 0.0 73.7  
 8-1 si 5 Ty -0.8 0.0 -13.1 22.7  
 8-1 si 13 Si -74.3 -7.1 0.0 75.3

PROGR. 42.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 8-1 8170.5 0.0 0.0 -26.3 0.0 129.1

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 8-1 si 1 Sx -126.8 0.0 0.0 126.8  
 8-1 si 14 Tz 125.2 4.7 0.0 125.5  
 8-1 si 5 Ty -0.8 0.0 -8.7 15.1

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

| 8- 1|si|13| Si | -126.8| -4.7| 0.0| 127.1|  
----- PROGR. 63.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	10213.0	0.0	0.0	-26.3	0.0	64.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	1	Sx	-158.3	0.0	0.0	158.3
8- 1	si	14	Tz	156.7	2.4	0.0	156.7
8- 1	si	5	Ty	-0.8	0.0	-4.4	7.6
8- 1	si	13	Si	-158.3	-2.4	0.0	158.4

----- PROGR. 84.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	10893.8	0.0	0.0	-26.3	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	1	Sx	-168.8	0.0	0.0	168.8
8- 1	si	13	Tz Si	-168.8	0.0	0.0	168.8
8- 1	si	5	Ty	-0.8	0.0	0.0	0.8

----- PROGR. 105.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	10212.9	0.0	0.0	-26.3	0.0	-64.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	1	Sx	-158.3	0.0	0.0	158.3
8- 1	si	13	Tz Si	-158.3	2.4	0.0	158.4
8- 1	si	5	Ty	-0.8	0.0	4.4	7.6

----- PROGR. 127.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	8170.1	0.0	0.0	-26.3	0.0	-129.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	1	Sx	-126.8	0.0	0.0	126.8
8- 1	si	13	Tz Si	-126.8	4.7	0.0	127.1
8- 1	si	5	Ty	-0.8	0.0	8.7	15.1

----- PROGR. 148.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	4765.6	0.0	0.0	-26.3	0.0	-193.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	1	Sx	-74.3	0.0	0.0	74.3
8- 1	si	13	Tz Si	-74.3	7.1	0.0	75.3
8- 1	si	5	Ty	-0.8	0.0	13.1	22.7

----- PROGR. 169.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-14	0.0	0.0	0.0	-44.3	0.0	-100.1
8- 1	-0.6	0.0	0.0	-26.3	0.0	-258.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-14	si	4	Sx	-1.4	0.0	0.0	1.4
8- 1	si	13	Tz	-0.8	9.5	0.0	16.4
8- 1	si	5	TySi	-0.8	0.0	17.4	30.2

## VERIFICA STABILITA` :

L0 = 169.  
Z Lc = 169. | Ro = 2.82 | lm = 59.9 | Ncr = 188733.3 | alfa(a) = 0.2100 | ki = 0.8050  
Y Lc = 169. | Ro = 2.82 | lm = 59.9 | Ncr = 188733.3 | alfa(a) = 0.2100 | ki = 0.8050  
Caso 8- 1 - Nodo 1 - Asse Z  
Ned = -26.3 | Mzeq = 9441.2 | Myeq = 0.0 | Ss = -146.6 ( 0.043)

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----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	147.9	0.0	84.4
6- 1	0.0	0.0	0.0	131.7	0.0	446.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	4.5	0.0	0.0	4.5
6- 1	si	13	Tz	4.0	-16.4	0.0	28.7
6- 1	si	5	TySi	4.0	0.0	-30.2	52.4

----- PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	6943.9	0.0	0.0	131.7	0.0	334.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	111.1	0.0	0.0	111.1
6- 1	si	13	Tz	-103.0	-12.3	0.0	105.2
6- 1	si	5	Ty	4.0	0.0	-22.6	39.4
6- 1	si	14	Si	111.1	12.3	0.0	113.1

----- PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	11903.9	0.0	0.0	131.7	0.0	223.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	187.6	0.0	0.0	187.6
6- 1	si	13	Tz	-179.5	-8.2	0.0	180.1
6- 1	si	5	Ty	4.0	0.0	-15.1	26.4
6- 1	si	14	Si	187.6	8.2	0.0	188.1

----- PROGR. 53.

## SOLLECITAZIONI :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	MZ	MY	MT	N	TZ	TY
6-1	14879.8	0.0	0.0	131.7	0.0	111.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	233.5	0.0	0.0	233.5
6-1	si	13	Tz	-225.4	-4.1	0.0	225.5
6-1	si	5	Ty	4.0	0.0	-7.5	13.7
6-1	si	14	Si	233.5	4.1	0.0	233.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15871.8	0.0	0.0	131.7	0.0	0.0
8-1	12477.4	0.0	0.0	94.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	248.8	0.0	0.0	248.8
8-1	si	13	Tz	-189.5	0.0	0.0	189.5
8-1	si	5	Ty	2.9	0.0	0.0	2.9
6-1	si	14	Si	248.8	0.0	0.0	248.8

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	14879.8	0.0	0.0	131.7	0.0	-111.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	233.5	0.0	0.0	233.5
6-1	si	13	Tz	-225.4	4.1	0.0	225.5
6-1	si	5	Ty	4.0	0.0	7.5	13.7
6-1	si	14	Si	233.5	-4.1	0.0	233.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	11903.7	0.0	0.0	131.7	0.0	-223.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	187.6	0.0	0.0	187.6
6-1	si	13	Tz	-179.5	8.2	0.0	180.1
6-1	si	5	Ty	4.0	0.0	15.1	26.4
6-1	si	14	Si	187.6	-8.2	0.0	188.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	6943.7	0.0	0.0	131.7	0.0	-334.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	111.1	0.0	0.0	111.1
6-1	si	13	Tz	-103.0	12.3	0.0	105.2
6-1	si	5	Ty	4.0	0.0	22.6	39.4
6-1	si	14	Si	111.1	-12.3	0.0	113.1

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	147.9	0.0	-84.4
6-1	-0.3	0.0	0.0	131.7	0.0	-446.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	3	Sx	4.5	0.0	0.0	4.5
6-1	si	13	Tz	4.0	16.4	0.0	28.7
6-1	si	5	TySi	4.0	0.0	30.2	52.4

VERIFICA STABILITA` :

L0 = 142. |  
 Z | Lc = 142. | Ro = 2.82 | lm = 50.5 | Ncr = 265760.1 | alfa(a) = 0.2100 | ki = 0.8656 |  
 Y | Lc = 142. | Ro = 2.82 | lm = 50.5 | Ncr = 265760.1 | alfa(a) = 0.2100 | ki = 0.8656 |  
 Caso12-6 - Nodo 1 - Asse Z  
 Ned = -86.7 | Mzeq = 2599.5 | Myeq = 0.0 | Ss = -43.2 ( 0.013 )

CASSONE\_s002 ( 2 ) stato limite ultimo - ASTA ( 32- 33 ) 137  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	142.5	0.0	91.3
6-1	0.0	0.0	0.0	135.2	0.0	483.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	4.4	0.0	0.0	4.4
6-1	si	14	Tz	4.1	17.7	0.0	31.0
6-1	si	5	TySi	4.1	0.0	-32.6	56.7

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	8141.1	0.0	0.0	135.2	0.0	362.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	129.7	0.0	0.0	129.7
6-1	si	14	Tz	129.7	13.3	0.0	131.7
6-1	si	5	Ty	4.1	0.0	-24.5	42.6

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	13956.1	0.0	0.0	135.2	0.0	241.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	219.4	0.0	0.0	219.4
6-1	si	14	Tz	219.4	8.9	0.0	219.9
6-1	si	5	Ty	4.1	0.0	-16.3	28.6
6-1	si	16	Si	219.4	-8.9	0.0	219.9

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SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 17445.2 0.0 0.0 135.2 0.0 120.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 273.2 0.0 0.0 273.2  
 6-1 si 14 Tz 273.2 4.4 0.0 273.3  
 6-1 si 5 Ty 4.1 0.0 -8.2 14.7  
 6-1 si 16 Si 273.2 -4.4 0.0 273.3

PROGR. 77.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 18608.1 0.0 0.0 135.2 0.0 0.0  
 8-2 6734.1 0.0 0.0 76.6 0.0 0.0

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 291.1 0.0 0.0 291.1  
 8-2 si 14 Tz 106.2 0.0 0.0 106.2  
 8-2 si 5 Ty 2.3 0.0 0.0 2.3  
 6-1 si 16 Si 291.1 0.0 0.0 291.1

