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1. PREMESSA

La presente relazione descrive le linee guida degli interventi strutturali da realizzare nell'ambito dell'intervento di costruzione di una copertura in legno lamellare all'interno dell'area cimiteriale presso il Comune di Venaria in provincia di Torino.

2. Normativa di riferimento

L'analisi della struttura in oggetto verrà condotta utilizzando i metodi usuali della Scienza delle Costruzioni ed in conformità alle normative e leggi vigenti:

- Legge 5/11/1971 n. 1086: Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- DM LL.PP. 16/1/1996 n. 19: Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche.
- DM LL.PP. 16/1/1996 n. 19: Norme tecniche relative ai criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi.
- DM LL.PP. 14/2/1992 n. 55: Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche.
- CIRCOLARE MINISTERO DEI LAVORI PUBBLICI 4 LUGLIO 1996, N. 156AA.GG./STC: Istruzioni per l'applicazione delle "Norme tecniche relative ai criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi" di cui al decreto ministeriale 16 gennaio 1996.
- CNR-UNI 10024/86 del 23/7/1986: Analisi di strutture mediante elaboratore: impostazione e redazione delle relazioni di calcolo.
- CNR-UNI 10011 Costruzioni di acciaio, istruzioni per il calcolo, l'esecuzione, il collaudo, e la manutenzione.
- EC 1 UNI-ENV 1991-1 Eurocodice 1 - Basi di calcolo ed azioni sulle strutture - Parte 1.2, 2.2.
- EC 2 UNI-ENV 1992-1 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1.1.
- EC 5 UNI-ENV 1995-1 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1.1. e Parte 1.2
- DIN 1052 – Normativa tedesca sulla progettazione del legno massiccio e lamellare
- CIRCOLARE MINISTERO DELLA SANITA' 24 GIUGNO 1993 N24

3. Descrizione generale dell'opera

La copertura in progetto è sorretta da una struttura portante costituita da una serie di portali in legno lamellare disposti a formare in pianta una forma ad Y. Tali portali sono incernierati al suolo e in sommità e presentano un incastro in corrispondenza dell'unione delle travi di copertura con i pilastri. Solo i portali in prossimità della compenetrazione dei tre bracci della Y sono dotati di catene in acciaio. I profili sono a sezione variabile e i pilastri sono a sezione doppia. Sono presenti alcune controventature di falda con funzione irrigidente dei piani di copertura.

Di seguito viene esposta l'immagine dello schema strutturale utilizzato per il calcolo.

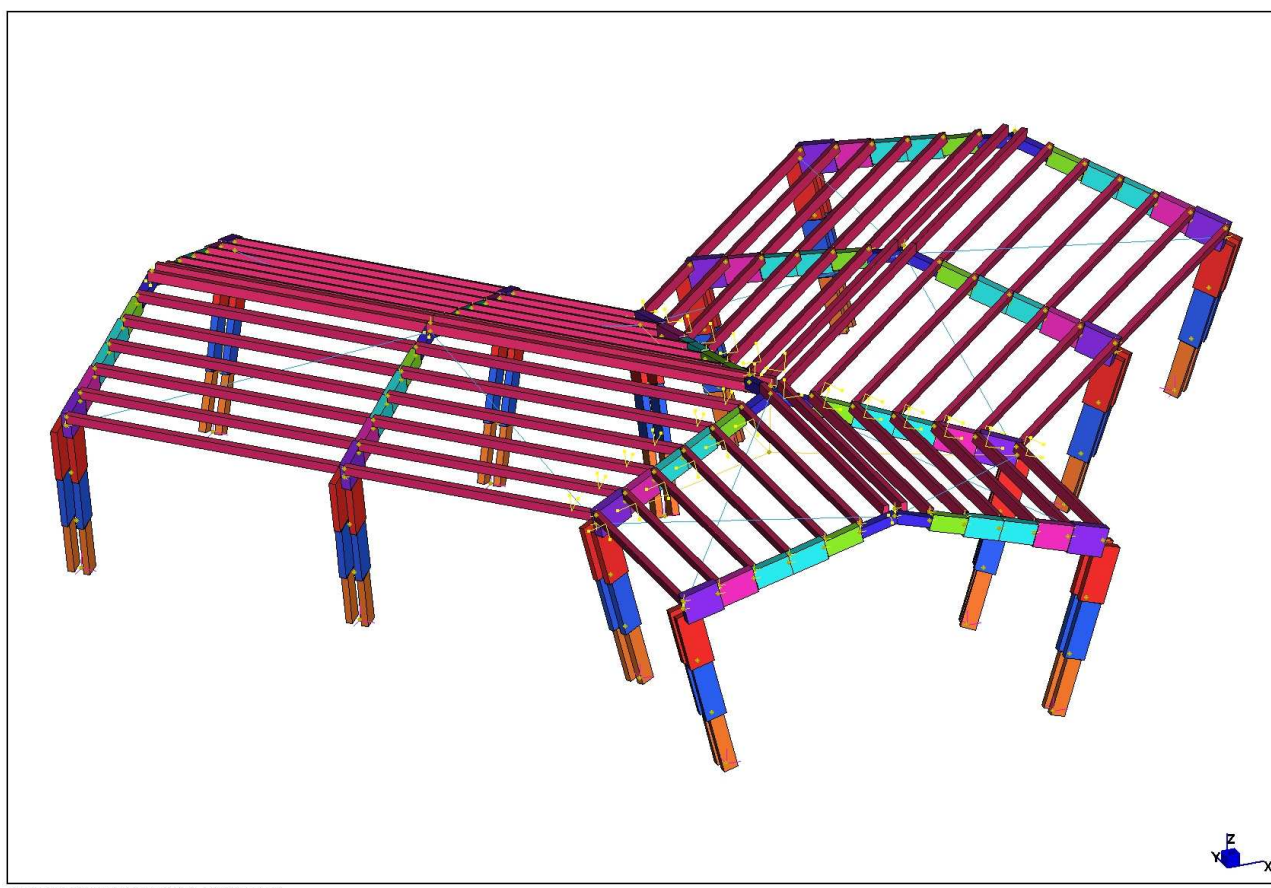


Figura 1-1 MODELLO GENERALE

4. Caratteristiche meccaniche

Si prescrive l'impiego dei materiali con le seguenti caratteristiche meccaniche:

4.1. CEMENTO

calcestruzzo classe C12/15

- resistenza a compressione cubica caratteristica	$R_{ck} = 15$	N/mm^2
- resistenza a compressione cilindrica caratteristica	$f_{ck} = 12$	N/mm^2
- fattore di sicurezza parziale	$\gamma_c = 1,6$	
- resistenza a compressione cilindrica di calcolo	$f_{cd} = 7.5$	N/mm^2

calcestruzzo classe C25/30

- resistenza a compressione cubica caratteristica	$R_{ck} = 30$	N/mm^2
- resistenza a compressione cilindrica caratteristica	$f_{ck} = 25$	N/mm^2
- resistenza a trazione media	$f_{ctm} = 2,2$	N/mm^2
- modulo elastico secante	$E = 30$	kN/mm^2
- fattore di sicurezza parziale	$\gamma_c = 1,6$	
- resistenza a compressione cilindrica di calcolo	$f_{cd} = 15$	N/mm^2
- tensione tangenziale di calcolo	$\tau_{rd} = 0,24$	N/mm^2

4.2. ACCIAIO

acciaio Fe B 44 k controllato in stabilimento

- resistenza a trazione caratteristica	$f_{tk} = 540$	N/mm^2
- tensione di snervamento caratteristica	$f_{yk} = 430$	N/mm^2
- modulo elastico medio	$E_{sm} = 210$	kN/mm^2
- fattore di sicurezza parziale	$\gamma_s = 1,15$	
- tensione di snervamento di calcolo	$f_{yd} = 374$	N/mm^2
- deformazione di snervamento di calcolo	$\epsilon_{syd} = 0.187\%$	

acciaio Fe 430

- resistenza a rottura per trazione	$f_t = 430$	N/mm^2
- resistenza allo snervamento per trazione ($t < 40mm$)	$f_d = 275$	N/mm^2
- modulo elastico medio	$E_{sm} = 210$	kN/mm^2

bulloni classe 8.8

- resistenza a rottura per trazione	$f_t = 785$	N/mm^2
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- resistenza allo snervamento per trazione $f_y = 630 \text{ N/mm}^2$

4.3. LEGNO

legno lamellare BS11

S10/MS10	E_m	=	11 000	N/mm^2
	G_m	=	640	N/mm^2
	$\sigma_{m,g, }$	=	11	N/mm^2
	$\sigma_{t,g, }$	=	8.5	N/mm^2
	$\sigma_{c,g, }$	=	8.5	N/mm^2
	$\sigma_{c,g,perp}$	=	2.5	N/mm^2
	$\tau_{Q,g}$	=	1.2	N/mm^2
	$\tau_{T,g}$	=	1.6	N/mm^2
	$\sigma_{t,g,perp}$	=	0.2	N/mm^2

5. Ipotesi di calcolo globale della struttura

La struttura è stata calcolata adottando l'analisi statica non lineare per tenere conto del contributo alla sola trazione dei controventi e degli effetti del second'ordine.

La struttura è completamente indipendente dagli edifici esistenti circostanti. Il comportamento globale è verificato se i singoli corpi sono verificati.

5.1. TIPO DI ANALISI

Le analisi strutturali condotte sono statiche in regime non lineare. Il metodo di calcolo è ad elementi finiti. La verifica delle membrature viene eseguita considerando tutte le caratteristiche di sollecitazione. Gli elementi di controventatura snelli sono considerati reagenti alle sole azioni di trazione.

5.2. SCHEMATIZZAZIONE DELLA STRUTTURA E DEI VINCOLI

La struttura è stata schematizzata escludendo il contributo degli elementi aventi rigidezza e resistenza trascurabili a fronte dei principali. È quindi stata considerata l'orditura a telaio tridimensionale.

5.3. MODELLAZIONE DELLA STRUTTURA E DEI VINCOLI

La struttura è modellata con il metodo agli elementi finiti, applicato a sistemi tridimensionali. Gli elementi utilizzati sono tutti monodimensionali (travi). I vincoli sono considerati puntuali ed inseriti tramite le sei costanti di rigidezza elastica. Le sezioni oggetto di verifica nelle travi sono a passo costante.

5.4. SCHEMATIZZAZIONE DELLE AZIONI

In accordo con le sopracitate normative, sono state considerate nei calcoli le seguenti azioni:

pesi propri strutturali.

carichi permanenti portati dalla struttura.

carichi variabili su copertura (neve, vento).

Le verifiche saranno effettuate alle tensioni ammissibili. Le azioni agenti sono combinate in

condizioni di carico tali da risultare più sfavorevoli ai fini della verifica, tenendo conto di ridotte probabilità di alcune combinazioni.

5.5. MODELLAZIONE DELLE AZIONI

5.5.1. CARICHI PERMANENTI

- *Pesi propri:*

a.1) Peso proprio del legno 4.5 kN/m³

- *Permanenti portati:*

a.6) Peso lamiera grecata e listelli 0.30 kN/m²

5.5.2. CARICHI DI ESERCIZIO

b.1) Variabile neve 1.40 kN/m²

5.6. ANALISI DEI CARICHI

Carichi permanenti

Il peso proprio di ciascun elemento viene applicato automaticamente dal programma di calcolo a tutti gli elementi strutturali (aste e gusci), moltiplicando la densità del materiale per il volume dell'elemento.

Sui solai del fabbricato espositivo è stato applicato un carico distribuito totale di:

$$q_{\text{Permanente}} = 0.30 \text{ kN/m}^2$$

Carichi variabili

Sovraccarico della neve

In accordo con il D.M. 16/01/1996 sui carichi e sovraccarichi, in funzione della zona (zona = I) e dell'altitudine ($a_s = 376$ m) di Pinerolo si ricava un carico di neve al suolo q_{sk} pari a 2.17 kN/m²; essendo l'impalcato sostanzialmente in piano, applicando il coefficiente $\mu_1 = 0.8$ e $\mu_w = 1.90$ si ottiene un carico pari a :

$$q_{\text{neve}} = 1.40 \text{ kN/m}^2$$

Azione del vento

In base al paragrafo 3.8 del D.M. 4 maggio 1990, l'azione del vento deve essere convenzionalmente assimilata ad un carico orizzontale statico su parete e verticale su copertura, con valore pari a:

$$p_{\text{vento parete+}} = +0.6 \text{ kN/m}^2$$

$$p_{\text{vento parete-}} = -0.3 \text{ kN/m}^2$$

$$p_{\text{vento copertura}} = +0.26 \text{ kN/m}^2$$

agente sulla proiezione nel piano verticale delle superfici direttamente investite dal vento.

5.7. CONDIZIONI DI CARICO

CASES	Include	1 sle	2 slu	3 Sle1	4 sle2	5 sle3	6 sle4	7 X	8 Y
1: PP	Yes	1	1.4	1	1	1	1	1	1
2: Perm	Yes	1	1.4	1	1	1	1	1	1
3: Neve1dx	Yes	1	1.5	1	0	1	1	0.2	0.2
4: Neve1sx	Yes	1	1.5	0	1	1	1	0.2	0.2
5: Neve2dx	Yes	1	1.5	1	0	0	1	0.2	0.2
6: Neve2sx	Yes	1	1.5	0	1	1	0	0.2	0.2
7: Neve3dx	Yes	1	1.5	1	0	0	1	0.2	0.2
8: Neve3sx	Yes	1	1.5	0	1	1	0	0.2	0.2
9: X	Yes	0	0	0	0	0	0	1	0
10: Y	Yes	0	0	0	0	0	0	0	1

6. Verifiche e risultati di calcolo

6.1. UNITÀ DI MISURA

Le unità di misura adottate, dove non specificato, sono le seguenti:

Unità del modello STRAUS:

Lunghezza: cm
 Tempo: s
 Massa: kg
 Forza: kgf
 Tensioni: kgf/cm²
 Momento: kgfcm
 Area: cm²
 Momento: cm³
 Inerzia: cm⁴

Le verifiche sono state effettuate alle tensioni ammissibili.

6.2. VERIFICA LEGNO

	$\sigma//$ min	$\sigma//$ max	τ min	τ max	
Travi	(kg/cmq) <110	(kg/cmq) <110	(kg/cmq) <12	(kg/cmq) <12	Stato
Beam 1: End 1: 1: sle	-34.75	32.48	0.20	2.74	Verificato
Beam 1: End 1: 3: Sle1	-22.01	20.70	0.13	1.30	Verificato
Beam 1: End 1: 4: sle2	-25.09	23.37	0.13	2.42	Verificato
Beam 1: End 1: 5: sle3	-33.53	31.27	0.14	2.74	Verificato
Beam 1: End 1: 6: sle4	-34.33	32.06	0.19	2.75	Verificato
Beam 1: End 1: 7: X	-12.03	11.18	0.02	1.19	Verificato