PROGR. 96.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 17445.1 0.0 0.0 135.2 0.0 -120.8

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 273.2 0.0 0.0 273.2  
 6-1 si 13 Tz -264.9 4.4 0.0 265.0  
 6-1 si 5 Ty 4.1 0.0 8.2 14.7  
 6-1 si 16 Si 273.2 4.4 0.0 273.3

PROGR. 116.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 13956.0 0.0 0.0 135.2 0.0 -241.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 219.4 0.0 0.0 219.4  
 6-1 si 13 Tz -211.1 8.9 0.0 211.6  
 6-1 si 5 Ty 4.1 0.0 16.3 28.6  
 6-1 si 16 Si 219.4 8.9 0.0 219.9

PROGR. 135.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 8140.8 0.0 0.0 135.2 0.0 -362.5

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 129.7 0.0 0.0 129.7  
 6-1 si 13 Tz -121.4 13.3 0.0 123.6  
 6-1 si 5 Ty 4.1 0.0 24.5 42.6  
 6-1 si 16 Si 129.7 13.3 0.0 131.7

PROGR. 154.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 12-11 0.0 0.0 0.0 142.5 0.0 -91.3  
 6-1 -0.3 0.0 0.0 135.2 0.0 -483.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 12-11 si 3 Sx 4.4 0.0 0.0 4.4  
 6-1 si 13 Tz 4.1 17.7 0.0 31.0  
 6-1 si 5 Ty 4.1 0.0 32.6 56.7  
 6-1 si 6 Si 4.1 0.0 32.6 56.7

VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. Ro = 2.82 lm = 54.6 Ncr = 226679.8 alfa(a) = 0.2100 ki = 0.8406  
 Y Lc = 154. Ro = 2.82 lm = 54.6 Ncr = 226679.8 alfa(a) = 0.2100 ki = 0.8406  
 Casol2- 6 - Nodo 2 - Asse Z  
 Ned = -79.7 Mzeq = 3047.7 Myeq = 0.0 Ss = -49.9 ( 0.015)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 33- 34) 138  
 PROGR. 0.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 11-5 0.0 0.0 0.0 258.7 0.0 91.3  
 6-1 0.0 0.0 0.0 135.3 0.0 483.3

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 11-5 si 1 Sx 7.9 0.0 0.0 7.9  
 6-1 si 13 Tz 4.1 -17.7 0.0 31.0  
 6-1 si 5 TySi 4.1 0.0 -32.6 56.7

PROGR. 19.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 8141.1 0.0 0.0 135.3 0.0 362.5

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 129.7 0.0 0.0 129.7  
 6-1 si 13 Tz -121.4 -13.3 0.0 123.6  
 6-1 si 5 Ty 4.1 0.0 -24.5 42.6  
 6-1 si 14 Si 129.7 13.3 0.0 131.7

PROGR. 38.

SOLLECITAZIONI :  
 Caso MZ MY MT N TZ TY  
 6-1 13956.2 0.0 0.0 135.3 0.0 241.7

TENSIONI (Sz= 0.00) :  
 Caso Ve No massimi Sx Tz Ty Si  
 6-1 si 3 Sx 219.4 0.0 0.0 219.4  
 6-1 si 13 Tz -211.1 -8.9 0.0 211.6



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6- 1	si	5	Ty	4.1	0.0	-16.3	28.6
6- 1	si	14	Si	219.4	8.9	0.0	219.9

----- PROGR. 58.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6- 1		17445.2	0.0	0.0	135.3	0.0	120.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	273.2	0.0	0.0	273.2
6- 1	si	13	Tz	-264.9	-4.4	0.0	265.0
6- 1	si	5	Ty	4.1	0.0	-8.2	14.7
6- 1	si	14	Si	273.2	4.4	0.0	273.3

----- PROGR. 77.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6- 1		18608.2	0.0	0.0	135.3	0.0	0.0
8- 1		14628.6	0.0	0.0	97.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	291.1	0.0	0.0	291.1
8- 1	si	13	Tz	-222.6	0.0	0.0	222.6
8- 1	si	5	Ty	3.0	0.0	0.0	3.0
6- 1	si	14	Si	291.1	0.0	0.0	291.1

----- PROGR. 96.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6- 1		17445.1	0.0	0.0	135.3	0.0	-120.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	273.2	0.0	0.0	273.2
6- 1	si	13	Tz	-264.9	4.4	0.0	265.0
6- 1	si	5	Ty	4.1	0.0	8.2	14.7
6- 1	si	14	Si	273.2	-4.4	0.0	273.3

----- PROGR. 115.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6- 1		13956.0	0.0	0.0	135.3	0.0	-241.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	219.4	0.0	0.0	219.4
6- 1	si	13	Tz	-211.1	8.9	0.0	211.6
6- 1	si	5	Ty	4.1	0.0	16.3	28.6
6- 1	si	14	Si	219.4	-8.9	0.0	219.9

----- PROGR. 135.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6- 1		8140.8	0.0	0.0	135.3	0.0	-362.5

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	129.7	0.0	0.0	129.7
6- 1	si	13	Tz	-121.4	13.3	0.0	123.6
6- 1	si	5	Ty	4.1	0.0	24.5	42.6
6- 1	si	14	Si	129.7	-13.3	0.0	131.7

----- PROGR. 154.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
11- 5		0.0	0.0	0.0	258.7	0.0	-91.3
6- 1		-0.3	0.0	0.0	135.3	0.0	-483.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	7.9	0.0	0.0	7.9
6- 1	si	13	Tz	4.2	17.7	0.0	31.0
6- 1	si	5	TySi	4.1	0.0	32.6	56.7

VERIFICA STABILITA` :

L0 = 154.  
 Z |Lc = 154. |Ro = 2.82 |lm = 54.6 |Ncr = 226679.8 |alfa(a) = 0.2100 |ki = 0.8406 |  
 Y |Lc = 154. |Ro = 2.82 |lm = 54.6 |Ncr = 226679.8 |alfa(a) = 0.2100 |ki = 0.8406 |  
 Caso11-12 - Nodo 1 - Asse Z  
 Ned = -195.8 |Mzeq = 3047.7 |Myeq = 0.0 |Ss = -54.2 ( 0.016)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 34- 35) 139  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
11- 5		0.0	0.0	0.0	266.8	0.0	84.9
6- 1		0.0	0.0	0.0	132.0	0.0	449.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11- 5	si	1	Sx	8.2	0.0	0.0	8.2
6- 1	si	13	Tz	4.0	-16.5	0.0	28.8
6- 1	si	5	TySi	4.0	0.0	-30.3	52.7

----- PROGR. 18.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6- 1		7032.7	0.0	0.0	132.0	0.0	336.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	4	Sx	112.5	0.0	0.0	112.5
6- 1	si	13	Tz	-104.4	-12.4	0.0	106.6
6- 1	si	5	Ty	4.0	0.0	-22.8	39.6
6- 1	si	14	Si	112.5	12.4	0.0	114.5

----- PROGR. 36.

SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6- 1		12056.0	0.0	0.0	132.0	0.0	224.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
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6-1	si	4	Sx	190.0	0.0	0.0	190.0
6-1	si	13	Tz	-181.9	-8.2	0.0	182.4
6-1	si	5	Ty	4.0	0.0	-15.2	26.6
6-1	si	14	Si	190.0	8.2	0.0	190.5

----- PROGR. 54.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15070.0	0.0	0.0	132.0	0.0	112.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	236.4	0.0	0.0	236.4
6-1	si	13	Tz	-228.4	-4.1	0.0	228.5
6-1	si	5	Ty	4.0	0.0	-7.6	13.7
6-1	si	14	Si	236.4	4.1	0.0	236.6

----- PROGR. 72.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	16074.6	0.0	0.0	132.0	0.0	0.0
8-2	5817.3	0.0	0.0	74.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	251.9	0.0	0.0	251.9
8-2	si	13	Tz	-87.4	0.0	0.0	87.4
8-2	si	5	Ty	2.3	0.0	0.0	2.3
6-1	si	14	Si	251.9	0.0	0.0	251.9

----- PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15069.9	0.0	0.0	132.0	0.0	-112.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	236.4	0.0	0.0	236.4
6-1	si	14	Tz Si	236.4	-4.1	0.0	236.6
6-1	si	5	Ty	4.0	0.0	7.6	13.7

----- PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12055.8	0.0	0.0	132.0	0.0	-224.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	190.0	0.0	0.0	190.0
6-1	si	14	Tz Si	190.0	-8.2	0.0	190.5
6-1	si	5	Ty	4.0	0.0	15.2	26.6

----- PROGR. 125.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	7032.4	0.0	0.0	132.0	0.0	-336.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	4	Sx	112.5	0.0	0.0	112.5
6-1	si	14	Tz Si	112.5	-12.4	0.0	114.5
6-1	si	5	Ty	4.0	0.0	22.8	39.6

----- PROGR. 143.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-5	0.0	0.0	0.0	266.8	0.0	-84.9
6-1	-0.3	0.0	0.0	132.0	0.0	-449.2

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-5	si	3	Sx	8.2	0.0	0.0	8.2
6-1	si	14	Tz	4.0	-16.5	0.0	28.8
6-1	si	5	TySi	4.0	0.0	30.3	52.7

## VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Y | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Caso 11-12 - Nodo 2 - Asse Z  
 Ned = -205.5 | Mzeq = 2632.7 | Myeq = 0.0 | Ss = -47.9 ( 0.014)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 35- 36) 140  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-7	0.0	0.0	0.0	-52.9	0.0	99.6
6-1	0.0	0.0	0.0	-42.7	0.0	526.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-7	si	1	Sx	-1.6	0.0	0.0	1.6
6-1	si	14	Tz	-1.3	19.3	0.0	33.5
6-1	si	5	TySi	-1.3	0.0	-35.6	61.7

----- PROGR. 21.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	9673.3	0.0	0.0	-42.7	0.0	395.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-150.5	0.0	0.0	150.5
6-1	si	14	Tz	147.9	14.5	0.0	150.0
6-1	si	5	Ty	-1.3	0.0	-26.7	46.2
6-1	si	13	Si	-150.5	-14.5	0.0	152.6

----- PROGR. 42.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	16582.7	0.0	0.0	-42.7	0.0	263.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-257.0	0.0	0.0	257.0

6-1	si	14	Tz	254.4	9.7	0.0	255.0
6-1	si	5	Ty	-1.3	0.0	-17.8	30.8
6-1	si	13	Si	-257.0	-9.7	0.0	257.6

----- PROGR. 63.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		20728.4	0.0	0.0	-42.7	0.0	131.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-321.0	0.0	0.0	321.0
6-1	si	14	Tz	318.4	4.8	0.0	318.5
6-1	si	5	Ty	-1.3	0.0	-8.9	15.5
6-1	si	13	Si	-321.0	-4.8	0.0	321.1

----- PROGR. 84.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		22110.2	0.0	0.0	-42.7	0.0	0.0
8-1		17381.7	0.0	0.0	-30.9	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-342.3	0.0	0.0	342.3
8-1	si	13	Tz	-269.0	0.0	0.0	269.0
8-1	si	5	Ty	-0.9	0.0	0.0	0.9
6-1	si	13	Si	-342.3	0.0	0.0	342.3

----- PROGR. 105.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		20728.3	0.0	0.0	-42.7	0.0	-131.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-321.0	0.0	0.0	321.0
6-1	si	13	Tz	-321.0	4.8	0.0	321.1
6-1	si	5	Ty	-1.3	0.0	8.9	15.5

----- PROGR. 126.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		16582.5	0.0	0.0	-42.7	0.0	-263.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-257.0	0.0	0.0	257.0
6-1	si	13	Tz	-257.0	9.7	0.0	257.6
6-1	si	5	Ty	-1.3	0.0	17.8	30.8

----- PROGR. 147.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		9673.0	0.0	0.0	-42.7	0.0	-395.1

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	-150.5	0.0	0.0	150.5
6-1	si	13	Tz	-150.5	14.5	0.0	152.6
6-1	si	5	Ty	-1.3	0.0	26.7	46.2

----- PROGR. 168.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-7		0.0	0.0	0.0	-52.9	0.0	-99.6
6-1		-0.4	0.0	0.0	-42.7	0.0	-526.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-7	si	3	Sx	-1.6	0.0	0.0	1.6
6-1	si	13	Tz	-1.3	19.3	0.0	33.5
6-1	si	5	TySi	-1.3	0.0	35.6	61.7

## VERIFICA STABILITA` :

L0 = 168.  
 Z | Lc = 168. | Ro = 2.82 | lm = 59.5 | Ncr = 190775.8 | alfa(a) = 0.2100 | ki = 0.8073 |  
 Y | Lc = 168. | Ro = 2.82 | lm = 59.5 | Ncr = 190775.8 | alfa(a) = 0.2100 | ki = 0.8073 |  
 Caso 6-1 - Nodo 1 - Asse Z  
 Ned = -42.7 | Mzeq = 19162.1 | Myeq = 0.0 | Ss = -297.2 ( 0.088 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 36- 9 ) 141  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
12-11		0.0	0.0	0.0	228.3	0.0	85.9
6-1		0.0	0.0	0.0	67.9	0.0	454.6

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	7.0	0.0	0.0	7.0
6-1	si	13	Tz	2.1	-16.7	0.0	29.0
6-1	si	5	TySi	2.1	0.0	-30.7	53.2

----- PROGR. 18.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		7201.0	0.0	0.0	67.9	0.0	340.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	113.1	0.0	0.0	113.1
6-1	si	13	Tz	-109.0	-12.5	0.0	111.1
6-1	si	5	Ty	2.1	0.0	-23.0	39.9
6-1	si	14	Si	113.1	12.5	0.0	115.2

----- PROGR. 36.

## SOLLECITAZIONI :

Caso		MZ	MY	MT	N	TZ	TY
6-1		12344.5	0.0	0.0	67.9	0.0	227.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	192.4	0.0	0.0	192.4
6-1	si	13	Tz	-188.3	-8.3	0.0	188.8

6-1	si	5	Ty	2.1	0.0	-15.4	26.7
6-1	si	14	Si	192.4	8.3	0.0	193.0

----- PROGR. 54.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15430.6	0.0	0.0	67.9	0.0	113.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	240.0	0.0	0.0	240.0
6-1	si	13	Tz	-235.9	-4.2	0.0	236.0
6-1	si	5	Ty	2.1	0.0	-7.7	13.5
6-1	si	14	Si	240.0	4.2	0.0	240.2

----- PROGR. 72.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	16459.3	0.0	0.0	67.9	0.0	0.0
8-1	12939.3	0.0	0.0	48.8	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	255.9	0.0	0.0	255.9
8-1	si	13	Tz	-198.0	0.0	0.0	198.0
8-1	si	5	Ty	1.5	0.0	0.0	1.5
6-1	si	14	Si	255.9	0.0	0.0	255.9

----- PROGR. 91.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	15430.5	0.0	0.0	67.9	0.0	-113.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	240.0	0.0	0.0	240.0
6-1	si	13	Tz	-235.9	4.2	0.0	236.0
6-1	si	5	Ty	2.1	0.0	7.7	13.5
6-1	si	14	Si	240.0	-4.2	0.0	240.1

----- PROGR. 109.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	12344.3	0.0	0.0	67.9	0.0	-227.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	192.4	0.0	0.0	192.4
6-1	si	13	Tz	-188.3	8.3	0.0	188.8
6-1	si	5	Ty	2.1	0.0	15.4	26.7
6-1	si	14	Si	192.4	-8.3	0.0	193.0

----- PROGR. 127.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	7200.7	0.0	0.0	67.9	0.0	-340.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	113.1	0.0	0.0	113.1
6-1	si	13	Tz	-109.0	12.5	0.0	111.1
6-1	si	5	Ty	2.1	0.0	23.0	39.9
6-1	si	14	Si	113.1	-12.5	0.0	115.2

----- PROGR. 145.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
12-11	0.0	0.0	0.0	228.3	0.0	-85.9
6-1	-0.3	0.0	0.0	67.9	0.0	-454.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
12-11	si	1	Sx	7.0	0.0	0.0	7.0
6-1	si	13	Tz	2.1	16.7	0.0	29.0
6-1	si	5	TySi	2.1	0.0	30.7	53.2

## VERIFICA STABILITA` :

L0 = 145.  
 Z |Lc = 145. |Ro = 2.82|lm = 51.4|Ncr= 256274.6|alfa(a)=0.2100|ki=0.8603|  
 Y |Lc = 145. |Ro = 2.82|lm = 51.4|Ncr= 256274.6|alfa(a)=0.2100|ki=0.8603|  
 Caso12- 6 - Nodo 1 - Asse Z  
 Ned = -196.3|Mzeq = 2695.7|Myeq = 0.0|Ss = -48.6 ( 0.014)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 104- 106) 190  
 ----- PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-45.3	-164.2	34.7
1-1	0.0	0.0	0.0	-29.0	-164.2	0.0
8-1	0.0	0.0	0.0	-32.7	-164.2	57.8