Beam 1: End 1: 8: Y	-17.06	16.02	0.12	1.33	Verificato
Beam 1: End 2: 1: sle	-45.55	43.25	0.20	2.82	Verificato
Beam 1: End 2: 3: Sle1	-26.7	25.36	0.13	1.39	Verificato
Beam 1: End 2: 4: sle2	-35.37	33.62	0.13	2.50	Verificato
Beam 1: End 2: 5: sle3	-45.32	43.03	0.14	2.82	Verificato
Beam 1: End 2: 6: sle4	-45.43	43.14	0.19	2.83	Verificato
Beam 1: End 2: 7: X	-17.97	17.09	0.02	1.27	Verificato
Beam 1: End 2: 8: Y	-22.14	21.06	0.12	1.42	Verificato
Beam 2: End 1: 1: sle	-26.98	23.69	0.07	1.29	Verificato
Beam 2: End 1: 3: Sle1	-15.38	13.74	0.02	0.74	Verificato
Beam 2: End 1: 4: sle2	-21.79	18.78	0.07	1.02	Verificato
Beam 2: End 1: 5: sle3	-21.69	18.69	0.07	1.01	Verificato
Beam 2: End 1: 6: sle4	-15.15	13.52	0.01	0.74	Verificato
Beam 2: End 1: 7: X	-14.58	12.78	0.04	0.69	Verificato
Beam 2: End 1: 8: Y	-14.85	13.04	0.04	0.70	Verificato
Beam 2: End 2: 1: sle	-39.09	35.97	0.07	1.25	Verificato
Beam 2: End 2: 3: Sle1	-22.13	20.67	0.02	0.71	Verificato
Beam 2: End 2: 4: sle2	-31.38	28.54	0.07	0.98	Verificato
Beam 2: End 2: 5: sle3	-31.23	28.41	0.07	0.97	Verificato
Beam 2: End 2: 6: sle4	-21.78	20.32	0.01	0.70	Verificato
Beam 2: End 2: 7: X	-20.89	19.26	0.04	0.65	Verificato
Beam 2: End 2: 8: Y	-21.28	19.64	0.04	0.66	Verificato
Beam 3: End 1: 1: sle	-73.46	65.31	0.05	3.67	Verificato
Beam 3: End 1: 3: Sle1	-41.91	38.08	0.06	2.09	Verificato
Beam 3: End 1: 4: sle2	-55.58	48.45	0.01	2.77	Verificato
Beam 3: End 1: 5: sle3	-56.16	48.97	0.02	2.79	Verificato
Beam 3: End 1: 6: sle4	-42.43	38.56	0.07	2.11	Verificato
Beam 3: End 1: 7: X	-38.84	34.79	0.01	1.95	Verificato
Beam 3: End 1: 8: Y	-40.38	36.08	0.09	1.97	Verificato
Beam 3: End 2: 1: sle	-107.37	99.39	0.05	3.63	Verificato
Beam 3: End 2: 3: Sle1	-61.31	57.65	0.06	2.05	Verificato
Beam 3: End 2: 4: sle2	-80.9	73.93	0.01	2.73	Verificato
Beam 3: End 2: 5: sle3	-81.74	74.73	0.02	2.75	Verificato
Beam 3: End 2: 6: sle4	-62.08	58.38	0.06	2.07	Verificato
Beam 3: End 2: 7: X	-56.66	52.78	0.01	1.91	Verificato
Beam 3: End 2: 8: Y	-58.89	54.76	0.09	1.93	Verificato
Beam 4: End 1: 1: sle	-44.7	38.59	0.01	2.61	Verificato
Beam 4: End 1: 3: Sle1	-26.33	23.11	0.01	1.54	Verificato
Beam 4: End 1: 4: sle2	-35.27	29.75	0.01	2.03	Verificato
Beam 4: End 1: 5: sle3	-44.45	38.34	0.00	2.60	Verificato
Beam 4: End 1: 6: sle4	-44.64	38.52	0.02	2.60	Verificato
Beam 4: End 1: 7: X	-18.67	15.60	0.01	1.06	Verificato
Beam 4: End 1: 8: Y	-22.33	19.00	0.01	1.28	Verificato
Beam 4: End 2: 1: sle	-3.14	-3.14	0.01	2.65	Verificato
Beam 4: End 2: 3: Sle1	-1.7	-1.70	0.01	1.58	Verificato
Beam 4: End 2: 4: sle2	-2.85	-2.85	0.01	2.07	Verificato
Beam 4: End 2: 5: sle3	-3.14	-3.14	0.00	2.63	Verificato
Beam 4: End 2: 6: sle4	-3.15	-3.15	0.02	2.64	Verificato
Beam 4: End 2: 7: X	-1.62	-1.62	0.01	1.10	Verificato

Beam 4: End 2: 8: Y	-1.75	-1.75	0.02	1.32	Verificato
Beam 5: End 1: 1: sle	-34.91	28.11	0.06	1.62	Verificato
Beam 5: End 1: 3: Sle1	-23.37	18.77	0.04	1.07	Verificato
Beam 5: End 1: 4: sle2	-23.4	18.74	0.04	1.07	Verificato
Beam 5: End 1: 5: sle3	-25.01	20.06	0.05	1.15	Verificato
Beam 5: End 1: 6: sle4	-31.58	25.37	0.07	1.45	Verificato
Beam 5: End 1: 7: X	-2.17	-0.54	0.00	0.01	Verificato
Beam 5: End 1: 8: Y	-10.76	7.78	0.13	0.38	Verificato
Beam 5: End 2: 1: sle	-49.96	43.33	0.05	1.58	Verificato
Beam 5: End 2: 3: Sle1	-33.25	28.82	0.03	1.04	Verificato
Beam 5: End 2: 4: sle2	-33.29	28.80	0.03	1.04	Verificato
Beam 5: End 2: 5: sle3	-35.62	30.84	0.04	1.11	Verificato
Beam 5: End 2: 6: sle4	-45.14	39.09	0.06	1.42	Verificato
Beam 5: End 2: 7: X	-1.97	-0.56	0.01	0.03	Verificato
Beam 5: End 2: 8: Y	-14.78	11.97	0.11	0.34	Verificato
Beam 6: End 1: 1: sle	-71.22	62.69	0.02	3.56	Verificato
Beam 6: End 1: 3: Sle1	-55.82	48.13	0.02	2.75	Verificato
Beam 6: End 1: 4: sle2	-38.47	34.74	0.00	1.95	Verificato
Beam 6: End 1: 5: sle3	-38.32	34.61	0.00	1.94	Verificato
Beam 6: End 1: 6: sle4	-55.57	47.89	0.00	2.75	Verificato
Beam 6: End 1: 7: X	-27.88	24.08	0.03	1.35	Verificato
Beam 6: End 1: 8: Y	-27.45	23.74	0.04	1.32	Verificato
Beam 6: End 2: 1: sle	-103.91	95.57	0.02	3.52	Verificato
Beam 6: End 2: 3: Sle1	-81.11	73.59	0.02	2.72	Verificato
Beam 6: End 2: 4: sle2	-56.19	52.64	0.00	1.91	Verificato
Beam 6: End 2: 5: sle3	-55.97	52.43	0.00	1.90	Verificato
Beam 6: End 2: 6: sle4	-80.73	73.22	0.00	2.71	Verificato
Beam 6: End 2: 7: X	-40.3	36.68	0.03	1.31	Verificato
Beam 6: End 2: 8: Y	-39.68	36.14	0.04	1.29	Verificato
Beam 7: End 1: 1: sle	-28.35	25.27	0.10	1.35	Verificato
Beam 7: End 1: 3: Sle1	-22.97	20.16	0.08	1.08	Verificato
Beam 7: End 1: 4: sle2	-16.06	14.50	0.05	0.76	Verificato
Beam 7: End 1: 5: sle3	-16.06	14.50	0.05	0.76	Verificato
Beam 7: End 1: 6: sle4	-23.14	20.33	0.09	1.08	Verificato
Beam 7: End 1: 7: X	-13.05	11.45	0.04	0.61	Verificato
Beam 7: End 1: 8: Y	-13.39	11.80	0.06	0.61	Verificato
Beam 7: End 2: 1: sle	-41.19	38.29	0.10	1.31	Verificato
Beam 7: End 2: 3: Sle1	-33.2	30.57	0.08	1.04	Verificato
Beam 7: End 2: 4: sle2	-23.17	21.78	0.05	0.72	Verificato
Beam 7: End 2: 5: sle3	-23.17	21.78	0.05	0.73	Verificato
Beam 7: End 2: 6: sle4	-33.45	30.82	0.09	1.04	Verificato
Beam 7: End 2: 7: X	-18.64	17.22	0.04	0.57	Verificato
Beam 7: End 2: 8: Y	-19.16	17.73	0.06	0.57	Verificato
Beam 8: End 1: 1: sle	-11.08	8.23	0.41	0.31	Verificato
Beam 8: End 1: 3: Sle1	-16.6	14.44	0.31	0.85	Verificato
Beam 8: End 1: 4: sle2	-11.57	9.96	0.24	0.37	Verificato
Beam 8: End 1: 5: sle3	-10.71	9.14	0.24	0.39	Verificato
Beam 8: End 1: 6: sle4	-16.98	14.83	0.26	0.83	Verificato
Beam 8: End 1: 7: X	-11.01	9.67	0.39	0.36	Verificato

Beam 8: End 1: 8: Y	-7.22	5.83	0.09	0.40	Verificato
Beam 8: End 2: 1: sle	-2.13	-0.70	0.41	0.22	Verificato
Beam 8: End 2: 3: Sle1	-2.61	0.49	0.31	0.76	Verificato
Beam 8: End 2: 4: sle2	-1.89	0.31	0.24	0.45	Verificato
Beam 8: End 2: 5: sle3	-1.72	0.18	0.24	0.47	Verificato
Beam 8: End 2: 6: sle4	-1.53	-0.59	0.26	0.75	Verificato
Beam 8: End 2: 7: X	-1.64	0.32	0.39	0.28	Verificato
Beam 8: End 2: 8: Y	-1.45	0.09	0.09	0.32	Verificato
Beam 9: End 1: 1: sle	-77.29	71.76	0.24	7.03	Verificato
Beam 9: End 1: 3: Sle1	-55.29	51.10	0.15	6.25	Verificato
Beam 9: End 1: 4: sle2	-46.95	43.90	0.17	2.99	Verificato
Beam 9: End 1: 5: sle3	-46.9	43.87	0.18	2.97	Verificato
Beam 9: End 1: 6: sle4	-56.13	51.95	0.22	6.24	Verificato
Beam 9: End 1: 7: X	-27.43	25.39	0.07	2.96	Verificato
Beam 9: End 1: 8: Y	-27.56	25.56	0.13	2.87	Verificato
Beam 9: End 2: 1: sle	-109.15	103.59	0.24	7.11	Verificato
Beam 9: End 2: 3: Sle1	-84.66	80.44	0.15	6.33	Verificato
Beam 9: End 2: 4: sle2	-59.67	56.60	0.17	3.07	Verificato
Beam 9: End 2: 5: sle3	-59.36	56.31	0.18	3.06	Verificato
Beam 9: End 2: 6: sle4	-84.39	80.18	0.22	6.32	Verificato
Beam 9: End 2: 7: X	-41.88	39.81	0.07	3.04	Verificato
Beam 9: End 2: 8: Y	-40.61	38.58	0.13	2.95	Verificato
Beam 10: End 1: 1: sle	-31.74	29.71	0.22	2.39	Verificato
Beam 10: End 1: 3: Sle1	-23.89	22.31	0.15	2.14	Verificato
Beam 10: End 1: 4: sle2	-19.34	18.22	0.13	1.13	Verificato
Beam 10: End 1: 5: sle3	-19.6	18.46	0.14	1.13	Verificato
Beam 10: End 1: 6: sle4	-24.6	23.01	0.19	2.14	Verificato
Beam 10: End 1: 7: X	-13.18	12.32	0.02	1.13	Verificato
Beam 10: End 1: 8: Y	-14.37	13.50	0.12	1.13	Verificato
Beam 10: End 2: 1: sle	-41.27	39.22	0.22	2.48	Verificato
Beam 10: End 2: 3: Sle1	-33.13	31.51	0.15	2.22	Verificato
Beam 10: End 2: 4: sle2	-23.45	22.29	0.13	1.21	Verificato
Beam 10: End 2: 5: sle3	-23.59	22.43	0.14	1.22	Verificato
Beam 10: End 2: 6: sle4	-33.19	31.57	0.19	2.22	Verificato
Beam 10: End 2: 7: X	-18.73	17.84	0.02	1.21	Verificato
Beam 10: End 2: 8: Y	-18.9	18.00	0.12	1.22	Verificato
Beam 11: End 1: 1: sle	-17.82	8.41	0.24	1.25	Verificato
Beam 11: End 1: 3: Sle1	-45.41	38.32	0.11	3.30	Verificato
Beam 11: End 1: 4: sle2	-35.67	30.43	0.21	1.49	Verificato
Beam 11: End 1: 5: sle3	-34.15	28.83	0.22	1.43	Verificato
Beam 11: End 1: 6: sle4	-47.09	39.95	0.08	3.39	Verificato
Beam 11: End 1: 7: X	-23.8	19.16	0.31	1.50	Verificato
Beam 11: End 1: 8: Y	-22.12	17.42	0.05	1.77	Verificato
Beam 11: End 2: 1: sle	-19.85	10.47	0.24	1.17	Verificato
Beam 11: End 2: 3: Sle1	-15.68	8.63	0.11	3.22	Verificato
Beam 11: End 2: 4: sle2	-10.61	5.40	0.21	1.57	Verificato
Beam 11: End 2: 5: sle3	-9.82	4.52	0.22	1.51	Verificato
Beam 11: End 2: 6: sle4	-16.89	9.78	0.08	3.30	Verificato
Beam 11: End 2: 7: X	-9.5	4.89	0.31	1.41	Verificato

Beam 11: End 2: 8: Y	-12.04	7.37	0.05	1.69	Verificato
Beam 12: End 1: 1: sle	-108.42	94.36	0.05	6.37	Verificato
Beam 12: End 1: 3: Sle1	-82.76	70.38	0.02	4.82	Verificato
Beam 12: End 1: 4: sle2	-61.62	54.91	0.08	3.63	Verificato
Beam 12: End 1: 5: sle3	-62.47	55.68	0.08	3.68	Verificato
Beam 12: End 1: 6: sle4	-83.36	70.89	0.01	4.85	Verificato
Beam 12: End 1: 7: X	-43.3	36.74	0.07	2.48	Verificato
Beam 12: End 1: 8: Y	-59.65	52.12	0.14	3.46	Verificato
Beam 12: End 2: 1: sle	-7.12	-7.12	0.05	6.41	Verificato
Beam 12: End 2: 3: Sle1	-6.28	-6.28	0.02	4.85	Verificato
Beam 12: End 2: 4: sle2	-3.44	-3.44	0.08	3.67	Verificato
Beam 12: End 2: 5: sle3	-3.48	-3.48	0.08	3.72	Verificato
Beam 12: End 2: 6: sle4	-6.32	-6.32	0.01	4.89	Verificato
Beam 12: End 2: 7: X	-3.37	-3.37	0.07	2.52	Verificato
Beam 12: End 2: 8: Y	-3.85	-3.85	0.14	3.49	Verificato
Beam 13: End 1: 1: sle	-40.67	34.75	0.14	2.31	Verificato
Beam 13: End 1: 3: Sle1	-32.78	27.36	0.13	1.83	Verificato
Beam 13: End 1: 4: sle2	-23.51	20.44	0.06	1.35	Verificato
Beam 13: End 1: 5: sle3	-23.23	20.17	0.04	1.34	Verificato
Beam 13: End 1: 6: sle4	-32.6	27.21	0.14	1.81	Verificato
Beam 13: End 1: 7: X	-19.35	16.21	0.08	1.07	Verificato
Beam 13: End 1: 8: Y	-22.62	19.25	0.08	1.27	Verificato
Beam 13: End 2: 1: sle	-3.04	-3.04	0.14	2.34	Verificato
Beam 13: End 2: 3: Sle1	-2.8	-2.80	0.13	1.87	Verificato
Beam 13: End 2: 4: sle2	-1.62	-1.62	0.06	1.38	Verificato
Beam 13: End 2: 5: sle3	-1.62	-1.62	0.04	1.37	Verificato
Beam 13: End 2: 6: sle4	-2.79	-2.79	0.14	1.85	Verificato
Beam 13: End 2: 7: X	-1.65	-1.65	0.08	1.11	Verificato
Beam 13: End 2: 8: Y	-1.77	-1.77	0.08	1.31	Verificato
Beam 14: End 1: 1: sle	-28.38	25.34	0.11	1.34	Verificato
Beam 14: End 1: 3: Sle1	-16.11	14.56	0.06	0.76	Verificato
Beam 14: End 1: 4: sle2	-22.98	20.19	0.09	1.08	Verificato
Beam 14: End 1: 5: sle3	-23.15	20.36	0.10	1.08	Verificato
Beam 14: End 1: 6: sle4	-16.12	14.57	0.05	0.77	Verificato
Beam 14: End 1: 7: X	-15.33	13.63	0.04	0.72	Verificato
Beam 14: End 1: 8: Y	-13.43	11.84	0.06	0.61	Verificato
Beam 14: End 2: 1: sle	-41.25	38.38	0.11	1.31	Verificato
Beam 14: End 2: 3: Sle1	-23.24	21.87	0.06	0.72	Verificato
Beam 14: End 2: 4: sle2	-33.22	30.61	0.09	1.04	Verificato
Beam 14: End 2: 5: sle3	-33.48	30.86	0.09	1.04	Verificato
Beam 14: End 2: 6: sle4	-23.26	21.88	0.05	0.73	Verificato
Beam 14: End 2: 7: X	-22.03	20.51	0.04	0.69	Verificato
Beam 14: End 2: 8: Y	-19.21	17.79	0.06	0.58	Verificato
Beam 15: End 1: 1: sle	-72.09	63.52	0.06	3.58	Verificato
Beam 15: End 1: 3: Sle1	-38.96	35.21	0.03	1.96	Verificato
Beam 15: End 1: 4: sle2	-56.45	48.74	0.05	2.77	Verificato
Beam 15: End 1: 5: sle3	-56.05	48.35	0.02	2.76	Verificato
Beam 15: End 1: 6: sle4	-38.79	35.06	0.03	1.95	Verificato
Beam 15: End 1: 7: X	-38.06	33.80	0.01	1.91	Verificato

Beam 15: End 1: 8: Y	-27.48	23.76	0.02	1.34	Verificato
Beam 15: End 2: 1: sle	-105.21	96.82	0.06	3.54	Verificato
Beam 15: End 2: 3: Sle1	-56.93	53.35	0.03	1.92	Verificato
Beam 15: End 2: 4: sle2	-82.05	74.50	0.05	2.73	Verificato
Beam 15: End 2: 5: sle3	-81.45	73.92	0.02	2.73	Verificato
Beam 15: End 2: 6: sle4	-56.68	53.11	0.03	1.91	Verificato
Beam 15: End 2: 7: X	-55.43	51.35	0.01	1.87	Verificato
Beam 15: End 2: 8: Y	-39.72	36.17	0.02	1.30	Verificato
Beam 16: End 1: 1: sle	-35.64	28.83	0.10	1.63	Verificato
Beam 16: End 1: 3: Sle1	-23.88	19.22	0.07	1.08	Verificato
Beam 16: End 1: 4: sle2	-23.87	19.26	0.07	1.08	Verificato
Beam 16: End 1: 5: sle3	-32.04	25.82	0.10	1.45	Verificato
Beam 16: End 1: 6: sle4	-25.5	20.56	0.08	1.15	Verificato
Beam 16: End 1: 7: X	-31.14	27.20	0.08	1.49	Verificato
Beam 16: End 1: 8: Y	-11.3	8.31	0.16	0.39	Verificato
Beam 16: End 2: 1: sle	-51.05	44.42	0.09	1.59	Verificato
Beam 16: End 2: 3: Sle1	-34.01	29.52	0.06	1.05	Verificato
Beam 16: End 2: 4: sle2	-34	29.57	0.05	1.05	Verificato
Beam 16: End 2: 5: sle3	-45.82	39.77	0.09	1.42	Verificato
Beam 16: End 2: 6: sle4	-36.36	31.59	0.07	1.12	Verificato
Beam 16: End 2: 7: X	-45.07	41.29	0.06	1.45	Verificato
Beam 16: End 2: 8: Y	-15.58	12.76	0.14	0.35	Verificato
Beam 17: End 1: 1: sle	-29.83	26.40	0.00	1.49	Verificato
Beam 17: End 1: 3: Sle1	-23.46	20.37	0.00	1.15	Verificato
Beam 17: End 1: 4: sle2	-17.46	15.71	0.00	0.87	Verificato
Beam 17: End 1: 5: sle3	-29.72	26.28	0.00	1.48	Verificato
Beam 17: End 1: 6: sle4	-29.79	26.35	0.01	1.48	Verificato
Beam 17: End 1: 7: X	-17.23	15.27	0.00	0.85	Verificato
Beam 17: End 1: 8: Y	-14.76	12.95	0.01	0.72	Verificato
Beam 17: End 2: 1: sle	-43.33	40.06	0.01	1.45	Verificato
Beam 17: End 2: 3: Sle1	-33.87	30.95	0.00	1.12	Verificato
Beam 17: End 2: 4: sle2	-25.22	23.65	0.00	0.83	Verificato
Beam 17: End 2: 5: sle3	-43.15	39.88	0.00	1.44	Verificato
Beam 17: End 2: 6: sle4	-43.26	40.00	0.01	1.44	Verificato
Beam 17: End 2: 7: X	-24.82	23.03	0.00	0.81	Verificato
Beam 17: End 2: 8: Y	-21.16	19.52	0.01	0.68	Verificato
Beam 18: End 1: 1: sle	-10.67	7.72	0.31	0.34	Verificato
Beam 18: End 1: 3: Sle1	-9.97	8.29	0.22	0.35	Verificato
Beam 18: End 1: 4: sle2	-15.87	13.66	0.19	0.87	Verificato
Beam 18: End 1: 5: sle3	-15.87	13.67	0.21	0.85	Verificato
Beam 18: End 1: 6: sle4	-9.52	7.89	0.18	0.37	Verificato
Beam 18: End 1: 7: X	-1.4	0.09	0.04	0.05	Verificato
Beam 18: End 1: 8: Y	-7.2	5.76	0.07	0.42	Verificato
Beam 18: End 2: 1: sle	-1.46	-1.46	0.31	0.26	Verificato
Beam 18: End 2: 3: Sle1	-0.82	-0.82	0.22	0.43	Verificato
Beam 18: End 2: 4: sle2	-1.09	-1.09	0.19	0.78	Verificato
Beam 18: End 2: 5: sle3	-1.09	-1.09	0.21	0.77	Verificato
Beam 18: End 2: 6: sle4	-0.8	-0.80	0.18	0.45	Verificato
Beam 18: End 2: 7: X	-0.64	-0.64	0.04	0.03	Verificato

Beam 18: End 2: 8: Y	-0.71	-0.71	0.07	0.33	Verificato
Beam 19: End 1: 1: sle	-77.65	72.10	0.25	7.06	Verificato
Beam 19: End 1: 3: Sle1	-47.07	44.02	0.17	3.01	Verificato
Beam 19: End 1: 4: sle2	-55.59	51.38	0.15	6.27	Verificato
Beam 19: End 1: 5: sle3	-56.42	52.21	0.22	6.25	Verificato
Beam 19: End 1: 6: sle4	-46.97	43.93	0.18	3.00	Verificato
Beam 19: End 1: 7: X	-45.39	42.49	0.29	3.39	Verificato
Beam 19: End 1: 8: Y	-27.89	25.87	0.13	2.88	Verificato
Beam 19: End 2: 1: sle	-109.66	104.08	0.25	7.15	Verificato
Beam 19: End 2: 3: Sle1	-59.93	56.84	0.17	3.09	Verificato
Beam 19: End 2: 4: sle2	-85.07	80.83	0.15	6.35	Verificato
Beam 19: End 2: 5: sle3	-84.72	80.48	0.22	6.34	Verificato
Beam 19: End 2: 6: sle4	-59.61	56.54	0.18	3.08	Verificato
Beam 19: End 2: 7: X	-58.39	55.45	0.29	3.48	Verificato
Beam 19: End 2: 8: Y	-41.01	38.96	0.13	2.96	Verificato
Beam 20: End 1: 1: sle	-12.21	8.60	0.57	0.32	Verificato
Beam 20: End 1: 3: Sle1	-17.32	15.25	0.42	0.61	Verificato
Beam 20: End 1: 4: sle2	-18.76	16.05	0.29	1.13	Verificato
Beam 20: End 1: 5: sle3	-12.61	9.02	0.55	0.34	Verificato
Beam 20: End 1: 6: sle4	-8.51	4.93	0.42	0.32	Verificato
Beam 20: End 1: 7: X	-8.76	6.90	0.22	0.71	Verificato
Beam 20: End 1: 8: Y	-8.85	7.24	0.46	0.24	Verificato
Beam 20: End 2: 1: sle	-4.61	1.02	0.58	0.24	Verificato
Beam 20: End 2: 3: Sle1	-2.25	0.21	0.42	0.70	Verificato
Beam 20: End 2: 4: sle2	-4.03	1.35	0.29	1.05	Verificato
Beam 20: End 2: 5: sle3	-4.92	1.36	0.56	0.26	Verificato
Beam 20: End 2: 6: sle4	-5.67	2.12	0.42	0.24	Verificato
Beam 20: End 2: 7: X	-6.14	4.32	0.22	0.63	Verificato
Beam 20: End 2: 8: Y	-2.91	1.32	0.46	0.15	Verificato
Beam 21: End 1: 1: sle	-32.28	12.14	0.06	1.64	Verificato
Beam 21: End 1: 3: Sle1	-21.85	8.44	0.08	1.09	Verificato
Beam 21: End 1: 4: sle2	-21.61	8.18	0.00	1.08	Verificato
Beam 21: End 1: 5: sle3	-30.6	14.63	0.06	0.68	Verificato
Beam 21: End 1: 6: sle4	-28.94	12.73	0.04	0.71	Verificato
Beam 21: End 1: 7: X	-15.82	6.40	0.17	0.74	Verificato
Beam 21: End 1: 8: Y	-46.76	35.50	0.07	1.16	Verificato
Beam 21: End 2: 1: sle	-62.94	42.77	0.06	1.52	Verificato
Beam 21: End 2: 3: Sle1	-42.45	29.01	0.08	0.97	Verificato
Beam 21: End 2: 4: sle2	-41.84	28.38	0.00	0.97	Verificato
Beam 21: End 2: 5: sle3	-41.53	25.53	0.06	0.56	Verificato
Beam 21: End 2: 6: sle4	-42.6	26.36	0.04	0.59	Verificato
Beam 21: End 2: 7: X	-32.22	22.77	0.17	0.62	Verificato
Beam 21: End 2: 8: Y	-22.02	10.74	0.07	1.28	Verificato
Beam 22: End 1: 1: sle	-26.65	17.36	0.43	1.10	Verificato
Beam 22: End 1: 3: Sle1	-30.26	25.10	0.30	1.58	Verificato
Beam 22: End 1: 4: sle2	-52.87	45.85	0.29	3.20	Verificato
Beam 22: End 1: 5: sle3	-54.74	47.66	0.32	3.29	Verificato
Beam 22: End 1: 6: sle4	-28.7	23.46	0.25	1.51	Verificato
Beam 22: End 1: 7: X	-4.38	0.60	0.00	0.13	Verificato

Beam 22: End 1: 8: Y	-28.63	23.97	0.17	1.71	Verificato
Beam 22: End 2: 1: sle	-4.63	-4.63	0.43	1.02	Verificato
Beam 22: End 2: 3: Sle1	-2.56	-2.56	0.30	1.66	Verificato
Beam 22: End 2: 4: sle2	-3.5	-3.50	0.29	3.12	Verificato
Beam 22: End 2: 5: sle3	-3.52	-3.52	0.32	3.21	Verificato
Beam 22: End 2: 6: sle4	-2.6	-2.60	0.25	1.60	Verificato
Beam 22: End 2: 7: X	-1.87	-1.87	0.00	0.21	Verificato
Beam 22: End 2: 8: Y	-2.32	-2.32	0.16	1.63	Verificato
Beam 23: End 1: 1: sle	-31.84	29.82	0.22	2.37	Verificato
Beam 23: End 1: 3: Sle1	-19.46	18.33	0.14	1.11	Verificato
Beam 23: End 1: 4: sle2	-23.93	22.35	0.15	2.13	Verificato
Beam 23: End 1: 5: sle3	-24.7	23.11	0.20	2.13	Verificato
Beam 23: End 1: 6: sle4	-19.67	18.54	0.14	1.12	Verificato
Beam 23: End 1: 7: X	-19.22	18.17	0.22	1.22	Verificato
Beam 23: End 1: 8: Y	-14.49	13.62	0.12	1.12	Verificato
Beam 23: End 2: 1: sle	-41.2	39.15	0.22	2.45	Verificato
Beam 23: End 2: 3: Sle1	-23.45	22.30	0.14	1.20	Verificato
Beam 23: End 2: 4: sle2	-33.07	31.46	0.15	2.21	Verificato
Beam 23: End 2: 5: sle3	-33.17	31.54	0.20	2.21	Verificato
Beam 23: End 2: 6: sle4	-23.61	22.44	0.14	1.20	Verificato
Beam 23: End 2: 7: X	-22.38	21.30	0.22	1.31	Verificato
Beam 23: End 2: 8: Y	-18.98	18.07	0.12	1.21	Verificato
Beam 24: End 1: 1: sle	-1.79	-1.79	0.52	0.20	Verificato
Beam 24: End 1: 3: Sle1	-1.34	-1.34	0.25	1.02	Verificato
Beam 24: End 1: 4: sle2	-1.01	-1.01	0.38	0.72	Verificato
Beam 24: End 1: 5: sle3	-1.77	-1.77	0.34	0.19	Verificato
Beam 24: End 1: 6: sle4	-1.77	-1.77	0.54	0.21	Verificato
Beam 24: End 1: 7: X	-0.68	-0.68	0.09	0.36	Verificato
Beam 24: End 1: 8: Y	-0.79	-0.79	0.39	0.13	Verificato
Beam 24: End 2: 1: sle	-13.54	9.93	0.52	0.28	Verificato
Beam 24: End 2: 3: Sle1	-20.37	17.66	0.25	1.10	Verificato
Beam 24: End 2: 4: sle2	-16.81	14.76	0.38	0.64	Verificato
Beam 24: End 2: 5: sle3	-10.6	7.04	0.34	0.27	Verificato
Beam 24: End 2: 6: sle4	-14.04	10.46	0.54	0.29	Verificato
Beam 24: End 2: 7: X	-6.52	5.13	0.09	0.27	Verificato
Beam 24: End 2: 8: Y	-9.46	7.85	0.39	0.21	Verificato
Beam 25: End 1: 1: sle	-7.54	4.94	0.07	1.12	Verificato
Beam 25: End 1: 3: Sle1	-9	7.21	0.01	0.95	Verificato
Beam 25: End 1: 4: sle2	-8.59	6.96	0.08	0.54	Verificato
Beam 25: End 1: 5: sle3	-5.69	3.11	0.06	1.11	Verificato
Beam 25: End 1: 6: sle4	-7.62	5.03	0.08	1.13	Verificato
Beam 25: End 1: 7: X	-3.21	2.24	0.05	0.24	Verificato
Beam 25: End 1: 8: Y	-5.11	3.96	0.07	0.53	Verificato
Beam 25: End 2: 1: sle	-16.62	13.98	0.08	1.20	Verificato
Beam 25: End 2: 3: Sle1	-17.95	16.13	0.01	1.04	Verificato
Beam 25: End 2: 4: sle2	-4.61	2.95	0.08	0.63	Verificato
Beam 25: End 2: 5: sle3	-14.89	12.28	0.06	1.20	Verificato
Beam 25: End 2: 6: sle4	-16.68	14.06	0.08	1.21	Verificato
Beam 25: End 2: 7: X	-1.27	0.26	0.05	0.32	Verificato

Beam 25: End 2: 8: Y	-11.26	10.08	0.07	0.61	Verificato
Beam 26: End 1: 1: sle	-11.52	9.15	0.04	1.67	Verificato
Beam 26: End 1: 3: Sle1	-12.01	10.48	0.02	1.03	Verificato
Beam 26: End 1: 4: sle2	-3.55	1.95	0.03	1.22	Verificato
Beam 26: End 1: 5: sle3	-10.1	7.75	0.02	1.67	Verificato
Beam 26: End 1: 6: sle4	-11.46	9.10	0.05	1.68	Verificato
Beam 26: End 1: 7: X	-0.99	0.11	0.03	0.57	Verificato
Beam 26: End 1: 8: Y	-7.99	6.93	0.00	0.79	Verificato
Beam 26: End 2: 1: sle	-23.01	20.61	0.04	1.76	Verificato
Beam 26: End 2: 3: Sle1	-19.26	17.70	0.02	1.11	Verificato
Beam 26: End 2: 4: sle2	-12.02	10.39	0.03	1.30	Verificato
Beam 26: End 2: 5: sle3	-21.86	19.47	0.02	1.75	Verificato
Beam 26: End 2: 6: sle4	-22.94	20.56	0.05	1.76	Verificato
Beam 26: End 2: 7: X	-5.63	4.72	0.03	0.65	Verificato
Beam 26: End 2: 8: Y	-13.92	12.82	0.00	0.88	Verificato
Beam 27: End 1: 1: sle	-23.1	20.44	0.03	2.43	Verificato
Beam 27: End 1: 3: Sle1	-19.27	17.63	0.02	1.30	Verificato
Beam 27: End 1: 4: sle2	-12.1	10.22	0.02	1.97	Verificato
Beam 27: End 1: 5: sle3	-21.87	19.23	0.02	2.43	Verificato
Beam 27: End 1: 6: sle4	-22.92	20.28	0.02	2.44	Verificato
Beam 27: End 1: 7: X	-5.8	4.82	0.01	0.95	Verificato
Beam 27: End 1: 8: Y	-13.83	12.63	0.03	1.16	Verificato
Beam 27: End 2: 1: sle	-41.05	38.37	0.03	2.51	Verificato
Beam 27: End 2: 3: Sle1	-29.03	27.37	0.02	1.38	Verificato
Beam 27: End 2: 4: sle2	-26.69	24.78	0.02	2.05	Verificato
Beam 27: End 2: 5: sle3	-39.74	37.07	0.02	2.51	Verificato
Beam 27: End 2: 6: sle4	-40.78	38.11	0.02	2.52	Verificato
Beam 27: End 2: 7: X	-12.99	11.98	0.01	1.03	Verificato
Beam 27: End 2: 8: Y	-21.94	20.71	0.03	1.25	Verificato
Beam 28: End 1: 1: sle	-29.22	26.78	0.09	2.62	Verificato
Beam 28: End 1: 3: Sle1	-20.6	19.15	0.05	1.30	Verificato
Beam 28: End 1: 4: sle2	-19.02	17.23	0.06	2.24	Verificato
Beam 28: End 1: 5: sle3	-28.11	25.69	0.07	2.62	Verificato
Beam 28: End 1: 6: sle4	-28.95	26.52	0.07	2.63	Verificato
Beam 28: End 1: 7: X	-9.4	8.50	0.01	1.09	Verificato
Beam 28: End 1: 8: Y	-15.79	14.68	0.05	1.26	Verificato
Beam 28: End 2: 1: sle	-46.33	43.86	0.09	2.70	Verificato
Beam 28: End 2: 3: Sle1	-29.37	27.90	0.05	1.38	Verificato
Beam 28: End 2: 4: sle2	-33.47	31.65	0.06	2.32	Verificato
Beam 28: End 2: 5: sle3	-44.89	42.44	0.07	2.70	Verificato
Beam 28: End 2: 6: sle4	-45.86	43.40	0.07	2.71	Verificato
Beam 28: End 2: 7: X	-15.93	15.00	0.01	1.17	Verificato
Beam 28: End 2: 8: Y	-22.77	21.63	0.05	1.34	Verificato
Beam 29: End 1: 1: sle	-40.17	38.21	0.17	2.67	Verificato
Beam 29: End 1: 3: Sle1	-23.15	22.02	0.11	1.28	Verificato
Beam 29: End 1: 4: sle2	-31.92	30.40	0.12	2.41	Verificato
Beam 29: End 1: 5: sle3	-31.64	30.14	0.15	2.39	Verificato
Beam 29: End 1: 6: sle4	-22.94	21.82	0.12	1.28	Verificato
Beam 29: End 1: 7: X	-21.58	20.56	0.04	1.40	Verificato