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1.4	0.0	0.0	1.4
1-1	si	7	Tz	-0.9	-11.1	0.0	19.2
8-1	si	9	Ty	-1.0	0.0	-9.1	15.7
6-1	si	8	Si	-1.4	-11.1	0.0	19.3

----- PROGR. 19.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	973.1	2766.6	0.0	-32.7	-123.2	43.3
1-1	0.0	2766.6	0.0	-29.0	-123.2	0.0
8-2	-973.1	2766.6	0.0	-25.3	-123.2	-43.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx	-58.7	0.0	0.0	58.7
1-1	si	7	Tz	-0.9	-8.3	0.0	14.4
8-2	si	10	Ty	-32.9	0.0	6.8	35.0

----- PROGR. 39.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

8- 1	1668.2	4742.7	0.0	-32.7	-82.1	28.9
1- 1	0.0	4742.7	0.0	-29.0	-82.1	0.0
8- 2	-1668.2	4742.7	0.0	-25.3	-82.1	-28.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	2	Sx	Si	-99.9	0.0	0.0	99.9
1- 1	si	7	Tz		-0.9	-5.5	0.0	9.6
8- 2	si	10	Ty		-55.9	0.0	4.5	56.5

PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2085.2	5928.3	0.0	-32.7	-41.1	14.4
1- 1	0.0	5928.3	0.0	-29.0	-41.1	0.0
8- 2	-2085.2	5928.3	0.0	-25.3	-41.1	-14.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	2	Sx	Si	-124.6	0.0	0.0	124.6
1- 1	si	7	Tz		-0.9	-2.8	0.0	4.9
8- 2	si	10	Ty		-69.7	0.0	2.3	69.8

PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2224.1	6323.5	0.0	-32.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	2	Sx	Si	-132.8	0.0	0.0	132.8
8- 1	si	14	Tz		101.6	0.0	0.0	101.6
8- 1	si	5	Ty		96.5	0.0	0.0	96.5

PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2085.0	5928.3	0.0	-32.7	41.1	-14.4
1- 1	0.0	5928.3	0.0	-29.0	41.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	2	Sx	Si	-124.6	0.0	0.0	124.6
1- 1	si	7	Tz		-0.9	2.8	0.0	4.9
8- 1	si	9	Ty		67.9	0.0	2.3	68.0

PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1667.9	4742.7	0.0	-32.7	82.1	-28.9
1- 1	0.0	4742.7	0.0	-29.0	82.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	2	Sx	Si	-99.9	0.0	0.0	99.9
1- 1	si	7	Tz		-0.9	5.5	0.0	9.6
8- 1	si	9	Ty		54.1	0.0	4.5	54.7

PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	972.7	2766.6	0.0	-32.7	123.2	-43.3
1- 1	0.0	2766.6	0.0	-29.0	123.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	2	Sx	Si	-58.7	0.0	0.0	58.7
1- 1	si	7	Tz		-0.9	8.3	0.0	14.4
8- 1	si	9	Ty		31.2	0.0	6.8	33.3

PROGR. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-0.3	0.0	0.0	-45.3	164.2	-34.7
1- 1	0.0	0.0	0.0	-29.0	164.2	0.0
8- 1	-0.6	0.0	0.0	-32.7	164.2	-57.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	3	Sx		-1.4	0.0	0.0	1.4
1- 1	si	7	Tz		-0.9	11.1	0.0	19.2
8- 1	si	9	Ty		-1.0	0.0	9.1	15.7
6- 1	si	8	Si		-1.4	11.1	0.0	19.3

VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406 |  
 Y | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406 |  
 Caso 8- 1 - Nodo 2 - Asse Z  
 Ned = -32.7 | Mzeq = 1927.5 | Myeq = 5480.4 | Ss = -115.4 ( 0.034 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 106- 108 ) 192  
 PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-47.5	-112.1	0.0
1- 1	0.0	0.0	0.0	-30.0	-164.2	0.0
8- 1	0.0	0.0	0.0	-33.8	-164.2	57.8
6- 1	0.0	0.0	0.0	-46.9	-164.2	34.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-12	si	1	Sx		-1.5	0.0	0.0	1.5
1- 1	si	7	Tz		-0.9	-11.1	0.0	19.2
8- 1	si	9	Ty		-1.0	0.0	-9.1	15.7
6- 1	si	8	Si		-1.4	-11.1	0.0	19.3

PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	973.1	2766.6	0.0	-33.8	-123.2	43.3
1- 1	0.0	2766.6	0.0	-30.0	-123.2	0.0

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-58.7	0.0	0.0	58.7
1-1	si	7	Tz	-0.9	-8.3	0.0	14.4
8-1	si	9	Ty	31.1	0.0	-6.8	33.3

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## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1668.2	4742.7	0.0	-33.8	-82.1	28.9
2-1	0.0	4742.7	0.0	-44.6	-82.1	0.0
8-2	-1668.2	4742.7	0.0	-26.2	-82.1	-28.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-99.9	0.0	0.0	99.9
2-1	si	7	Tz	-1.4	-5.5	0.0	9.7
8-2	si	10	Ty	-55.9	0.0	4.5	56.5

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## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	2085.2	5928.3	0.0	-33.8	-41.1	14.4
2-1	0.0	5928.3	0.0	-44.6	-41.1	0.0
8-2	-2085.2	5928.3	0.0	-26.2	-41.1	-14.4

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-124.6	0.0	0.0	124.6
2-1	si	7	Tz	-1.4	-2.8	0.0	5.0
8-2	si	10	Ty	-69.7	0.0	2.3	69.8

77.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	2224.1	6323.6	0.0	-33.8	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-132.9	0.0	0.0	132.9
8-1	si	14	Tz	101.5	0.0	0.0	101.5
8-1	si	5	Ty	96.5	0.0	0.0	96.5

96.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	2085.0	5928.3	0.0	-33.8	41.1	-14.4
2-1	0.0	5928.3	0.0	-44.6	41.1	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-124.6	0.0	0.0	124.6
2-1	si	7	Tz	-1.4	2.8	0.0	5.0
8-1	si	9	Ty	67.9	0.0	2.3	68.0

115.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1667.9	4742.7	0.0	-33.8	82.1	-28.9
2-1	0.0	4742.7	0.0	-44.6	82.1	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-99.9	0.0	0.0	99.9
2-1	si	7	Tz	-1.4	5.5	0.0	9.7
8-1	si	9	Ty	54.1	0.0	4.5	54.7

135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	972.7	2766.6	0.0	-33.8	123.2	-43.3
1-1	0.0	2766.6	0.0	-30.0	123.2	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	2	Sx Si	-58.7	0.0	0.0	58.7
1-1	si	7	Tz	-0.9	8.3	0.0	14.4
8-1	si	9	Ty	31.1	0.0	6.8	33.3

154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-12	0.0	0.0	0.0	-47.5	112.1	0.0
1-1	0.0	0.0	0.0	-30.0	164.2	0.0
8-1	-0.6	0.0	0.0	-33.8	164.2	-57.8
6-1	-0.3	0.0	0.0	-46.9	164.2	-34.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-12	si	3	Sx	-1.5	0.0	0.0	1.5
1-1	si	7	Tz	-0.9	11.1	0.0	19.2
8-1	si	9	Ty	-1.0	0.0	9.1	15.7
6-1	si	8	Si	-1.4	11.1	0.0	19.3

## VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406  
 Y | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr = 226679.8 | alfa(a) = 0.2100 | ki = 0.8406  
 Caso 8-1 - Nodo 2 - Asse Z  
 Ned = -33.8 | Mzeq = 1927.5 | Myeq = 5480.4 | Ss = -115.5 ( 0.034)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 108- 50) 194  
 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	-59.3	-152.7	32.2
1-1	0.0	0.0	0.0	-37.9	-152.7	0.0
8-2	0.0	0.0	0.0	-33.1	-152.7	-53.7

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	3	Sx	-1.8	0.0	0.0	1.8
1-1	si	7	Tz	-1.2	-10.3	0.0	17.9
8-2	si	10	Ty	-1.0	0.0	8.4	14.6

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

6-1	si	8	Si	-1.8	-10.3	0.0	18.0		
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 SOLLECITAZIONI : 18.