Beam 29: End 1: 8: Y	-21.91	20.87	0.17	1.42	Verificato
Beam 29: End 2: 1: sle	-29.12	27.18	0.17	2.59	Verificato
Beam 29: End 2: 3: Sle1	-18.44	17.34	0.11	1.20	Verificato
Beam 29: End 2: 4: sle2	-21.41	19.92	0.12	2.32	Verificato
Beam 29: End 2: 5: sle3	-21.53	20.05	0.15	2.31	Verificato
Beam 29: End 2: 6: sle4	-18.49	17.40	0.12	1.19	Verificato
Beam 29: End 2: 7: X	-14.96	13.97	0.04	1.31	Verificato
Beam 29: End 2: 8: Y	-17.42	16.41	0.17	1.34	Verificato
Beam 30: End 1: 1: sle	-39.04	36.99	0.07	2.49	Verificato
Beam 30: End 1: 3: Sle1	-24.68	23.46	0.03	1.25	Verificato
Beam 30: End 1: 4: sle2	-28.75	27.22	0.06	2.18	Verificato
Beam 30: End 1: 5: sle3	-28.85	27.33	0.08	2.17	Verificato
Beam 30: End 1: 6: sle4	-24.71	23.50	0.04	1.24	Verificato
Beam 30: End 1: 7: X	-20.23	19.18	0.04	1.30	Verificato
Beam 30: End 1: 8: Y	-23.15	22.08	0.09	1.33	Verificato
Beam 30: End 2: 1: sle	-25.72	23.70	0.07	2.41	Verificato
Beam 30: End 2: 3: Sle1	-18	16.81	0.03	1.17	Verificato
Beam 30: End 2: 4: sle2	-17.1	15.60	0.06	2.10	Verificato
Beam 30: End 2: 5: sle3	-17.49	16.01	0.08	2.08	Verificato
Beam 30: End 2: 6: sle4	-18.22	17.03	0.04	1.16	Verificato
Beam 30: End 2: 7: X	-12.86	11.84	0.04	1.22	Verificato
Beam 30: End 2: 8: Y	-16.94	15.89	0.09	1.25	Verificato
Beam 31: End 1: 1: sle	-36.15	33.97	0.10	2.25	Verificato
Beam 31: End 1: 3: Sle1	-25.28	23.92	0.08	1.22	Verificato
Beam 31: End 1: 4: sle2	-24.07	22.51	0.06	1.88	Verificato
Beam 31: End 1: 5: sle3	-24.5	22.96	0.05	1.87	Verificato
Beam 31: End 1: 6: sle4	-25.5	24.15	0.09	1.20	Verificato
Beam 31: End 1: 7: X	-18.94	17.84	0.08	1.19	Verificato
Beam 31: End 1: 8: Y	-23.38	22.25	0.04	1.23	Verificato
Beam 31: End 2: 1: sle	-18.88	16.73	0.10	2.17	Verificato
Beam 31: End 2: 3: Sle1	-15.6	14.28	0.08	1.13	Verificato
Beam 31: End 2: 4: sle2	-10.14	8.61	0.06	1.80	Verificato
Beam 31: End 2: 5: sle3	-10.74	9.23	0.05	1.78	Verificato
Beam 31: End 2: 6: sle4	-15.87	14.54	0.09	1.12	Verificato
Beam 31: End 2: 7: X	-12.04	10.97	0.08	1.11	Verificato
Beam 31: End 2: 8: Y	-14.26	13.17	0.04	1.14	Verificato
Beam 32: End 1: 1: sle	-19.03	17.11	0.17	1.53	Verificato
Beam 32: End 1: 3: Sle1	-15.63	14.36	0.12	0.95	Verificato
Beam 32: End 1: 4: sle2	-10.31	9.01	0.11	1.17	Verificato
Beam 32: End 1: 5: sle3	-10.9	9.63	0.12	1.16	Verificato
Beam 32: End 1: 6: sle4	-15.89	14.63	0.14	0.94	Verificato
Beam 32: End 1: 7: X	-12.48	11.53	0.06	0.84	Verificato
Beam 32: End 1: 8: Y	-14.36	13.38	0.14	0.87	Verificato
Beam 32: End 2: 1: sle	-7.67	5.79	0.17	1.45	Verificato
Beam 32: End 2: 3: Sle1	-8.85	7.62	0.12	0.86	Verificato
Beam 32: End 2: 4: sle2	-1.86	0.59	0.11	1.09	Verificato
Beam 32: End 2: 5: sle3	-1.15	-0.10	0.12	1.07	Verificato
Beam 32: End 2: 6: sle4	-8.62	7.39	0.14	0.85	Verificato
Beam 32: End 2: 7: X	-7.72	6.80	0.06	0.76	Verificato

Beam 32: End 2: 8: Y	-6.16	5.21	0.14	0.79	Verificato
Beam 33: End 1: 1: sle	-12.4	10.32	0.12	1.03	Verificato
Beam 33: End 1: 3: Sle1	-13.52	12.06	0.08	0.85	Verificato
Beam 33: End 1: 4: sle2	-3.68	2.38	0.08	0.59	Verificato
Beam 33: End 1: 5: sle3	-2.65	1.38	0.09	0.58	Verificato
Beam 33: End 1: 6: sle4	-13.19	11.74	0.11	0.83	Verificato
Beam 33: End 1: 7: X	-11.39	10.38	0.04	0.63	Verificato
Beam 33: End 1: 8: Y	-9.16	8.13	0.16	0.66	Verificato
Beam 33: End 2: 1: sle	-5.52	3.47	0.12	0.95	Verificato
Beam 33: End 2: 3: Sle1	-7.62	6.19	0.08	0.76	Verificato
Beam 33: End 2: 4: sle2	-6.16	4.89	0.08	0.51	Verificato
Beam 33: End 2: 5: sle3	-5.57	4.32	0.09	0.49	Verificato
Beam 33: End 2: 6: sle4	-7.91	6.49	0.11	0.75	Verificato
Beam 33: End 2: 7: X	-5.58	4.60	0.04	0.54	Verificato
Beam 33: End 2: 8: Y	-3.05	2.05	0.16	0.57	Verificato
Beam 34: End 1: 1: sle	-4.12	-4.12	0.08	0.02	Verificato
Beam 34: End 1: 3: Sle1	-2.21	-2.21	0.04	2.34	Verificato
Beam 34: End 1: 4: sle2	-3.18	-3.18	0.03	2.42	Verificato
Beam 34: End 1: 5: sle3	-3.15	-3.15	0.01	2.38	Verificato
Beam 34: End 1: 6: sle4	-2.21	-2.21	0.12	2.42	Verificato
Beam 34: End 1: 7: X	-1.61	-1.61	0.23	0.69	Verificato
Beam 34: End 1: 8: Y	-1.55	-1.55	0.13	0.95	Verificato
Beam 34: End 2: 1: sle	-5.65	-2.62	0.08	0.06	Verificato
Beam 34: End 2: 3: Sle1	-35.53	31.08	0.04	2.26	Verificato
Beam 34: End 2: 4: sle2	-38.62	32.24	0.03	2.51	Verificato
Beam 34: End 2: 5: sle3	-37.61	31.27	0.01	2.46	Verificato
Beam 34: End 2: 6: sle4	-37.81	33.37	0.12	2.33	Verificato
Beam 34: End 2: 7: X	-14.45	11.20	0.23	0.60	Verificato
Beam 34: End 2: 8: Y	-16.49	13.37	0.13	0.87	Verificato
Beam 35: End 1: 1: sle	-5.91	-0.17	0.22	2.51	Verificato
Beam 35: End 1: 3: Sle1	-16.3	12.60	0.15	1.09	Verificato
Beam 35: End 1: 4: sle2	-15.49	11.25	0.12	2.22	Verificato
Beam 35: End 1: 5: sle3	-15.07	10.87	0.12	2.20	Verificato
Beam 35: End 1: 6: sle4	-17.32	13.61	0.19	1.05	Verificato
Beam 35: End 1: 7: X	-8.58	6.26	0.01	0.69	Verificato
Beam 35: End 1: 8: Y	-7.55	5.30	0.11	0.53	Verificato
Beam 35: End 2: 1: sle	-26.32	20.21	0.22	2.59	Verificato
Beam 35: End 2: 3: Sle1	-6.91	3.17	0.15	1.17	Verificato
Beam 35: End 2: 4: sle2	-35.87	31.60	0.12	2.31	Verificato
Beam 35: End 2: 5: sle3	-35.66	31.43	0.12	2.28	Verificato
Beam 35: End 2: 6: sle4	-7.54	3.80	0.19	1.13	Verificato
Beam 35: End 2: 7: X	-5.97	3.61	0.01	0.78	Verificato
Beam 35: End 2: 8: Y	-4.34	2.06	0.11	0.61	Verificato
Beam 36: End 1: 1: sle	-16.53	10.94	0.15	4.01	Verificato
Beam 36: End 1: 3: Sle1	-5.59	1.88	0.10	2.89	Verificato
Beam 36: End 1: 4: sle2	-22.74	19.13	0.09	2.37	Verificato
Beam 36: End 1: 5: sle3	-22.73	19.14	0.09	2.35	Verificato
Beam 36: End 1: 6: sle4	-5.94	2.23	0.13	2.86	Verificato
Beam 36: End 1: 7: X	-4.34	2.22	0.03	1.46	Verificato

Beam 36: End 1: 8: Y	-3.58	1.53	0.05	1.32	Verificato
Beam 36: End 2: 1: sle	-47.66	42.03	0.15	4.09	Verificato
Beam 36: End 2: 3: Sle1	-22.07	18.33	0.10	2.97	Verificato
Beam 36: End 2: 4: sle2	-41.35	37.71	0.09	2.45	Verificato
Beam 36: End 2: 5: sle3	-41.21	37.59	0.09	2.43	Verificato
Beam 36: End 2: 6: sle4	-22.13	18.39	0.13	2.95	Verificato
Beam 36: End 2: 7: X	-14.56	12.42	0.03	1.54	Verificato
Beam 36: End 2: 8: Y	-13.57	11.49	0.05	1.41	Verificato
Beam 37: End 1: 1: sle	-46.57	40.26	0.13	5.99	Verificato
Beam 37: End 1: 3: Sle1	-21.19	16.76	0.09	4.88	Verificato
Beam 37: End 1: 4: sle2	-40.84	37.01	0.08	2.97	Verificato
Beam 37: End 1: 5: sle3	-40.76	36.96	0.08	2.96	Verificato
Beam 37: End 1: 6: sle4	-21.5	17.07	0.11	4.86	Verificato
Beam 37: End 1: 7: X	-14.43	12.06	0.05	2.37	Verificato
Beam 37: End 1: 8: Y	-13.66	11.36	0.01	2.23	Verificato
Beam 37: End 2: 1: sle	-91.36	85.02	0.13	6.07	Verificato
Beam 37: End 2: 3: Sle1	-57.6	53.13	0.09	4.96	Verificato
Beam 37: End 2: 4: sle2	-63.46	59.60	0.08	3.06	Verificato
Beam 37: End 2: 5: sle3	-63.29	59.46	0.08	3.04	Verificato
Beam 37: End 2: 6: sle4	-58.08	53.61	0.11	4.94	Verificato
Beam 37: End 2: 7: X	-30.71	28.32	0.05	2.45	Verificato
Beam 37: End 2: 8: Y	-29.86	27.53	0.01	2.31	Verificato
Beam 38: End 1: 1: sle	-63.98	58.12	0.07	6.60	Verificato
Beam 38: End 1: 3: Sle1	-40.16	35.87	0.06	5.69	Verificato
Beam 38: End 1: 4: sle2	-44.63	41.26	0.04	2.98	Verificato
Beam 38: End 1: 5: sle3	-44.58	41.23	0.04	2.96	Verificato
Beam 38: End 1: 6: sle4	-40.85	36.56	0.07	5.67	Verificato
Beam 38: End 1: 7: X	-21.74	19.56	0.06	2.71	Verificato
Beam 38: End 1: 8: Y	-21.57	19.44	0.04	2.60	Verificato
Beam 38: End 2: 1: sle	-104.34	98.46	0.07	6.69	Verificato
Beam 38: End 2: 3: Sle1	-74.93	70.60	0.06	5.77	Verificato
Beam 38: End 2: 4: sle2	-63.06	59.67	0.04	3.06	Verificato
Beam 38: End 2: 5: sle3	-62.94	59.56	0.04	3.05	Verificato
Beam 38: End 2: 6: sle4	-75.66	71.34	0.07	5.76	Verificato
Beam 38: End 2: 7: X	-36.98	34.77	0.06	2.80	Verificato
Beam 38: End 2: 8: Y	-36.58	34.42	0.04	2.68	Verificato
Beam 39: End 1: 1: sle	-1.57	-1.57	0.06	0.06	Verificato
Beam 39: End 1: 3: Sle1	-0.98	-0.98	0.04	0.58	Verificato
Beam 39: End 1: 4: sle2	-1.09	-1.09	0.02	0.69	Verificato
Beam 39: End 1: 5: sle3	-1.1	-1.10	0.01	0.71	Verificato
Beam 39: End 1: 6: sle4	-0.98	-0.98	0.10	0.57	Verificato
Beam 39: End 1: 7: X	-0.69	-0.69	0.22	0.11	Verificato
Beam 39: End 1: 8: Y	-0.69	-0.69	0.12	0.15	Verificato
Beam 39: End 2: 1: sle	-3.99	0.82	0.06	0.14	Verificato
Beam 39: End 2: 3: Sle1	-9.33	7.35	0.04	0.50	Verificato
Beam 39: End 2: 4: sle2	-11.89	9.67	0.03	0.77	Verificato
Beam 39: End 2: 5: sle3	-11.85	9.61	0.01	0.79	Verificato
Beam 39: End 2: 6: sle4	-10.09	8.10	0.10	0.49	Verificato
Beam 39: End 2: 7: X	-5.09	3.69	0.22	0.02	Verificato

Beam 39: End 2: 8: Y	-4.05	2.65	0.12	0.06	Verificato
Beam 40: End 1: 1: sle	-3.73	1.48	0.06	0.82	Verificato
Beam 40: End 1: 3: Sle1	-2.63	1.13	0.04	0.40	Verificato
Beam 40: End 1: 4: sle2	-6.03	4.56	0.03	0.71	Verificato
Beam 40: End 1: 5: sle3	-6.29	4.81	0.04	0.71	Verificato
Beam 40: End 1: 6: sle4	-2.73	1.22	0.07	0.40	Verificato
Beam 40: End 1: 7: X	-2.63	1.66	0.09	0.29	Verificato
Beam 40: End 1: 8: Y	-2.33	1.36	0.07	0.28	Verificato
Beam 40: End 2: 1: sle	-12.37	10.09	0.06	0.90	Verificato
Beam 40: End 2: 3: Sle1	-3.83	2.30	0.04	0.48	Verificato
Beam 40: End 2: 4: sle2	-13.18	11.69	0.03	0.79	Verificato
Beam 40: End 2: 5: sle3	-13.59	12.08	0.04	0.80	Verificato
Beam 40: End 2: 6: sle4	-3.84	2.31	0.07	0.49	Verificato
Beam 40: End 2: 7: X	-7.07	6.07	0.09	0.38	Verificato
Beam 40: End 2: 8: Y	-6.26	5.26	0.07	0.36	Verificato
Beam 41: End 1: 1: sle	-10.29	8.24	0.09	1.31	Verificato
Beam 41: End 1: 3: Sle1	-4.32	2.88	0.05	0.97	Verificato
Beam 41: End 1: 4: sle2	-9.64	8.38	0.06	0.80	Verificato
Beam 41: End 1: 5: sle3	-9.95	8.67	0.06	0.81	Verificato
Beam 41: End 1: 6: sle4	-4.32	2.88	0.09	0.97	Verificato
Beam 41: End 1: 7: X	-5.35	4.47	0.02	0.55	Verificato
Beam 41: End 1: 8: Y	-5.47	4.60	0.03	0.54	Verificato
Beam 41: End 2: 1: sle	-21.27	19.20	0.09	1.39	Verificato
Beam 41: End 2: 3: Sle1	-12.26	10.78	0.05	1.05	Verificato
Beam 41: End 2: 4: sle2	-16.63	15.34	0.06	0.89	Verificato
Beam 41: End 2: 5: sle3	-17.01	15.71	0.06	0.89	Verificato
Beam 41: End 2: 6: sle4	-12.91	11.44	0.09	1.05	Verificato
Beam 41: End 2: 7: X	-9.88	8.97	0.02	0.63	Verificato
Beam 41: End 2: 8: Y	-10.12	9.21	0.03	0.63	Verificato
Beam 42: End 1: 1: sle	-23.28	20.98	0.05	1.98	Verificato
Beam 42: End 1: 3: Sle1	-13.97	12.27	0.03	1.63	Verificato
Beam 42: End 1: 4: sle2	-17.52	16.15	0.05	1.06	Verificato
Beam 42: End 1: 5: sle3	-17.91	16.53	0.05	1.06	Verificato
Beam 42: End 1: 6: sle4	-14.64	12.95	0.05	1.63	Verificato
Beam 42: End 1: 7: X	-10.1	9.12	0.02	0.89	Verificato
Beam 42: End 1: 8: Y	-11.11	10.12	0.02	0.88	Verificato
Beam 42: End 2: 1: sle	-38.47	36.14	0.05	2.06	Verificato
Beam 42: End 2: 3: Sle1	-26.25	24.52	0.03	1.72	Verificato
Beam 42: End 2: 4: sle2	-26.1	24.71	0.05	1.14	Verificato
Beam 42: End 2: 5: sle3	-26.55	25.14	0.05	1.15	Verificato
Beam 42: End 2: 6: sle4	-27.38	25.65	0.05	1.71	Verificato
Beam 42: End 2: 7: X	-16.44	15.43	0.02	0.97	Verificato
Beam 42: End 2: 8: Y	-17.42	16.41	0.02	0.97	Verificato
Beam 43: End 1: 1: sle	-29	26.86	0.08	2.21	Verificato
Beam 43: End 1: 3: Sle1	-20.09	18.46	0.07	1.92	Verificato
Beam 43: End 1: 4: sle2	-19.23	18.01	0.04	1.09	Verificato
Beam 43: End 1: 5: sle3	-19.59	18.36	0.04	1.10	Verificato
Beam 43: End 1: 6: sle4	-21.04	19.41	0.07	1.92	Verificato
Beam 43: End 1: 7: X	-11.9	11.00	0.04	1.02	Verificato

Beam 43: End 1: 8: Y	-13.34	12.43	0.08	1.02	Verificato
Beam 43: End 2: 1: sle	-40.95	38.79	0.08	2.30	Verificato
Beam 43: End 2: 3: Sle1	-30.62	28.96	0.07	2.00	Verificato
Beam 43: End 2: 4: sle2	-25.3	24.05	0.04	1.18	Verificato
Beam 43: End 2: 5: sle3	-25.61	24.35	0.04	1.18	Verificato
Beam 43: End 2: 6: sle4	-31.44	29.77	0.07	2.00	Verificato
Beam 43: End 2: 7: X	-17.61	16.67	0.04	1.10	Verificato
Beam 43: End 2: 8: Y	-18.41	17.47	0.08	1.10	Verificato
Beam 44: End 1: 1: sle	-108.36	107.35	0.23	6.83	Verificato
Beam 44: End 1: 3: Sle1	-64.69	61.39	0.17	3.17	Verificato
Beam 44: End 1: 4: sle2	-85.02	80.74	0.14	5.89	Verificato
Beam 44: End 1: 5: sle3	-85.81	81.50	0.18	5.92	Verificato
Beam 44: End 1: 6: sle4	-65.68	62.34	0.20	3.20	Verificato
Beam 44: End 1: 7: X	-59.7	56.69	0.05	3.35	Verificato
Beam 44: End 1: 8: Y	-62.23	59.20	0.28	3.49	Verificato
Beam 44: End 2: 1: sle	-81.74	76.01	0.23	6.74	Verificato
Beam 44: End 2: 3: Sle1	-50.85	47.57	0.17	3.09	Verificato
Beam 44: End 2: 4: sle2	-57.45	53.20	0.14	5.81	Verificato
Beam 44: End 2: 5: sle3	-58.41	54.13	0.18	5.84	Verificato
Beam 44: End 2: 6: sle4	-51.93	48.63	0.20	3.12	Verificato
Beam 44: End 2: 7: X	-43.75	40.77	0.05	3.27	Verificato
Beam 44: End 2: 8: Y	-47.55	44.55	0.28	3.41	Verificato
Beam 45: End 1: 1: sle	-109.82	103.62	0.04	6.59	Verificato
Beam 45: End 1: 3: Sle1	-68.46	64.78	0.02	3.23	Verificato
Beam 45: End 1: 4: sle2	-77.03	72.56	0.04	5.49	Verificato
Beam 45: End 1: 5: sle3	-78.28	73.76	0.03	5.53	Verificato
Beam 45: End 1: 6: sle4	-69.87	66.17	0.02	3.27	Verificato
Beam 45: End 1: 7: X	-58.93	55.72	0.11	3.30	Verificato
Beam 45: End 1: 8: Y	-63.75	60.52	0.02	3.42	Verificato
Beam 45: End 2: 1: sle	-70.52	64.36	0.04	6.50	Verificato
Beam 45: End 2: 3: Sle1	-49.34	45.69	0.02	3.15	Verificato
Beam 45: End 2: 4: sle2	-44.25	39.81	0.04	5.41	Verificato
Beam 45: End 2: 5: sle3	-45.43	40.95	0.03	5.45	Verificato
Beam 45: End 2: 6: sle4	-50.52	46.84	0.02	3.19	Verificato
Beam 45: End 2: 7: X	-39.28	36.10	0.11	3.22	Verificato
Beam 45: End 2: 8: Y	-44.03	40.83	0.02	3.34	Verificato
Beam 46: End 1: 1: sle	-99.76	92.96	0.13	6.21	Verificato
Beam 46: End 1: 3: Sle1	-70.16	65.96	0.07	3.33	Verificato
Beam 46: End 1: 4: sle2	-62.25	57.52	0.10	4.90	Verificato
Beam 46: End 1: 5: sle3	-63.83	59.05	0.09	4.94	Verificato
Beam 46: End 1: 6: sle4	-71.79	67.55	0.07	3.38	Verificato
Beam 46: End 1: 7: X	-55.74	52.25	0.07	3.21	Verificato
Beam 46: End 1: 8: Y	-62.11	58.60	0.02	3.34	Verificato
Beam 46: End 2: 1: sle	-53.99	47.22	0.13	6.13	Verificato
Beam 46: End 2: 3: Sle1	-45.66	41.49	0.07	3.25	Verificato
Beam 46: End 2: 4: sle2	-26.25	21.55	0.10	4.81	Verificato
Beam 46: End 2: 5: sle3	-27.7	22.96	0.09	4.85	Verificato
Beam 46: End 2: 6: sle4	-46.99	42.78	0.07	3.30	Verificato
Beam 46: End 2: 7: X	-34.49	31.03	0.07	3.12	Verificato

Beam 46: End 2: 8: Y	-38.35	34.86	0.02	3.26	Verificato
Beam 47: End 1: 1: sle	-53.84	47.71	0.16	4.45	Verificato
Beam 47: End 1: 3: Sle1	-45.8	41.81	0.10	2.79	Verificato
Beam 47: End 1: 4: sle2	-25.93	21.86	0.12	3.12	Verificato
Beam 47: End 1: 5: sle3	-27.4	23.29	0.12	3.16	Verificato
Beam 47: End 1: 6: sle4	-47.14	43.11	0.11	2.84	Verificato
Beam 47: End 1: 7: X	-34.55	31.43	0.06	2.43	Verificato
Beam 47: End 1: 8: Y	-38.39	35.25	0.13	2.56	Verificato
Beam 47: End 2: 1: sle	-21.6	15.49	0.16	4.37	Verificato
Beam 47: End 2: 3: Sle1	-25.84	21.88	0.10	2.71	Verificato
Beam 47: End 2: 4: sle2	-3.43	-0.61	0.12	3.04	Verificato
Beam 47: End 2: 5: sle3	-3.3	-0.78	0.12	3.08	Verificato
Beam 47: End 2: 6: sle4	-26.22	22.23	0.11	2.75	Verificato
Beam 47: End 2: 7: X	-18.62	15.54	0.06	2.34	Verificato
Beam 47: End 2: 8: Y	-18.37	15.26	0.13	2.48	Verificato
Beam 48: End 1: 1: sle	-33.69	26.89	0.15	3.23	Verificato
Beam 48: End 1: 3: Sle1	-40.99	36.27	0.07	2.78	Verificato
Beam 48: End 1: 4: sle2	-4.71	0.50	0.12	1.55	Verificato
Beam 48: End 1: 5: sle3	-4.5	0.23	0.14	1.59	Verificato
Beam 48: End 1: 6: sle4	-41.67	36.92	0.11	2.84	Verificato
Beam 48: End 1: 7: X	-28.14	24.74	0.02	2.00	Verificato
Beam 48: End 1: 8: Y	-27.88	24.44	0.19	2.18	Verificato
Beam 48: End 2: 1: sle	-7.83	1.06	0.15	3.15	Verificato
Beam 48: End 2: 3: Sle1	-17.9	13.21	0.07	2.70	Verificato
Beam 48: End 2: 4: sle2	-16.69	12.52	0.12	1.47	Verificato
Beam 48: End 2: 5: sle3	-15.9	11.67	0.14	1.51	Verificato
Beam 48: End 2: 6: sle4	-18.69	13.98	0.11	2.75	Verificato
Beam 48: End 2: 7: X	-10.45	7.08	0.02	1.92	Verificato
Beam 48: End 2: 8: Y	-8.52	5.11	0.19	2.09	Verificato
Beam 49: End 1: 1: sle	-40.71	38.71	0.19	2.69	Verificato
Beam 49: End 1: 3: Sle1	-32.29	30.75	0.13	2.41	Verificato
Beam 49: End 1: 4: sle2	-23.45	22.30	0.12	1.29	Verificato
Beam 49: End 1: 5: sle3	-23.24	22.10	0.13	1.29	Verificato
Beam 49: End 1: 6: sle4	-32	30.48	0.15	2.40	Verificato
Beam 49: End 1: 7: X	-18.56	17.69	0.14	1.30	Verificato
Beam 49: End 1: 8: Y	-22.2	21.14	0.18	1.43	Verificato
Beam 49: End 2: 1: sle	-29.77	27.80	0.19	2.61	Verificato
Beam 49: End 2: 3: Sle1	-21.87	20.36	0.13	2.33	Verificato
Beam 49: End 2: 4: sle2	-18.82	17.70	0.12	1.21	Verificato
Beam 49: End 2: 5: sle3	-18.88	17.77	0.13	1.20	Verificato
Beam 49: End 2: 6: sle4	-21.97	20.48	0.15	2.32	Verificato
Beam 49: End 2: 7: X	-14.36	13.52	0.14	1.22	Verificato
Beam 49: End 2: 8: Y	-17.82	16.80	0.18	1.34	Verificato
Beam 50: End 1: 1: sle	-39.89	37.80	0.08	2.51	Verificato
Beam 50: End 1: 3: Sle1	-29.36	27.80	0.06	2.19	Verificato
Beam 50: End 1: 4: sle2	-25.18	23.94	0.03	1.26	Verificato
Beam 50: End 1: 5: sle3	-25.21	23.98	0.05	1.25	Verificato
Beam 50: End 1: 6: sle4	-29.43	27.89	0.08	2.18	Verificato
Beam 50: End 1: 7: X	-19.05	18.14	0.08	1.20	Verificato

Beam 50: End 1: 8: Y	-23.67	22.57	0.10	1.34	Verificato
Beam 50: End 2: 1: sle	-26.57	24.51	0.08	2.42	Verificato
Beam 50: End 2: 3: Sle1	-17.69	16.17	0.06	2.11	Verificato
Beam 50: End 2: 4: sle2	-18.53	17.32	0.03	1.18	Verificato
Beam 50: End 2: 5: sle3	-18.8	17.59	0.05	1.17	Verificato
Beam 50: End 2: 6: sle4	-18.05	16.55	0.08	2.09	Verificato
Beam 50: End 2: 7: X	-13.51	12.63	0.08	1.11	Verificato
Beam 50: End 2: 8: Y	-17.59	16.52	0.10	1.26	Verificato
Beam 51: End 1: 1: sle	-37.29	35.06	0.10	2.27	Verificato
Beam 51: End 1: 3: Sle1	-24.88	23.29	0.06	1.89	Verificato
Beam 51: End 1: 4: sle2	-25.98	24.60	0.08	1.23	Verificato
Beam 51: End 1: 5: sle3	-26.26	24.88	0.09	1.22	Verificato
Beam 51: End 1: 6: sle4	-25.26	23.69	0.05	1.88	Verificato
Beam 51: End 1: 7: X	-18.53	17.56	0.02	1.06	Verificato
Beam 51: End 1: 8: Y	-24.24	23.08	0.05	1.24	Verificato
Beam 51: End 2: 1: sle	-19.88	17.68	0.10	2.19	Verificato
Beam 51: End 2: 3: Sle1	-10.88	9.31	0.06	1.81	Verificato
Beam 51: End 2: 4: sle2	-16.22	14.86	0.08	1.14	Verificato
Beam 51: End 2: 5: sle3	-16.48	15.13	0.09	1.13	Verificato
Beam 51: End 2: 6: sle4	-11.45	9.91	0.05	1.79	Verificato
Beam 51: End 2: 7: X	-10.87	9.92	0.03	0.98	Verificato
Beam 51: End 2: 8: Y	-14.99	13.86	0.05	1.15	Verificato
Beam 52: End 1: 1: sle	-20.02	18.05	0.17	1.55	Verificato
Beam 52: End 1: 3: Sle1	-11.04	9.71	0.11	1.18	Verificato
Beam 52: End 1: 4: sle2	-16.23	14.94	0.12	0.96	Verificato
Beam 52: End 1: 5: sle3	-16.49	15.21	0.14	0.95	Verificato
Beam 52: End 1: 6: sle4	-11.61	10.30	0.11	1.17	Verificato
Beam 52: End 1: 7: X	-10.92	10.06	0.10	0.71	Verificato
Beam 52: End 1: 8: Y	-15.08	14.07	0.15	0.88	Verificato
Beam 52: End 2: 1: sle	-7.69	5.75	0.17	1.47	Verificato
Beam 52: End 2: 3: Sle1	-1.94	0.64	0.11	1.10	Verificato
Beam 52: End 2: 4: sle2	-8.72	7.46	0.12	0.88	Verificato
Beam 52: End 2: 5: sle3	-8.47	7.22	0.14	0.86	Verificato
Beam 52: End 2: 6: sle4	-1.81	0.53	0.11	1.08	Verificato
Beam 52: End 2: 7: X	-4.65	3.82	0.10	0.62	Verificato
Beam 52: End 2: 8: Y	-6.74	5.77	0.15	0.80	Verificato
Beam 53: End 1: 1: sle	-12.41	10.27	0.12	1.05	Verificato
Beam 53: End 1: 3: Sle1	-3.82	2.47	0.07	0.60	Verificato
Beam 53: End 1: 4: sle2	-13.31	11.82	0.08	0.86	Verificato
Beam 53: End 1: 5: sle3	-12.96	11.47	0.10	0.85	Verificato
Beam 53: End 1: 6: sle4	-2.79	1.47	0.10	0.59	Verificato
Beam 53: End 1: 7: X	-6.54	5.60	0.13	0.44	Verificato
Beam 53: End 1: 8: Y	-9.96	8.88	0.17	0.66	Verificato
Beam 53: End 2: 1: sle	-5.37	3.26	0.12	0.97	Verificato
Beam 53: End 2: 3: Sle1	-5.31	4.00	0.07	0.52	Verificato
Beam 53: End 2: 4: sle2	-7.35	5.89	0.08	0.78	Verificato
Beam 53: End 2: 5: sle3	-7.44	5.98	0.10	0.76	Verificato
Beam 53: End 2: 6: sle4	-4.96	3.67	0.10	0.51	Verificato
Beam 53: End 2: 7: X	-1.04	0.13	0.13	0.36	Verificato