Caso		MZ	MY	MT	N	TZ	TY
8-1		840.6	2389.9	0.0	-42.7	-114.5	40.3
1-1		0.0	2389.9	0.0	-37.9	-114.5	0.0
8-2		-840.6	2389.9	0.0	-33.1	-114.5	-40.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	Si	-51.1	0.0	0.0	51.1
1-1	si	7	Tz		-1.2	-7.7	0.0	13.4
8-2	si	10	Ty		-28.8	0.0	6.3	30.8

-----  
 SOLLECITAZIONI : 36.

Caso		MZ	MY	MT	N	TZ	TY
8-1		1441.0	4096.9	0.0	-42.7	-76.3	26.8
1-1		0.0	4096.9	0.0	-37.9	-76.3	0.0
8-2		-1441.0	4096.9	0.0	-33.1	-76.3	-26.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	Si	-86.7	0.0	0.0	86.7
1-1	si	7	Tz		-1.2	-5.2	0.0	9.0
8-2	si	10	Ty		-48.6	0.0	4.2	49.2

-----  
 SOLLECITAZIONI : 54.

Caso		MZ	MY	MT	N	TZ	TY
8-1		1801.3	5121.2	0.0	-42.7	-38.2	13.4
1-1		0.0	5121.2	0.0	-37.9	-38.2	0.0
8-2		-1801.3	5121.2	0.0	-33.1	-38.2	-13.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	Si	-108.1	0.0	0.0	108.1
1-1	si	7	Tz		-1.2	-2.6	0.0	4.6
8-2	si	10	Ty		-60.5	0.0	2.1	60.7

-----  
 SOLLECITAZIONI : 72.

Caso		MZ	MY	MT	N	TZ	TY
8-1		1921.3	5462.6	0.0	-42.7	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	Si	-115.2	0.0	0.0	115.2
8-1	si	14	Tz		87.3	0.0	0.0	87.3
8-1	si	5	Ty		82.9	0.0	0.0	82.9

-----  
 SOLLECITAZIONI : 89.

Caso		MZ	MY	MT	N	TZ	TY
8-1		1801.1	5121.2	0.0	-42.7	38.2	-13.4
1-1		0.0	5121.2	0.0	-37.9	38.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	Si	-108.1	0.0	0.0	108.1
1-1	si	7	Tz		-1.2	2.6	0.0	4.6
8-1	si	9	Ty		58.2	0.0	2.1	58.3

-----  
 SOLLECITAZIONI : 107.

Caso		MZ	MY	MT	N	TZ	TY
8-1		1440.8	4096.9	0.0	-42.7	76.3	-26.9
1-1		0.0	4096.9	0.0	-37.9	76.3	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	Si	-86.7	0.0	0.0	86.7
1-1	si	7	Tz		-1.2	5.2	0.0	9.0
8-1	si	9	Ty		46.3	0.0	4.2	46.9

-----  
 SOLLECITAZIONI : 125.

Caso		MZ	MY	MT	N	TZ	TY
8-1		840.2	2389.9	0.0	-42.7	114.5	-40.3
1-1		0.0	2389.9	0.0	-37.9	114.5	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	Si	-51.1	0.0	0.0	51.1
1-1	si	7	Tz		-1.2	7.7	0.0	13.4
8-1	si	9	Ty		26.5	0.0	6.3	28.6

-----  
 SOLLECITAZIONI : 143.

Caso		MZ	MY	MT	N	TZ	TY
6-1		-0.3	0.0	0.0	-59.3	152.7	-32.2
1-1		0.0	0.0	0.0	-37.9	152.7	0.0
8-1		-0.5	0.0	0.0	-42.7	152.7	-53.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx		-1.8	0.0	0.0	1.8
1-1	si	7	Tz		-1.2	10.3	0.0	17.9
8-1	si	9	Ty		-1.3	0.0	8.4	14.6
6-1	si	8	Si		-1.8	10.3	0.0	18.0

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 VERIFICA STABILITA` :

L0 = 143.  
 Z | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Y | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Caso 8-1 - Nodo 2 - Asse Z  
 Ned = -42.7 | Mzeq = 1665.0 | Myeq = 4734.2 | Ss = -100.2 ( 0.030 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 109- 56 ) 195  
 -----  
 SOLLECITAZIONI : 0.

Caso		MZ	MY	MT	N	TZ	TY
6-1		0.0	0.0	0.0	365.3	-152.7	32.2

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

1- 1	0.0	0.0	0.0	233.7	-152.7	0.0
8- 2	0.0	0.0	0.0	203.9	-152.7	-53.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	11.2	0.0	0.0	11.2
1- 1	si	7	Tz	7.2	-10.3	0.0	19.2
8- 2	si	10	Ty	6.2	0.0	8.4	15.9
6- 1	si	7	Si	11.2	-10.3	0.0	21.1

PROGR. 18.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	840.6	2389.9	0.0	263.5	-114.5	40.3
1- 1	0.0	2389.9	0.0	233.7	-114.5	0.0
8- 2	-840.6	2389.9	0.0	203.9	-114.5	-40.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx Si	57.9	0.0	0.0	57.9
1- 1	si	7	Tz	7.2	-7.7	0.0	15.2
8- 2	si	10	Ty	-21.5	0.0	6.3	24.2

PROGR. 36.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1441.0	4096.9	0.0	263.5	-76.3	26.8
1- 1	0.0	4096.9	0.0	233.7	-76.3	0.0
8- 2	-1441.0	4096.9	0.0	203.9	-76.3	-26.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx Si	93.5	0.0	0.0	93.5
1- 1	si	7	Tz	7.2	-5.2	0.0	11.4
8- 2	si	10	Ty	-41.4	0.0	4.2	42.0

PROGR. 54.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1801.3	5121.2	0.0	263.5	-38.2	13.4
1- 1	0.0	5121.2	0.0	233.7	-38.2	0.0
8- 2	-1801.3	5121.2	0.0	203.9	-38.2	-13.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx Si	114.8	0.0	0.0	114.8
1- 1	si	7	Tz	7.2	-2.6	0.0	8.4
8- 2	si	10	Ty	-53.3	0.0	2.1	53.4

PROGR. 72.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1921.3	5462.6	0.0	263.5	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx Si	121.9	0.0	0.0	121.9
8- 1	si	14	Tz	96.7	0.0	0.0	96.7
8- 1	si	5	Ty	92.3	0.0	0.0	92.3

PROGR. 89.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1801.1	5121.2	0.0	263.5	38.2	-13.4
1- 1	0.0	5121.2	0.0	233.7	38.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx Si	114.8	0.0	0.0	114.8
1- 1	si	7	Tz	7.2	2.6	0.0	8.4
8- 1	si	9	Ty	67.6	0.0	2.1	67.7

PROGR. 107.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1440.8	4096.9	0.0	263.5	76.3	-26.9
1- 1	0.0	4096.9	0.0	233.7	76.3	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx Si	93.5	0.0	0.0	93.5
1- 1	si	7	Tz	7.2	5.2	0.0	11.4
8- 1	si	9	Ty	55.7	0.0	4.2	56.2

PROGR. 125.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	840.2	2389.9	0.0	263.5	114.5	-40.3
1- 1	0.0	2389.9	0.0	233.7	114.5	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx Si	57.9	0.0	0.0	57.9
1- 1	si	7	Tz	7.2	7.7	0.0	15.2
8- 1	si	9	Ty	35.9	0.0	6.3	37.5

PROGR. 143.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-0.3	0.0	0.0	365.3	152.7	-32.2
1- 1	0.0	0.0	0.0	233.7	152.7	0.0
8- 1	-0.5	0.0	0.0	263.5	152.7	-53.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	11.2	0.0	0.0	11.2
1- 1	si	7	Tz	7.2	10.3	0.0	19.2
8- 1	si	9	Ty	8.1	0.0	8.4	16.7
6- 1	si	7	Si	11.2	10.3	0.0	21.1

VERIFICA STABILITA` :

L0 = 143.  
 Z Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Y Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Caso12- 6 - Nodo 2 - Asse Z



Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Ned = -11.7 | Mzeq = 0.0 | Myeq = 3232.0 | Ss = -50.3 ( 0.015)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 105- 107) 204  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	343.9	-164.2	34.7
1- 1	0.0	0.0	0.0	220.1	-164.2	0.0
8- 2	0.0	0.0	0.0	192.0	-164.2	-57.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	10.5	0.0	0.0	10.5
1- 1	si	7	Tz	6.7	-11.1	0.0	20.4
8- 2	si	10	Ty	5.9	0.0	9.1	16.8
6- 1	si	7	Si	10.5	-11.1	0.0	21.9

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	973.1	2766.6	0.0	248.2	-123.2	43.3
1- 1	0.0	2766.6	0.0	220.1	-123.2	0.0
8- 2	-973.1	2766.6	0.0	192.0	-123.2	-43.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	65.3	0.0	0.0	65.3
1- 1	si	7	Tz	6.7	-8.3	0.0	15.9
8- 2	si	10	Ty	-26.3	0.0	6.8	28.8

----- PROGR. 39.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1668.2	4742.7	0.0	248.2	-82.1	28.9
1- 1	0.0	4742.7	0.0	220.1	-82.1	0.0
8- 2	-1668.2	4742.7	0.0	192.0	-82.1	-28.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	106.5	0.0	0.0	106.5
1- 1	si	7	Tz	6.7	-5.5	0.0	11.7
8- 2	si	10	Ty	-49.2	0.0	4.5	49.9

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2085.2	5928.3	0.0	248.2	-41.1	14.4
1- 1	0.0	5928.3	0.0	220.1	-41.1	0.0
8- 2	-2085.2	5928.3	0.0	192.0	-41.1	-14.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	131.2	0.0	0.0	131.2
1- 1	si	7	Tz	6.7	-2.8	0.0	8.3
8- 2	si	10	Ty	-63.0	0.0	2.3	63.2

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2224.1	6323.5	0.0	248.2	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	139.4	0.0	0.0	139.4
8- 1	si	14	Tz	110.2	0.0	0.0	110.2
8- 1	si	5	Ty	105.1	0.0	0.0	105.1

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2085.0	5928.3	0.0	248.2	41.1	-14.4
1- 1	0.0	5928.3	0.0	220.1	41.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	131.2	0.0	0.0	131.2
1- 1	si	7	Tz	6.7	2.8	0.0	8.3
8- 1	si	9	Ty	76.5	0.0	2.3	76.6

----- PROGR. 116.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1667.9	4742.7	0.0	248.2	82.1	-28.9
1- 1	0.0	4742.7	0.0	220.1	82.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	106.5	0.0	0.0	106.5
1- 1	si	7	Tz	6.7	5.5	0.0	11.7
8- 1	si	9	Ty	62.7	0.0	4.5	63.2

----- PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	972.7	2766.6	0.0	248.2	123.2	-43.3
1- 1	0.0	2766.6	0.0	220.1	123.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	65.3	0.0	0.0	65.3
1- 1	si	7	Tz	6.7	8.3	0.0	15.9
8- 1	si	9	Ty	39.8	0.0	6.8	41.5

----- PROGR. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-0.3	0.0	0.0	343.9	164.2	-34.7
1- 1	0.0	0.0	0.0	220.1	164.2	0.0
8- 1	-0.6	0.0	0.0	248.2	164.2	-57.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	10.5	0.0	0.0	10.5
1- 1	si	7	Tz	6.7	11.1	0.0	20.4
8- 1	si	9	Ty	7.6	0.0	9.1	17.4
6- 1	si	7	Si	10.5	11.1	0.0	21.9

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 VERIFICA STABILITA` :

L0 = 154.  
 Z | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr= 226679.8 | alfa(a) = 0.2100 | ki = 0.8406 |  
 Y | Lc = 154. | Ro = 2.82 | lm = 54.6 | Ncr= 226679.8 | alfa(a) = 0.2100 | ki = 0.8406 |  
 Caso11-12 - Nodo 3 - Asse Z  
 Ned = -130.6 | Mzeq = 0.0 | Myeq = 3741.4 | Ss = -62.5 ( 0.018)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 107- 109) 205  
 -----  
 PROG. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	0.0	0.0	0.0	353.7	-164.2	34.7
2- 1	0.0	0.0	0.0	336.4	-164.2	0.0
8- 1	0.0	0.0	0.0	255.1	-164.2	57.8

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	10.8	0.0	0.0	10.8
2- 1	si	7	Tz	10.3	-11.1	0.0	21.8
8- 1	si	9	Ty	7.8	0.0	-9.1	17.5
6- 1	si	7	Si	10.8	-11.1	0.0	22.1

-----  
 PROG. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	973.1	2766.6	0.0	255.1	-123.2	43.3
2- 1	0.0	2766.6	0.0	336.4	-123.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	65.5	0.0	0.0	65.5
2- 1	si	7	Tz	10.3	-8.3	0.0	17.7
8- 1	si	9	Ty	40.0	0.0	-6.8	41.7

-----  
 PROG. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1668.2	4742.7	0.0	255.1	-82.1	28.9
6- 1	1000.9	4742.7	0.0	353.7	-82.1	17.3
8- 2	-1668.2	4742.7	0.0	197.5	-82.1	-28.9

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	106.7	0.0	0.0	106.7
6- 1	si	7	Tz	-4.6	-5.5	0.0	10.7
8- 2	si	10	Ty	-49.1	0.0	4.5	49.7

-----  
 PROG. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2085.2	5928.3	0.0	255.1	-41.1	14.4
2- 1	0.0	5928.3	0.0	336.4	-41.1	0.0
8- 2	-2085.2	5928.3	0.0	197.5	-41.1	-14.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	131.4	0.0	0.0	131.4
2- 1	si	7	Tz	10.3	-2.8	0.0	11.4
8- 2	si	10	Ty	-62.9	0.0	2.3	63.0

-----  
 PROG. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2224.1	6323.6	0.0	255.1	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	139.6	0.0	0.0	139.6
8- 1	si	14	Tz	110.4	0.0	0.0	110.4
8- 1	si	5	Ty	105.3	0.0	0.0	105.3

-----  
 PROG. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2085.0	5928.3	0.0	255.1	41.1	-14.4
2- 1	0.0	5928.3	0.0	336.4	41.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	131.4	0.0	0.0	131.4
2- 1	si	7	Tz	10.3	2.8	0.0	11.4
8- 1	si	9	Ty	76.7	0.0	2.3	76.8

-----  
 PROG. 115.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1667.9	4742.7	0.0	255.1	82.1	-28.9
6- 1	1000.7	4742.7	0.0	353.7	82.1	-17.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	106.7	0.0	0.0	106.7
6- 1	si	7	Tz	-4.6	5.5	0.0	10.7
8- 1	si	9	Ty	63.0	0.0	4.5	63.4

-----  
 PROG. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	972.7	2766.6	0.0	255.1	123.2	-43.3
2- 1	0.0	2766.6	0.0	336.4	123.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	65.5	0.0	0.0	65.5
2- 1	si	7	Tz	10.3	8.3	0.0	17.7
8- 1	si	9	Ty	40.0	0.0	6.8	41.7

-----  
 PROG. 154.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6- 1	-0.3	0.0	0.0	353.7	164.2	-34.7
2- 1	0.0	0.0	0.0	336.4	164.2	0.0
8- 1	-0.6	0.0	0.0	255.1	164.2	-57.8

TENSIONI (Sz= 0.00) :

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	10.8	0.0	0.0	10.8
2- 1	si	7	Tz	10.3	11.1	0.0	21.8
8- 1	si	9	Ty	7.8	0.0	9.1	17.5
6- 1	si	7	Si	10.8	11.1	0.0	22.1

-----  
 VERIFICA STABILITA` :

L0 = 154. |  
 Z |Lc = 154. |Ro = 2.82|lm = 54.6|Ncr= 226679.8|alfa(a)=-0.2100|ki=0.8406|  
 Y |Lc = 154. |Ro = 2.82|lm = 54.6|Ncr= 226679.8|alfa(a)=0.2100|ki=0.8406|  
 Casol1- 6 - Nodo 3 - Asse Z  
 Ned = -87.1|Mzeq = 0.0|Myeq = 3741.4|Ss = -60.9 ( 0.018)

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 67- 110) 208  
 ----- PROGR. 0.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
11-15	0.0	0.0	0.0	-15.5	-112.1	0.0
1- 1	0.0	0.0	0.0	-7.8	-164.2	0.0
8- 1	0.0	0.0	0.0	-9.0	-164.2	57.3
6- 1	0.0	0.0	0.0	-12.3	-164.2	34.4

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
11-15	si	1	Sx	-0.5	0.0	0.0	0.5
1- 1	si	7	Tz	-0.2	-11.1	0.0	19.2
8- 1	si	9	Ty	-0.3	0.0	-9.0	15.6
6- 1	si	8	Si	-0.4	-11.1	0.0	19.2