Beam 53: End 2: 8: Y	-3.03	1.99	0.17	0.58	Verificato
Beam 54: End 1: 1: sle	-13.56	5.23	0.25	0.07	Verificato
Beam 54: End 1: 3: Sle1	-10.04	3.65	0.09	2.49	Verificato
Beam 54: End 1: 4: sle2	-7.77	3.29	0.22	2.29	Verificato
Beam 54: End 1: 5: sle3	-8.48	4.01	0.31	2.37	Verificato
Beam 54: End 1: 6: sle4	-8.67	2.33	0.05	2.43	Verificato
Beam 54: End 1: 7: X	-5.94	1.78	0.23	0.88	Verificato
Beam 54: End 1: 8: Y	-3.4	0.23	0.03	0.93	Verificato
Beam 54: End 2: 1: sle	-10.21	1.85	0.25	0.15	Verificato
Beam 54: End 2: 3: Sle1	-33.64	27.22	0.09	2.57	Verificato
Beam 54: End 2: 4: sle2	-37.77	33.25	0.22	2.20	Verificato
Beam 54: End 2: 5: sle3	-39.29	34.79	0.31	2.29	Verificato
Beam 54: End 2: 6: sle4	-33.57	27.19	0.05	2.51	Verificato
Beam 54: End 2: 7: X	-14.94	10.75	0.22	0.96	Verificato
Beam 54: End 2: 8: Y	-16.53	13.33	0.03	0.85	Verificato
Beam 55: End 1: 1: sle	-7.38	1.25	0.21	2.57	Verificato
Beam 55: End 1: 3: Sle1	-13.67	9.41	0.11	2.26	Verificato
Beam 55: End 1: 4: sle2	-16.93	13.18	0.14	1.12	Verificato
Beam 55: End 1: 5: sle3	-17.49	13.75	0.18	1.08	Verificato
Beam 55: End 1: 6: sle4	-13.79	9.55	0.12	2.23	Verificato
Beam 55: End 1: 7: X	-7.19	4.09	0.16	1.62	Verificato
Beam 55: End 1: 8: Y	-7.39	5.10	0.11	0.54	Verificato
Beam 55: End 2: 1: sle	-25.18	19.01	0.21	2.65	Verificato
Beam 55: End 2: 3: Sle1	-34.63	30.33	0.11	2.35	Verificato
Beam 55: End 2: 4: sle2	-7.24	3.46	0.14	1.21	Verificato
Beam 55: End 2: 5: sle3	-8.2	4.43	0.18	1.16	Verificato
Beam 55: End 2: 6: sle4	-34.11	29.85	0.12	2.32	Verificato
Beam 55: End 2: 7: X	-24.46	21.33	0.16	1.71	Verificato
Beam 55: End 2: 8: Y	-4.08	1.76	0.11	0.62	Verificato
Beam 56: End 1: 1: sle	-16.06	10.42	0.15	4.06	Verificato
Beam 56: End 1: 3: Sle1	-22.15	18.52	0.09	2.40	Verificato
Beam 56: End 1: 4: sle2	-5.77	2.03	0.10	2.92	Verificato
Beam 56: End 1: 5: sle3	-6.38	2.64	0.13	2.89	Verificato
Beam 56: End 1: 6: sle4	-21.88	18.28	0.09	2.38	Verificato
Beam 56: End 1: 7: X	-16.7	13.82	0.10	2.17	Verificato
Beam 56: End 1: 8: Y	-3.35	1.27	0.05	1.33	Verificato
Beam 56: End 2: 1: sle	-47.47	41.80	0.15	4.14	Verificato
Beam 56: End 2: 3: Sle1	-40.93	37.27	0.09	2.49	Verificato
Beam 56: End 2: 4: sle2	-22.2	18.43	0.10	3.00	Verificato
Beam 56: End 2: 5: sle3	-22.38	18.62	0.13	2.97	Verificato
Beam 56: End 2: 6: sle4	-40.58	36.95	0.09	2.46	Verificato
Beam 56: End 2: 7: X	-33.96	31.05	0.10	2.25	Verificato
Beam 56: End 2: 8: Y	-13.81	11.70	0.05	1.42	Verificato
Beam 57: End 1: 1: sle	-46.57	40.21	0.12	6.03	Verificato
Beam 57: End 1: 3: Sle1	-40.57	36.72	0.07	3.01	Verificato
Beam 57: End 1: 4: sle2	-21.41	16.94	0.09	4.91	Verificato
Beam 57: End 1: 5: sle3	-21.86	17.40	0.11	4.88	Verificato
Beam 57: End 1: 6: sle4	-40.29	36.47	0.08	2.99	Verificato
Beam 57: End 1: 7: X	-34.07	30.78	0.07	3.04	Verificato

Beam 57: End 1: 8: Y	-14.04	11.71	0.00	2.24	Verificato
Beam 57: End 2: 1: sle	-91.61	85.22	0.12	6.12	Verificato
Beam 57: End 2: 3: Sle1	-63.36	59.48	0.07	3.09	Verificato
Beam 57: End 2: 4: sle2	-57.97	53.47	0.09	4.99	Verificato
Beam 57: End 2: 5: sle3	-58.48	53.98	0.11	4.96	Verificato
Beam 57: End 2: 6: sle4	-63.04	59.19	0.08	3.07	Verificato
Beam 57: End 2: 7: X	-57.05	53.73	0.07	3.12	Verificato
Beam 57: End 2: 8: Y	-30.27	27.91	0.00	2.32	Verificato
Beam 58: End 1: 1: sle	-64.27	58.38	0.06	6.64	Verificato
Beam 58: End 1: 3: Sle1	-44.65	41.27	0.03	3.00	Verificato
Beam 58: End 1: 4: sle2	-40.47	36.15	0.05	5.71	Verificato
Beam 58: End 1: 5: sle3	-41.21	36.89	0.06	5.69	Verificato
Beam 58: End 1: 6: sle4	-44.48	41.12	0.04	2.99	Verificato
Beam 58: End 1: 7: X	-40.89	37.82	0.00	3.24	Verificato
Beam 58: End 1: 8: Y	-21.95	19.80	0.04	2.61	Verificato
Beam 58: End 2: 1: sle	-104.75	98.83	0.06	6.73	Verificato
Beam 58: End 2: 3: Sle1	-63.17	59.75	0.03	3.09	Verificato
Beam 58: End 2: 4: sle2	-75.31	70.96	0.05	5.80	Verificato
Beam 58: End 2: 5: sle3	-75.99	71.65	0.06	5.78	Verificato
Beam 58: End 2: 6: sle4	-62.97	59.57	0.04	3.07	Verificato
Beam 58: End 2: 7: X	-60.34	57.25	0.00	3.33	Verificato
Beam 58: End 2: 8: Y	-36.94	34.76	0.04	2.69	Verificato
Beam 59: End 1: 1: sle	-45.65	43.34	0.21	2.84	Verificato
Beam 59: End 1: 3: Sle1	-35.47	33.72	0.14	2.50	Verificato
Beam 59: End 1: 4: sle2	-26.74	25.39	0.13	1.40	Verificato
Beam 59: End 1: 5: sle3	-45.51	43.21	0.19	2.84	Verificato
Beam 59: End 1: 6: sle4	-45.45	43.16	0.14	2.84	Verificato
Beam 59: End 1: 7: X	-26.41	25.13	0.20	1.57	Verificato
Beam 59: End 1: 8: Y	-22.21	21.13	0.12	1.42	Verificato
Beam 59: End 2: 1: sle	-34.82	32.54	0.21	2.75	Verificato
Beam 59: End 2: 3: Sle1	-25.17	23.45	0.14	2.42	Verificato
Beam 59: End 2: 4: sle2	-22.01	20.70	0.13	1.32	Verificato
Beam 59: End 2: 5: sle3	-34.39	32.12	0.19	2.76	Verificato
Beam 59: End 2: 6: sle4	-33.55	31.28	0.14	2.75	Verificato
Beam 59: End 2: 7: X	-21.89	20.63	0.20	1.49	Verificato
Beam 59: End 2: 8: Y	-17.08	16.03	0.12	1.34	Verificato
Beam 60: End 1: 1: sle	-46.44	43.97	0.08	2.72	Verificato
Beam 60: End 1: 3: Sle1	-33.6	31.77	0.06	2.33	Verificato
Beam 60: End 1: 4: sle2	-29.39	27.91	0.05	1.40	Verificato
Beam 60: End 1: 5: sle3	-45.95	43.50	0.07	2.73	Verificato
Beam 60: End 1: 6: sle4	-44.95	42.49	0.07	2.72	Verificato
Beam 60: End 1: 7: X	-29.27	27.91	0.07	1.53	Verificato
Beam 60: End 1: 8: Y	-22.83	21.68	0.05	1.35	Verificato
Beam 60: End 2: 1: sle	-29.27	26.84	0.08	2.64	Verificato
Beam 60: End 2: 3: Sle1	-19.12	17.33	0.06	2.25	Verificato
Beam 60: End 2: 4: sle2	-20.55	19.11	0.05	1.31	Verificato
Beam 60: End 2: 5: sle3	-29.03	26.60	0.07	2.64	Verificato
Beam 60: End 2: 6: sle4	-28.03	25.60	0.07	2.63	Verificato
Beam 60: End 2: 7: X	-19.39	18.06	0.07	1.45	Verificato

Beam 60: End 2: 8: Y	-15.8	14.68	0.05	1.27	Verificato
Beam 61: End 1: 1: sle	-41.14	38.45	0.02	2.53	Verificato
Beam 61: End 1: 3: Sle1	-26.85	24.93	0.02	2.06	Verificato
Beam 61: End 1: 4: sle2	-28.97	27.31	0.01	1.40	Verificato
Beam 61: End 1: 5: sle3	-40.88	38.20	0.01	2.54	Verificato
Beam 61: End 1: 6: sle4	-39.66	36.99	0.03	2.53	Verificato
Beam 61: End 1: 7: X	-27.36	25.90	0.04	1.47	Verificato
Beam 61: End 1: 8: Y	-21.99	20.75	0.03	1.26	Verificato
Beam 61: End 2: 1: sle	-23.1	20.44	0.03	2.45	Verificato
Beam 61: End 2: 3: Sle1	-12.22	10.33	0.02	1.98	Verificato
Beam 61: End 2: 4: sle2	-19.12	17.48	0.01	1.32	Verificato
Beam 61: End 2: 5: sle3	-22.97	20.33	0.01	2.46	Verificato
Beam 61: End 2: 6: sle4	-21.6	18.96	0.03	2.45	Verificato
Beam 61: End 2: 7: X	-16.58	15.15	0.04	1.39	Verificato
Beam 61: End 2: 8: Y	-13.79	12.59	0.03	1.17	Verificato
Beam 62: End 1: 1: sle	-23.02	20.61	0.05	1.77	Verificato
Beam 62: End 1: 3: Sle1	-12.14	10.51	0.03	1.31	Verificato
Beam 62: End 1: 4: sle2	-19.11	17.55	0.02	1.13	Verificato
Beam 62: End 1: 5: sle3	-23	20.60	0.05	1.78	Verificato
Beam 62: End 1: 6: sle4	-21.6	19.21	0.02	1.77	Verificato
Beam 62: End 1: 7: X	-16.71	15.42	0.02	1.11	Verificato
Beam 62: End 1: 8: Y	-13.9	12.80	0.00	0.89	Verificato
Beam 62: End 2: 1: sle	-11.46	9.09	0.05	1.69	Verificato
Beam 62: End 2: 3: Sle1	-3.65	2.05	0.03	1.22	Verificato
Beam 62: End 2: 4: sle2	-11.8	10.27	0.02	1.04	Verificato
Beam 62: End 2: 5: sle3	-11.47	9.11	0.05	1.70	Verificato
Beam 62: End 2: 6: sle4	-9.7	7.34	0.02	1.69	Verificato
Beam 62: End 2: 7: X	-8.84	7.58	0.02	1.03	Verificato
Beam 62: End 2: 8: Y	-7.93	6.86	0.00	0.81	Verificato
Beam 63: End 1: 1: sle	-16.46	13.82	0.07	1.22	Verificato
Beam 63: End 1: 3: Sle1	-4.73	3.06	0.08	0.64	Verificato
Beam 63: End 1: 4: sle2	-17.58	15.76	0.01	1.05	Verificato
Beam 63: End 1: 5: sle3	-16.56	13.94	0.08	1.23	Verificato
Beam 63: End 1: 6: sle4	-14.31	11.69	0.06	1.22	Verificato
Beam 63: End 1: 7: X	-13.03	11.65	0.06	0.92	Verificato
Beam 63: End 1: 8: Y	-11.17	9.98	0.07	0.63	Verificato
Beam 63: End 2: 1: sle	-7.11	4.50	0.07	1.14	Verificato
Beam 63: End 2: 3: Sle1	-8.8	7.15	0.08	0.56	Verificato
Beam 63: End 2: 4: sle2	-8.43	6.64	0.01	0.97	Verificato
Beam 63: End 2: 5: sle3	-7.26	4.66	0.08	1.15	Verificato
Beam 63: End 2: 6: sle4	-4.8	2.22	0.06	1.14	Verificato
Beam 63: End 2: 7: X	-4.3	2.95	0.06	0.83	Verificato
Beam 63: End 2: 8: Y	-4.89	3.73	0.07	0.55	Verificato
Beam 64: End 1: 1: sle	-107.54	106.82	0.25	6.77	Verificato
Beam 64: End 1: 3: Sle1	-84.59	80.34	0.15	5.86	Verificato
Beam 64: End 1: 4: sle2	-64.41	61.12	0.18	3.13	Verificato
Beam 64: End 1: 5: sle3	-65.49	62.17	0.21	3.17	Verificato
Beam 64: End 1: 6: sle4	-85.42	81.14	0.19	5.89	Verificato
Beam 64: End 1: 7: X	-44.1	41.91	0.20	2.93	Verificato

Beam 64: End 1: 8: Y	-62.3	59.28	0.29	3.46	Verificato
Beam 64: End 2: 1: sle	-81.69	76.00	0.25	6.69	Verificato
Beam 64: End 2: 3: Sle1	-57.38	53.16	0.15	5.77	Verificato
Beam 64: End 2: 4: sle2	-50.89	47.64	0.18	3.05	Verificato
Beam 64: End 2: 5: sle3	-52.03	48.74	0.21	3.09	Verificato
Beam 64: End 2: 6: sle4	-58.38	54.13	0.19	5.81	Verificato
Beam 64: End 2: 7: X	-32	29.84	0.20	2.84	Verificato
Beam 64: End 2: 8: Y	-47.86	44.86	0.29	3.38	Verificato
Beam 65: End 1: 1: sle	-109.69	103.54	0.03	6.52	Verificato
Beam 65: End 1: 3: Sle1	-76.9	72.46	0.03	5.45	Verificato
Beam 65: End 1: 4: sle2	-68.49	64.84	0.00	3.19	Verificato
Beam 65: End 1: 5: sle3	-69.99	66.30	0.01	3.23	Verificato
Beam 65: End 1: 6: sle4	-78.2	73.73	0.03	5.49	Verificato
Beam 65: End 1: 7: X	-42.76	40.39	0.03	2.74	Verificato
Beam 65: End 1: 8: Y	-64.16	60.94	0.04	3.39	Verificato
Beam 65: End 2: 1: sle	-70.94	64.82	0.03	6.44	Verificato
Beam 65: End 2: 3: Sle1	-44.38	39.97	0.03	5.37	Verificato
Beam 65: End 2: 4: sle2	-49.83	46.21	0.00	3.11	Verificato
Beam 65: End 2: 5: sle3	-51.23	47.58	0.01	3.15	Verificato
Beam 65: End 2: 6: sle4	-45.58	41.13	0.03	5.41	Verificato
Beam 65: End 2: 7: X	-27.33	24.99	0.03	2.66	Verificato
Beam 65: End 2: 8: Y	-45.06	41.87	0.04	3.31	Verificato
Beam 66: End 1: 1: sle	-100.27	93.53	0.13	6.14	Verificato
Beam 66: End 1: 3: Sle1	-62.38	57.70	0.10	4.85	Verificato
Beam 66: End 1: 4: sle2	-70.8	66.63	0.07	3.28	Verificato
Beam 66: End 1: 5: sle3	-72.72	68.52	0.08	3.34	Verificato
Beam 66: End 1: 6: sle4	-64	59.27	0.09	4.89	Verificato
Beam 66: End 1: 7: X	-38.18	35.56	0.03	2.49	Verificato
Beam 66: End 1: 8: Y	-63.47	59.98	0.04	3.31	Verificato
Beam 66: End 2: 1: sle	-55.06	48.35	0.13	6.05	Verificato
Beam 66: End 2: 3: Sle1	-26.76	22.10	0.10	4.77	Verificato
Beam 66: End 2: 4: sle2	-46.65	42.51	0.07	3.20	Verificato
Beam 66: End 2: 5: sle3	-48.11	43.94	0.08	3.25	Verificato
Beam 66: End 2: 6: sle4	-28.27	23.57	0.09	4.81	Verificato
Beam 66: End 2: 7: X	-20.4	17.81	0.03	2.40	Verificato
Beam 66: End 2: 8: Y	-39.66	36.19	0.04	3.23	Verificato
Beam 67: End 1: 1: sle	-54.95	48.88	0.15	4.38	Verificato
Beam 67: End 1: 3: Sle1	-26.46	22.44	0.11	3.08	Verificato
Beam 67: End 1: 4: sle2	-46.83	42.87	0.09	2.74	Verificato
Beam 67: End 1: 5: sle3	-48.3	44.31	0.11	2.79	Verificato
Beam 67: End 1: 6: sle4	-27.99	23.92	0.12	3.12	Verificato
Beam 67: End 1: 7: X	-20.42	18.03	0.08	1.67	Verificato
Beam 67: End 1: 8: Y	-39.72	36.60	0.13	2.53	Verificato
Beam 67: End 2: 1: sle	-22.45	16.41	0.15	4.29	Verificato
Beam 67: End 2: 3: Sle1	-3.71	-0.28	0.11	2.99	Verificato
Beam 67: End 2: 4: sle2	-26.65	22.72	0.09	2.66	Verificato
Beam 67: End 2: 5: sle3	-27.13	23.17	0.11	2.71	Verificato
Beam 67: End 2: 6: sle4	-4.3	0.27	0.12	3.03	Verificato
Beam 67: End 2: 7: X	-7.54	5.18	0.08	1.59	Verificato

Beam 67: End 2: 8: Y	-19.95	16.86	0.13	2.45	Verificato
Beam 68: End 1: 1: sle	-35.65	28.93	0.14	3.14	Verificato
Beam 68: End 1: 3: Sle1	-5.5	1.35	0.11	1.50	Verificato
Beam 68: End 1: 4: sle2	-42.75	38.08	0.07	2.72	Verificato
Beam 68: End 1: 5: sle3	-43.6	38.90	0.10	2.78	Verificato
Beam 68: End 1: 6: sle4	-5.84	1.64	0.14	1.54	Verificato
Beam 68: End 1: 7: X	-10.86	8.18	0.14	1.02	Verificato
Beam 68: End 1: 8: Y	-30.32	26.90	0.19	2.14	Verificato
Beam 68: End 2: 1: sle	-10.45	3.76	0.14	3.06	Verificato
Beam 68: End 2: 3: Sle1	-14.57	10.45	0.11	1.41	Verificato
Beam 68: End 2: 4: sle2	-20.19	15.55	0.07	2.63	Verificato
Beam 68: End 2: 5: sle3	-20.99	16.32	0.10	2.70	Verificato
Beam 68: End 2: 6: sle4	-13.82	9.65	0.14	1.46	Verificato
Beam 68: End 2: 7: X	-3.65	1.00	0.14	0.94	Verificato
Beam 68: End 2: 8: Y	-10.68	7.30	0.19	2.06	Verificato
Beam 69: End 1: 1: sle	-9.1	5.96	0.04	0.01	Verificato
Beam 69: End 1: 3: Sle1	-6.04	3.85	0.02	0.65	Verificato
Beam 69: End 1: 4: sle2	-6.41	4.46	0.08	0.62	Verificato
Beam 69: End 1: 5: sle3	-5.32	3.37	0.00	0.61	Verificato
Beam 69: End 1: 6: sle4	-6.62	4.41	0.02	0.66	Verificato
Beam 69: End 1: 7: X	-5.95	4.47	0.29	0.19	Verificato
Beam 69: End 1: 8: Y	-4.62	3.24	0.15	0.18	Verificato
Beam 69: End 2: 1: sle	-9.01	5.84	0.04	0.08	Verificato
Beam 69: End 2: 3: Sle1	-15.62	13.41	0.02	0.73	Verificato
Beam 69: End 2: 4: sle2	-5.79	3.81	0.08	0.54	Verificato
Beam 69: End 2: 5: sle3	-5.79	3.81	0.00	0.53	Verificato
Beam 69: End 2: 6: sle4	-16.33	14.10	0.02	0.74	Verificato
Beam 69: End 2: 7: X	-10.06	8.54	0.29	0.27	Verificato
Beam 69: End 2: 8: Y	-3.87	2.46	0.15	0.10	Verificato
Beam 70: End 1: 1: sle	-5.89	3.65	0.06	0.78	Verificato
Beam 70: End 1: 3: Sle1	-7.6	6.14	0.03	0.68	Verificato
Beam 70: End 1: 4: sle2	-1.63	0.13	0.04	0.38	Verificato
Beam 70: End 1: 5: sle3	-1.47	-0.03	0.06	0.38	Verificato
Beam 70: End 1: 6: sle4	-7.36	5.88	0.05	0.69	Verificato
Beam 70: End 1: 7: X	-6.02	4.93	0.14	0.48	Verificato
Beam 70: End 1: 8: Y	-3.31	2.34	0.07	0.26	Verificato
Beam 70: End 2: 1: sle	-14.19	11.91	0.06	0.86	Verificato
Beam 70: End 2: 3: Sle1	-14.5	13.01	0.03	0.76	Verificato
Beam 70: End 2: 4: sle2	-4.9	3.37	0.04	0.46	Verificato
Beam 70: End 2: 5: sle3	-5.24	3.71	0.06	0.46	Verificato
Beam 70: End 2: 6: sle4	-14.55	13.04	0.05	0.77	Verificato
Beam 70: End 2: 7: X	-12.85	11.73	0.14	0.56	Verificato
Beam 70: End 2: 8: Y	-7.1	6.09	0.07	0.34	Verificato
Beam 71: End 1: 1: sle	-11.35	9.31	0.09	1.27	Verificato
Beam 71: End 1: 3: Sle1	-10.42	9.15	0.06	0.78	Verificato
Beam 71: End 1: 4: sle2	-4.93	3.49	0.05	0.95	Verificato
Beam 71: End 1: 5: sle3	-5.2	3.76	0.08	0.95	Verificato
Beam 71: End 1: 6: sle4	-10.44	9.16	0.07	0.79	Verificato
Beam 71: End 1: 7: X	-9.91	8.90	0.09	0.70	Verificato

Beam 71: End 1: 8: Y	-5.97	5.09	0.03	0.53	Verificato
Beam 71: End 2: 1: sle	-22.1	20.03	0.09	1.36	Verificato
Beam 71: End 2: 3: Sle1	-17.27	15.98	0.06	0.87	Verificato
Beam 71: End 2: 4: sle2	-12.72	11.25	0.05	1.03	Verificato
Beam 71: End 2: 5: sle3	-13.58	12.11	0.08	1.03	Verificato
Beam 71: End 2: 6: sle4	-17.44	16.13	0.07	0.87	Verificato
Beam 71: End 2: 7: X	-16.59	15.55	0.09	0.78	Verificato
Beam 71: End 2: 8: Y	-10.55	9.64	0.03	0.61	Verificato
Beam 72: End 1: 1: sle	-24.01	21.72	0.05	1.95	Verificato
Beam 72: End 1: 3: Sle1	-18.09	16.73	0.05	1.04	Verificato
Beam 72: End 1: 4: sle2	-14.37	12.68	0.03	1.61	Verificato
Beam 72: End 1: 5: sle3	-15.25	13.56	0.05	1.61	Verificato
Beam 72: End 1: 6: sle4	-18.28	16.90	0.05	1.04	Verificato
Beam 72: End 1: 7: X	-17.49	16.33	0.04	1.03	Verificato
Beam 72: End 1: 8: Y	-11.52	10.53	0.01	0.87	Verificato
Beam 72: End 2: 1: sle	-38.97	36.65	0.05	2.03	Verificato
Beam 72: End 2: 3: Sle1	-26.53	25.13	0.05	1.12	Verificato
Beam 72: End 2: 4: sle2	-26.51	24.79	0.03	1.69	Verificato
Beam 72: End 2: 5: sle3	-27.79	26.06	0.05	1.70	Verificato
Beam 72: End 2: 6: sle4	-26.84	25.43	0.05	1.13	Verificato
Beam 72: End 2: 7: X	-25.75	24.56	0.04	1.12	Verificato
Beam 72: End 2: 8: Y	-17.77	16.74	0.01	0.95	Verificato
Beam 73: End 1: 1: sle	-29.33	27.20	0.09	2.18	Verificato
Beam 73: End 1: 3: Sle1	-19.51	18.29	0.04	1.07	Verificato
Beam 73: End 1: 4: sle2	-20.26	18.64	0.07	1.90	Verificato
Beam 73: End 1: 5: sle3	-21.33	19.70	0.08	1.90	Verificato
Beam 73: End 1: 6: sle4	-19.76	18.53	0.04	1.08	Verificato
Beam 73: End 1: 7: X	-19.46	18.37	0.10	1.14	Verificato
Beam 73: End 1: 8: Y	-13.58	12.66	0.08	1.01	Verificato
Beam 73: End 2: 1: sle	-41.09	38.93	0.09	2.27	Verificato
Beam 73: End 2: 3: Sle1	-25.46	24.21	0.04	1.16	Verificato
Beam 73: End 2: 4: sle2	-30.68	29.02	0.07	1.99	Verificato
Beam 73: End 2: 5: sle3	-31.56	29.90	0.08	1.99	Verificato
Beam 73: End 2: 6: sle4	-25.71	24.45	0.04	1.16	Verificato
Beam 73: End 2: 7: X	-24.8	23.68	0.10	1.22	Verificato
Beam 73: End 2: 8: Y	-18.58	17.62	0.08	1.09	Verificato
Beam 74: End 1: 1: sle	-0.65	-0.65	1.03	0.29	Verificato
Beam 74: End 1: 3: Sle1	-0.43	-0.43	1.03	0.29	Verificato
Beam 74: End 1: 4: sle2	-0.42	-0.42	0.37	0.10	Verificato
Beam 74: End 1: 5: sle3	-0.58	-0.58	1.03	0.29	Verificato
Beam 74: End 1: 6: sle4	-0.47	-0.47	1.03	0.29	Verificato
Beam 74: End 1: 7: X	-0.64	-0.61	0.49	0.18	Verificato
Beam 74: End 1: 8: Y	-0.39	-0.39	0.50	0.14	Verificato
Beam 74: End 2: 1: sle	-0.65	-0.65	1.05	0.29	Verificato
Beam 74: End 2: 3: Sle1	-0.43	-0.43	1.05	0.29	Verificato
Beam 74: End 2: 4: sle2	-0.42	-0.42	0.37	0.11	Verificato
Beam 74: End 2: 5: sle3	-0.58	-0.58	1.05	0.29	Verificato
Beam 74: End 2: 6: sle4	-0.47	-0.47	1.05	0.29	Verificato
Beam 74: End 2: 7: X	-0.62	-0.62	0.50	0.18	Verificato

Beam 74: End 2: 8: Y	-0.44	-0.44	0.51	0.14	Verificato
Beam 75: End 1: 1: sle	0.84	0.84	1.95	0.54	Verificato
Beam 75: End 1: 3: Sle1	0.56	0.56	1.95	0.55	Verificato
Beam 75: End 1: 4: sle2	0.54	0.54	0.55	0.15	Verificato
Beam 75: End 1: 5: sle3	0.75	0.75	1.95	0.55	Verificato
Beam 75: End 1: 6: sle4	0.6	0.60	1.95	0.55	Verificato
Beam 75: End 1: 7: X	0.78	0.79	0.81	0.31	Verificato
Beam 75: End 1: 8: Y	0.23	0.23	0.83	0.23	Verificato
Beam 75: End 2: 1: sle	0.84	0.84	1.94	0.54	Verificato
Beam 75: End 2: 3: Sle1	0.56	0.56	1.94	0.54	Verificato
Beam 75: End 2: 4: sle2	0.54	0.54	0.55	0.15	Verificato
Beam 75: End 2: 5: sle3	0.75	0.75	1.94	0.54	Verificato
Beam 75: End 2: 6: sle4	0.6	0.60	1.94	0.54	Verificato
Beam 75: End 2: 7: X	0.79	0.79	0.80	0.31	Verificato
Beam 75: End 2: 8: Y	0.13	0.13	0.82	0.23	Verificato
Beam 76: End 1: 1: sle	-0.17	-0.17	2.08	0.58	Verificato
Beam 76: End 1: 3: Sle1	-0.12	-0.12	2.08	0.58	Verificato
Beam 76: End 1: 4: sle2	-0.1	-0.10	0.58	0.16	Verificato
Beam 76: End 1: 5: sle3	-0.15	-0.15	2.08	0.58	Verificato
Beam 76: End 1: 6: sle4	-0.13	-0.13	2.08	0.58	Verificato
Beam 76: End 1: 7: X	-0.1	-0.09	0.86	0.33	Verificato
Beam 76: End 1: 8: Y	0.06	0.06	0.88	0.25	Verificato
Beam 76: End 2: 1: sle	-0.17	-0.17	2.07	0.58	Verificato
Beam 76: End 2: 3: Sle1	-0.12	-0.12	2.07	0.58	Verificato
Beam 76: End 2: 4: sle2	-0.11	-0.11	0.58	0.16	Verificato
Beam 76: End 2: 5: sle3	-0.15	-0.15	2.07	0.58	Verificato
Beam 76: End 2: 6: sle4	-0.13	-0.13	2.07	0.58	Verificato
Beam 76: End 2: 7: X	-0.09	-0.09	0.86	0.33	Verificato
Beam 76: End 2: 8: Y	-0.05	-0.05	0.88	0.25	Verificato
Beam 77: End 1: 1: sle	-0.16	-0.16	2.21	0.61	Verificato
Beam 77: End 1: 3: Sle1	-0.11	-0.11	2.21	0.62	Verificato
Beam 77: End 1: 4: sle2	-0.09	-0.08	0.62	0.17	Verificato
Beam 77: End 1: 5: sle3	-0.14	-0.14	2.21	0.61	Verificato
Beam 77: End 1: 6: sle4	-0.11	-0.11	2.21	0.61	Verificato
Beam 77: End 1: 7: X	-0.05	-0.04	0.91	0.35	Verificato
Beam 77: End 1: 8: Y	0.05	0.05	0.94	0.26	Verificato
Beam 77: End 2: 1: sle	-0.16	-0.16	2.20	0.61	Verificato
Beam 77: End 2: 3: Sle1	-0.11	-0.11	2.20	0.62	Verificato
Beam 77: End 2: 4: sle2	-0.09	-0.09	0.62	0.17	Verificato
Beam 77: End 2: 5: sle3	-0.15	-0.15	2.20	0.61	Verificato
Beam 77: End 2: 6: sle4	-0.11	-0.11	2.20	0.61	Verificato
Beam 77: End 2: 7: X	-0.05	-0.05	0.91	0.35	Verificato
Beam 77: End 2: 8: Y	-0.07	-0.07	0.93	0.26	Verificato
Beam 78: End 1: 1: sle	-0.03	-0.03	2.33	0.65	Verificato
Beam 78: End 1: 3: Sle1	-0.08	-0.08	2.33	0.65	Verificato
Beam 78: End 1: 4: sle2	0.07	0.07	0.66	0.18	Verificato
Beam 78: End 1: 5: sle3	-0.03	-0.03	2.33	0.65	Verificato
Beam 78: End 1: 6: sle4	-0.06	-0.06	2.33	0.65	Verificato
Beam 78: End 1: 7: X	0.06	0.07	0.97	0.37	Verificato