----- PROGR. 19.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	965.2	2766.6	0.0	-9.0	-123.2	43.0
1- 1	0.0	2766.6	0.0	-7.8	-123.2	0.0
8- 2	-965.2	2766.6	0.0	-6.7	-123.2	-43.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-57.8	0.0	0.0	57.8
1- 1	si	7	Tz	-0.2	-8.3	0.0	14.4
8- 2	si	10	Ty	-32.4	0.0	6.8	34.5

----- PROGR. 38.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1654.6	4742.7	0.0	-9.0	-82.1	28.7
1- 1	0.0	4742.7	0.0	-7.8	-82.1	0.0
8- 2	-1654.6	4742.7	0.0	-6.7	-82.1	-28.7

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-98.9	0.0	0.0	98.9
1- 1	si	7	Tz	-0.2	-5.5	0.0	9.6
8- 2	si	10	Ty	-55.5	0.0	4.5	56.0

----- PROGR. 58.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2068.2	5928.3	0.0	-9.0	-41.1	14.3
1- 1	0.0	5928.3	0.0	-7.8	-41.1	0.0
8- 2	-2068.2	5928.3	0.0	-6.7	-41.1	-14.3

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-123.6	0.0	0.0	123.6
1- 1	si	7	Tz	-0.2	-2.8	0.0	4.8
8- 2	si	10	Ty	-69.3	0.0	2.3	69.4

----- PROGR. 77.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2206.1	6323.5	0.0	-9.0	0.0	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-131.8	0.0	0.0	131.8
8- 1	si	13	Tz	34.0	0.0	0.0	34.0
8- 1	si	5	Ty	97.2	0.0	0.0	97.2

----- PROGR. 96.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	2068.1	5928.3	0.0	-9.0	41.1	-14.3
1- 1	0.0	5928.3	0.0	-7.8	41.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-123.6	0.0	0.0	123.6
1- 1	si	7	Tz	-0.2	2.8	0.0	4.8
8- 1	si	9	Ty	68.8	0.0	2.3	68.9

----- PROGR. 115.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	1654.3	4742.7	0.0	-9.0	82.1	-28.7
1- 1	0.0	4742.7	0.0	-7.8	82.1	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-98.9	0.0	0.0	98.9
1- 1	si	7	Tz	-0.2	5.5	0.0	9.6
8- 1	si	9	Ty	55.0	0.0	4.5	55.6

----- PROGR. 135.

SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8- 1	964.8	2766.6	0.0	-9.0	123.2	-43.0
1- 1	0.0	2766.6	0.0	-7.8	123.2	0.0

TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-57.8	0.0	0.0	57.8
1- 1	si	7	Tz	-0.2	8.3	0.0	14.4

8-1	si	9	Ty	32.0	0.0	6.8	34.1	154.
----- PROGR.								
SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
11-15			0.0	0.0	0.0	-15.5	112.1	0.0
1-1			0.0	0.0	0.0	-7.8	164.2	0.0
8-1			-0.6	0.0	0.0	-9.0	164.2	-57.3
6-1			-0.3	0.0	0.0	-12.3	164.2	-34.4
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
11-15	si	4	Sx	-0.5	0.0	0.0	0.5	
1-1	si	7	Tz	-0.2	11.1	0.0	19.2	
8-1	si	9	Ty	-0.3	0.0	9.0	15.6	
6-1	si	8	Si	-0.4	11.1	0.0	19.2	

-----  
 VERIFICA STABILITA` :

L0 = 154.  
 Z Lc = 154. |Ro = 2.82|lm = 54.6|Ncr= 226679.8|alfa(a)=0.2100|ki=0.8406|  
 Y Lc = 154. |Ro = 2.82|lm = 54.6|Ncr= 226679.8|alfa(a)=0.2100|ki=0.8406|  
 Caso 8- 1 - Nodo 2 - Asse Z  
 Ned = -9.0|Mzeq = 1911.8|Myeq = 5480.4|Ss = -114.3 ( 0.034)

CASSONE\_S002 ( 2) stato limite ultimo - ASTA ( 110- 66) 209  
 ----- PROGR. 0.

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
6-1			0.0	0.0	0.0	-15.2	-152.7	32.0
1-1			0.0	0.0	0.0	-9.6	-152.7	0.0
8-1			0.0	0.0	0.0	-11.1	-152.7	53.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6-1	si	3	Sx	-0.5	0.0	0.0	0.5	
1-1	si	7	Tz	-0.3	-10.3	0.0	17.9	
8-1	si	9	Ty	-0.3	0.0	-8.4	14.5	
6-1	si	8	Si	-0.5	-10.3	0.0	17.9	
----- PROGR. 18.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
8-1			833.8	2389.9	0.0	-11.1	-114.5	39.9
1-1			0.0	2389.9	0.0	-9.6	-114.5	0.0
8-2			-833.8	2389.9	0.0	-8.1	-114.5	-39.9
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	-50.1	0.0	0.0	50.1	
1-1	si	7	Tz	-0.3	-7.7	0.0	13.4	
8-2	si	10	Ty	-28.1	0.0	6.3	30.1	
----- PROGR. 36.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
8-1			1429.3	4096.9	0.0	-11.1	-76.3	26.6
1-1			0.0	4096.9	0.0	-9.6	-76.3	0.0
8-2			-1429.3	4096.9	0.0	-8.1	-76.3	-26.6
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	-85.6	0.0	0.0	85.6	
1-1	si	7	Tz	-0.3	-5.2	0.0	8.9	
8-2	si	10	Ty	-48.0	0.0	4.2	48.5	
----- PROGR. 54.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
8-1			1786.6	5121.2	0.0	-11.1	-38.2	13.3
1-1			0.0	5121.2	0.0	-9.6	-38.2	0.0
8-2			-1786.6	5121.2	0.0	-8.1	-38.2	-13.3
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	-106.9	0.0	0.0	106.9	
1-1	si	7	Tz	-0.3	-2.6	0.0	4.5	
8-2	si	10	Ty	-59.9	0.0	2.1	60.0	
----- PROGR. 72.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
8-1			1905.7	5462.6	0.0	-11.1	0.0	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	-114.0	0.0	0.0	114.0	
8-1	si	14	Tz	88.0	0.0	0.0	88.0	
8-1	si	5	Ty	83.9	0.0	0.0	83.9	
----- PROGR. 89.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
8-1			1786.5	5121.2	0.0	-11.1	38.2	-13.3
1-1			0.0	5121.2	0.0	-9.6	38.2	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	-106.9	0.0	0.0	106.9	
1-1	si	7	Tz	-0.3	2.6	0.0	4.5	
8-1	si	9	Ty	59.4	0.0	2.1	59.5	
----- PROGR. 107.								

SOLLECITAZIONI :								
Caso			MZ	MY	MT	N	TZ	TY
8-1			1429.1	4096.9	0.0	-11.1	76.3	-26.6
1-1			0.0	4096.9	0.0	-9.6	76.3	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	2	Sx	-85.6	0.0	0.0	85.6	
1-1	si	7	Tz	-0.3	5.2	0.0	8.9	
8-1	si	9	Ty	47.4	0.0	4.2	48.0	
----- PROGR. 125.								

## Posto di Controllo Centralizzato - Relazione di calcolo – Edificio - Allegati

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8- 1		833.4	2389.9	0.0	-11.1	114.5	-40.0
1- 1		0.0	2389.9	0.0	-9.6	114.5	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	2	Sx	-50.0	0.0	0.0	50.0
1- 1	si	7	Tz	-0.3	7.7	0.0	13.4
8- 1	si	9	Ty	27.5	0.0	6.3	29.6

----- PROGR. 143.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		-0.3	0.0	0.0	-15.2	152.7	-32.0
1- 1		0.0	0.0	0.0	-9.6	152.7	0.0
8- 1		-0.5	0.0	0.0	-11.1	152.7	-53.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	3	Sx	-0.5	0.0	0.0	0.5
1- 1	si	7	Tz	-0.3	10.3	0.0	17.9
8- 1	si	9	Ty	-0.3	0.0	8.4	14.5
6- 1	si	8	Si	-0.5	10.3	0.0	17.9

## VERIFICA STABILITA` :

L0 = 143. |  
 Z | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Y | Lc = 143. | Ro = 2.82 | lm = 50.8 | Ncr = 262406.7 | alfa(a) = 0.2100 | ki = 0.8638 |  
 Caso 8- 1 - Nodo 2 - Asse Z  
 Ned = -11.1 | Mzeq = 1651.5 | Myeq = 4734.2 | Ss = -98.9 ( 0.029 )

CASSONE\_S002 ( 2 ) stato limite ultimo - ASTA ( 71- 111 ) 210  
 ----- PROGR. 0.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
6- 1		0.0	0.0	0.0	440.5	-164.2	34.4
1- 1		0.0	0.0	0.0	279.8	-164.2	0.0
8- 2		0.0	0.0	0.0	237.1	-164.2	-57.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6- 1	si	1	Sx	13.5	0.0	0.0	13.5
1- 1	si	7	Tz	8.6	-11.1	0.0	21.0
8- 2	si	10	Ty	7.3	0.0	9.0	17.2
6- 1	si	7	Si	13.5	-11.1	0.0	23.5

----- PROGR. 19.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8- 1		965.2	2766.6	0.0	322.5	-123.2	43.0
1- 1		0.0	2766.6	0.0	279.8	-123.2	0.0
8- 2		-965.2	2766.6	0.0	237.1	-123.2	-43.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	67.4	0.0	0.0	67.4
1- 1	si	7	Tz	8.6	-8.3	0.0	16.8
8- 2	si	10	Ty	-25.0	0.0	6.8	27.6

----- PROGR. 38.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8- 1		1654.6	4742.7	0.0	322.5	-82.1	28.7
1- 1		0.0	4742.7	0.0	279.8	-82.1	0.0
8- 2		-1654.6	4742.7	0.0	237.1	-82.1	-28.7

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	108.5	0.0	0.0	108.5
1- 1	si	7	Tz	8.6	-5.5	0.0	12.9
8- 2	si	10	Ty	-48.0	0.0	4.5	48.6

----- PROGR. 58.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8- 1		2068.2	5928.3	0.0	322.5	-41.1	14.3
1- 1		0.0	5928.3	0.0	279.8	-41.1	0.0
8- 2		-2068.2	5928.3	0.0	237.1	-41.1	-14.3

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	133.2	0.0	0.0	133.2
1- 1	si	7	Tz	8.6	-2.8	0.0	9.8
8- 2	si	10	Ty	-61.8	0.0	2.3	62.0

----- PROGR. 77.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8- 1		2206.1	6323.5	0.0	322.5	0.0	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	141.4	0.0	0.0	141.4
8- 1	si	13	Tz	44.1	0.0	0.0	44.1
8- 1	si	5	Ty	107.4	0.0	0.0	107.4

----- PROGR. 96.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8- 1		2068.1	5928.3	0.0	322.5	41.1	-14.3
1- 1		0.0	5928.3	0.0	279.8	41.1	0.0

TENSIONI (Sz= 0.00) :							
Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8- 1	si	4	Sx	133.2	0.0	0.0	133.2
1- 1	si	7	Tz	8.6	2.8	0.0	9.8
8- 1	si	9	Ty	79.0	0.0	2.3	79.1

----- PROGR. 115.

SOLLECITAZIONI :							
Caso		MZ	MY	MT	N	TZ	TY
8- 1		1654.3	4742.7	0.0	322.5	82.1	-28.7

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1-1			0.0	4742.7	0.0	279.8	82.1	0.0
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8-1	si	4	Sx	108.5	0.0	0.0	108.5	
1-1	si	7	Tz	8.6	5.5	0.0	12.9	
8-1	si	9	Ty	65.2	0.0	4.5	65.6	

PROGR. 135.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	964.8	2766.6	0.0	322.5	123.2	-43.0
1-1	0.0	2766.6	0.0	279.8	123.2	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	67.4	0.0	0.0	67.4
1-1	si	7	Tz	8.6	8.3	0.0	16.8
8-1	si	9	Ty	42.1	0.0	6.8	43.7

PROGR. 154.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	-0.3	0.0	0.0	440.5	164.2	-34.4
1-1	0.0	0.0	0.0	279.8	164.2	0.0
8-1	-0.6	0.0	0.0	322.5	164.2	-57.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	2	Sx	13.5	0.0	0.0	13.5
1-1	si	7	Tz	8.6	11.1	0.0	21.0
8-1	si	9	Ty	9.9	0.0	9.0	18.5
6-1	si	7	Si	13.5	11.1	0.0	23.5

VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

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PROGR. 0.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
6-1	0.0	0.0	0.0	446.0	-152.7	32.0
1-1	0.0	0.0	0.0	282.8	-152.7	0.0
8-2	0.0	0.0	0.0	239.3	-152.7	-53.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
6-1	si	1	Sx	13.7	0.0	0.0	13.7
1-1	si	7	Tz	8.7	-10.3	0.0	19.9
8-2	si	10	Ty	7.3	0.0	8.4	16.3
6-1	si	7	Si	13.7	-10.3	0.0	22.5

PROGR. 18.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	833.8	2389.9	0.0	326.3	-114.5	39.9
1-1	0.0	2389.9	0.0	282.8	-114.5	0.0
8-2	-833.8	2389.9	0.0	239.3	-114.5	-39.9

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	59.7	0.0	0.0	59.7
1-1	si	7	Tz	8.7	-7.7	0.0	16.0
8-2	si	10	Ty	-20.5	0.0	6.3	23.2

PROGR. 36.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1429.3	4096.9	0.0	326.3	-76.3	26.6
1-1	0.0	4096.9	0.0	282.8	-76.3	0.0
8-2	-1429.3	4096.9	0.0	239.3	-76.3	-26.6

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	95.2	0.0	0.0	95.2
1-1	si	7	Tz	8.7	-5.2	0.0	12.4
8-2	si	10	Ty	-40.4	0.0	4.2	41.1

PROGR. 54.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1786.6	5121.2	0.0	326.3	-38.2	13.3
1-1	0.0	5121.2	0.0	282.8	-38.2	0.0
8-2	-1786.6	5121.2	0.0	239.3	-38.2	-13.3

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	116.5	0.0	0.0	116.5
1-1	si	7	Tz	8.7	-2.6	0.0	9.7
8-2	si	10	Ty	-52.4	0.0	2.1	52.5

PROGR. 72.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1905.7	5462.6	0.0	326.3	0.0	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	123.6	0.0	0.0	123.6
8-1	si	14	Tz	98.4	0.0	0.0	98.4
8-1	si	5	Ty	94.2	0.0	0.0	94.2

PROGR. 89.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
8-1	1786.5	5121.2	0.0	326.3	38.2	-13.3
1-1	0.0	5121.2	0.0	282.8	38.2	0.0

## TENSIONI (Sz= 0.00) :

Caso	Ve	No	massimi	Sx	Tz	Ty	Si
8-1	si	4	Sx	116.5	0.0	0.0	116.5
1-1	si	7	Tz	8.7	2.6	0.0	9.7
8-1	si	9	Ty	69.7	0.0	2.1	69.8

PROGR. 107.

## SOLLECITAZIONI :

Caso	MZ	MY	MT	N	TZ	TY
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8- 1		1429.1	4096.9	0.0	326.3	76.3	-26.6	
1- 1		0.0	4096.9	0.0	282.8	76.3	0.0	
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	4	Sx Si	95.2	0.0	0.0	95.2	
1- 1	si	7	Tz	8.7	5.2	0.0	12.4	
8- 1	si	9	Ty	57.7	0.0	4.2	58.2	
							----- PROGR.	125.
SOLLECITAZIONI :								
Caso		MZ	MY	MT	N	TZ	TY	
8- 1		833.4	2389.9	0.0	326.3	114.5	-40.0	
1- 1		0.0	2389.9	0.0	282.8	114.5	0.0	
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
8- 1	si	4	Sx Si	59.7	0.0	0.0	59.7	
1- 1	si	7	Tz	8.7	7.7	0.0	16.0	
8- 1	si	9	Ty	37.9	0.0	6.3	39.4	
							----- PROGR.	143.
SOLLECITAZIONI :								
Caso		MZ	MY	MT	N	TZ	TY	
6- 1		-0.3	0.0	0.0	446.0	152.7	-32.0	
1- 1		0.0	0.0	0.0	282.8	152.7	0.0	
8- 1		-0.5	0.0	0.0	326.3	152.7	-53.3	
TENSIONI (Sz= 0.00) :								
Caso	Ve	No	massimi	Sx	Tz	Ty	Si	
6- 1	si	1	Sx	13.7	0.0	0.0	13.7	
1- 1	si	7	Tz	8.7	10.3	0.0	19.9	
8- 1	si	9	Ty	10.0	0.0	8.4	17.6	
6- 1	si	7	Si	13.7	10.3	0.0	22.5	

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 VERIFICA STABILITA` : asta tesa per tutti i casi di carico.