Beam 78: End 1: 8: Y	0.12	0.12	0.99	0.28	Verificato
Beam 78: End 2: 1: sle	-0.03	-0.03	2.33	0.65	Verificato
Beam 78: End 2: 3: Sle1	-0.08	-0.08	2.33	0.65	Verificato
Beam 78: End 2: 4: sle2	0.07	0.07	0.65	0.18	Verificato
Beam 78: End 2: 5: sle3	-0.03	-0.03	2.33	0.65	Verificato
Beam 78: End 2: 6: sle4	-0.06	-0.06	2.33	0.65	Verificato
Beam 78: End 2: 7: X	0.07	0.07	0.96	0.37	Verificato
Beam 78: End 2: 8: Y	-0.01	-0.01	0.99	0.28	Verificato
Beam 79: End 1: 1: sle	0.74	0.74	2.46	0.68	Verificato
Beam 79: End 1: 3: Sle1	0.6	0.60	2.46	0.69	Verificato
Beam 79: End 1: 4: sle2	0.29	0.30	0.69	0.19	Verificato
Beam 79: End 1: 5: sle3	0.74	0.74	2.46	0.69	Verificato
Beam 79: End 1: 6: sle4	0.55	0.55	2.46	0.68	Verificato
Beam 79: End 1: 7: X	0.13	0.14	1.02	0.39	Verificato
Beam 79: End 1: 8: Y	0.38	0.38	1.04	0.29	Verificato
Beam 79: End 2: 1: sle	0.74	0.74	2.45	0.68	Verificato
Beam 79: End 2: 3: Sle1	0.6	0.60	2.45	0.69	Verificato
Beam 79: End 2: 4: sle2	0.29	0.29	0.69	0.19	Verificato
Beam 79: End 2: 5: sle3	0.74	0.74	2.45	0.68	Verificato
Beam 79: End 2: 6: sle4	0.55	0.55	2.45	0.68	Verificato
Beam 79: End 2: 7: X	0.13	0.13	1.02	0.39	Verificato
Beam 79: End 2: 8: Y	0.25	0.25	1.04	0.29	Verificato
Beam 80: End 1: 1: sle	-0.6	-0.59	1.52	0.00	Verificato
Beam 80: End 1: 3: Sle1	-0.37	-0.36	1.03	0.00	Verificato
Beam 80: End 1: 4: sle2	-0.37	-0.36	1.03	0.00	Verificato
Beam 80: End 1: 5: sle3	-0.49	-0.49	1.52	0.00	Verificato
Beam 80: End 1: 6: sle4	-0.52	-0.52	1.52	0.00	Verificato
Beam 80: End 1: 7: X	-0.18	-0.15	0.74	0.05	Verificato
Beam 80: End 1: 8: Y	-0.46	-0.46	0.74	0.00	Verificato
Beam 80: End 2: 1: sle	-0.6	-0.60	1.49	0.00	Verificato
Beam 80: End 2: 3: Sle1	-0.37	-0.37	1.01	0.00	Verificato
Beam 80: End 2: 4: sle2	-0.37	-0.37	1.02	0.00	Verificato
Beam 80: End 2: 5: sle3	-0.49	-0.49	1.49	0.00	Verificato
Beam 80: End 2: 6: sle4	-0.52	-0.52	1.49	0.00	Verificato
Beam 80: End 2: 7: X	-0.17	-0.17	0.73	0.05	Verificato
Beam 80: End 2: 8: Y	-0.53	-0.53	0.73	0.00	Verificato
Beam 81: End 1: 1: sle	0.69	0.69	2.47	0.69	Verificato
Beam 81: End 1: 3: Sle1	0.25	0.26	0.69	0.19	Verificato
Beam 81: End 1: 4: sle2	0.56	0.56	2.47	0.69	Verificato
Beam 81: End 1: 5: sle3	0.48	0.48	2.47	0.69	Verificato
Beam 81: End 1: 6: sle4	0.72	0.72	2.47	0.69	Verificato
Beam 81: End 1: 7: X	0.17	0.17	1.07	0.20	Verificato
Beam 81: End 1: 8: Y	0.3	0.31	1.05	0.29	Verificato
Beam 81: End 2: 1: sle	0.69	0.69	2.47	0.69	Verificato
Beam 81: End 2: 3: Sle1	0.25	0.25	0.69	0.19	Verificato
Beam 81: End 2: 4: sle2	0.56	0.56	2.47	0.69	Verificato
Beam 81: End 2: 5: sle3	0.48	0.48	2.47	0.69	Verificato
Beam 81: End 2: 6: sle4	0.72	0.72	2.47	0.69	Verificato
Beam 81: End 2: 7: X	0.17	0.17	1.08	0.20	Verificato

Beam 81: End 2: 8: Y	0.17	0.17	1.05	0.29	Verificato
Beam 82: End 1: 1: sle	-0.04	-0.04	2.33	0.65	Verificato
Beam 82: End 1: 3: Sle1	0.06	0.06	0.66	0.18	Verificato
Beam 82: End 1: 4: sle2	-0.09	-0.09	2.33	0.65	Verificato
Beam 82: End 1: 5: sle3	-0.07	-0.06	2.33	0.65	Verificato
Beam 82: End 1: 6: sle4	-0.05	-0.05	2.33	0.65	Verificato
Beam 82: End 1: 7: X	-0.01	-0.01	1.02	0.19	Verificato
Beam 82: End 1: 8: Y	0.11	0.11	0.99	0.28	Verificato
Beam 82: End 2: 1: sle	-0.05	-0.05	2.33	0.65	Verificato
Beam 82: End 2: 3: Sle1	0.06	0.06	0.65	0.18	Verificato
Beam 82: End 2: 4: sle2	-0.09	-0.09	2.33	0.65	Verificato
Beam 82: End 2: 5: sle3	-0.07	-0.07	2.33	0.65	Verificato
Beam 82: End 2: 6: sle4	-0.05	-0.05	2.33	0.65	Verificato
Beam 82: End 2: 7: X	-0.01	-0.01	1.02	0.19	Verificato
Beam 82: End 2: 8: Y	-0.01	-0.01	0.99	0.28	Verificato
Beam 83: End 1: 1: sle	-0.16	-0.15	2.21	0.61	Verificato
Beam 83: End 1: 3: Sle1	-0.08	-0.08	0.62	0.17	Verificato
Beam 83: End 1: 4: sle2	-0.11	-0.11	2.21	0.62	Verificato
Beam 83: End 1: 5: sle3	-0.11	-0.11	2.21	0.61	Verificato
Beam 83: End 1: 6: sle4	-0.14	-0.14	2.21	0.61	Verificato
Beam 83: End 1: 7: X	-0.05	-0.04	0.96	0.18	Verificato
Beam 83: End 1: 8: Y	0.05	0.05	0.94	0.26	Verificato
Beam 83: End 2: 1: sle	-0.16	-0.16	2.20	0.61	Verificato
Beam 83: End 2: 3: Sle1	-0.08	-0.08	0.62	0.17	Verificato
Beam 83: End 2: 4: sle2	-0.11	-0.11	2.20	0.62	Verificato
Beam 83: End 2: 5: sle3	-0.11	-0.11	2.20	0.61	Verificato
Beam 83: End 2: 6: sle4	-0.14	-0.14	2.20	0.61	Verificato
Beam 83: End 2: 7: X	-0.05	-0.05	0.96	0.18	Verificato
Beam 83: End 2: 8: Y	-0.07	-0.07	0.93	0.26	Verificato
Beam 84: End 1: 1: sle	-0.17	-0.17	2.08	0.58	Verificato
Beam 84: End 1: 3: Sle1	-0.1	-0.10	0.58	0.16	Verificato
Beam 84: End 1: 4: sle2	-0.12	-0.12	2.08	0.58	Verificato
Beam 84: End 1: 5: sle3	-0.13	-0.12	2.08	0.58	Verificato
Beam 84: End 1: 6: sle4	-0.15	-0.15	2.08	0.58	Verificato
Beam 84: End 1: 7: X	-0.06	-0.04	0.90	0.17	Verificato
Beam 84: End 1: 8: Y	0.06	0.06	0.88	0.25	Verificato
Beam 84: End 2: 1: sle	-0.17	-0.17	2.07	0.58	Verificato
Beam 84: End 2: 3: Sle1	-0.11	-0.11	0.58	0.16	Verificato
Beam 84: End 2: 4: sle2	-0.12	-0.12	2.07	0.58	Verificato
Beam 84: End 2: 5: sle3	-0.13	-0.13	2.07	0.58	Verificato
Beam 84: End 2: 6: sle4	-0.15	-0.15	2.07	0.58	Verificato
Beam 84: End 2: 7: X	-0.05	-0.05	0.90	0.17	Verificato
Beam 84: End 2: 8: Y	-0.06	-0.06	0.88	0.25	Verificato
Beam 85: End 1: 1: sle	0.84	0.84	1.95	0.54	Verificato
Beam 85: End 1: 3: Sle1	0.54	0.54	0.55	0.15	Verificato
Beam 85: End 1: 4: sle2	0.56	0.56	1.95	0.55	Verificato
Beam 85: End 1: 5: sle3	0.6	0.60	1.95	0.55	Verificato
Beam 85: End 1: 6: sle4	0.75	0.75	1.95	0.55	Verificato
Beam 85: End 1: 7: X	-0.04	-0.03	0.85	0.16	Verificato

Beam 85: End 1: 8: Y	0.24	0.24	0.83	0.23	Verificato
Beam 85: End 2: 1: sle	0.84	0.84	1.94	0.54	Verificato
Beam 85: End 2: 3: Sle1	0.54	0.54	0.55	0.15	Verificato
Beam 85: End 2: 4: sle2	0.56	0.56	1.94	0.54	Verificato
Beam 85: End 2: 5: sle3	0.6	0.60	1.94	0.54	Verificato
Beam 85: End 2: 6: sle4	0.75	0.75	1.94	0.54	Verificato
Beam 85: End 2: 7: X	-0.03	-0.03	0.85	0.16	Verificato
Beam 85: End 2: 8: Y	0.13	0.13	0.82	0.23	Verificato
Beam 86: End 1: 1: sle	-0.61	-0.61	1.03	0.29	Verificato
Beam 86: End 1: 3: Sle1	-0.39	-0.39	0.37	0.10	Verificato
Beam 86: End 1: 4: sle2	-0.4	-0.40	1.03	0.29	Verificato
Beam 86: End 1: 5: sle3	-0.45	-0.45	1.03	0.29	Verificato
Beam 86: End 1: 6: sle4	-0.53	-0.53	1.03	0.29	Verificato
Beam 86: End 1: 7: X	0.06	0.08	0.51	0.11	Verificato
Beam 86: End 1: 8: Y	-0.34	-0.34	0.50	0.14	Verificato
Beam 86: End 2: 1: sle	-0.61	-0.61	1.05	0.29	Verificato
Beam 86: End 2: 3: Sle1	-0.39	-0.39	0.37	0.11	Verificato
Beam 86: End 2: 4: sle2	-0.4	-0.40	1.05	0.29	Verificato
Beam 86: End 2: 5: sle3	-0.45	-0.45	1.05	0.29	Verificato
Beam 86: End 2: 6: sle4	-0.53	-0.53	1.05	0.29	Verificato
Beam 86: End 2: 7: X	0.07	0.07	0.52	0.11	Verificato
Beam 86: End 2: 8: Y	-0.38	-0.38	0.51	0.14	Verificato
Beam 87: End 1: 1: sle	1.09	1.09	0.94	0.31	Verificato
Beam 87: End 1: 3: Sle1	0.71	0.71	0.95	0.30	Verificato
Beam 87: End 1: 4: sle2	0.72	0.72	0.32	0.12	Verificato
Beam 87: End 1: 5: sle3	0.83	0.83	0.32	0.12	Verificato
Beam 87: End 1: 6: sle4	0.91	0.91	0.93	0.30	Verificato
Beam 87: End 1: 7: X	-0.41	-0.41	0.48	0.13	Verificato
Beam 87: End 1: 8: Y	0.47	0.47	0.42	0.12	Verificato
Beam 87: End 2: 1: sle	-44.42	46.60	1.62	0.42	Verificato
Beam 87: End 2: 3: Sle1	-45.26	46.67	1.61	0.42	Verificato
Beam 87: End 2: 4: sle2	-15.51	16.95	0.59	0.14	Verificato
Beam 87: End 2: 5: sle3	-15.45	17.10	0.59	0.14	Verificato
Beam 87: End 2: 6: sle4	-46.48	48.30	1.62	0.43	Verificato
Beam 87: End 2: 7: X	-17.61	16.88	0.78	0.15	Verificato
Beam 87: End 2: 8: Y	-24.97	25.83	0.84	0.17	Verificato
Beam 88: End 1: 1: sle	-46.76	47.30	1.68	0.44	Verificato
Beam 88: End 1: 3: Sle1	-48.94	49.26	1.68	0.45	Verificato
Beam 88: End 1: 4: sle2	-14.84	15.24	0.60	0.15	Verificato
Beam 88: End 1: 5: sle3	-14.74	15.25	0.60	0.15	Verificato
Beam 88: End 1: 6: sle4	-48.27	48.77	1.68	0.45	Verificato
Beam 88: End 1: 7: X	-21.81	21.26	0.83	0.17	Verificato
Beam 88: End 1: 8: Y	-20.42	20.78	0.83	0.17	Verificato
Beam 88: End 2: 1: sle	-7.09	7.64	1.11	0.35	Verificato
Beam 88: End 2: 3: Sle1	-6.53	6.84	1.11	0.34	Verificato
Beam 88: End 2: 4: sle2	-2.99	3.40	0.41	0.14	Verificato
Beam 88: End 2: 5: sle3	-3.05	3.56	0.41	0.14	Verificato
Beam 88: End 2: 6: sle4	-6.64	7.13	1.11	0.35	Verificato
Beam 88: End 2: 7: X	-4.43	3.97	0.55	0.15	Verificato

Beam 88: End 2: 8: Y	-4.44	4.71	0.56	0.16	Verificato
Beam 89: End 1: 1: sle	-1.35	-1.35	1.78	0.54	Verificato
Beam 89: End 1: 3: Sle1	-0.9	-0.90	1.79	0.53	Verificato
Beam 89: End 1: 4: sle2	-0.91	-0.91	0.49	0.16	Verificato
Beam 89: End 1: 5: sle3	-0.96	-0.96	0.49	0.16	Verificato
Beam 89: End 1: 6: sle4	-1.22	-1.22	1.78	0.53	Verificato
Beam 89: End 1: 7: X	-0.16	-0.16	0.78	0.19	Verificato
Beam 89: End 1: 8: Y	-0.26	-0.26	0.74	0.18	Verificato
Beam 89: End 2: 1: sle	-88	85.30	2.96	0.80	Verificato
Beam 89: End 2: 3: Sle1	-88.49	86.69	2.95	0.81	Verificato
Beam 89: End 2: 4: sle2	-24.21	22.38	0.84	0.22	Verificato
Beam 89: End 2: 5: sle3	-24.45	22.52	0.84	0.22	Verificato
Beam 89: End 2: 6: sle4	-90.43	87.99	2.96	0.81	Verificato
Beam 89: End 2: 7: X	-31.44	31.31	1.27	0.25	Verificato
Beam 89: End 2: 8: Y	-37.99	37.28	1.31	0.26	Verificato
Beam 90: End 1: 1: sle	-0.42	-0.42	1.94	0.57	Verificato
Beam 90: End 1: 3: Sle1	-0.27	-0.27	1.94	0.56	Verificato
Beam 90: End 1: 4: sle2	-0.28	-0.28	0.55	0.17	Verificato
Beam 90: End 1: 5: sle3	-0.29	-0.29	0.54	0.17	Verificato
Beam 90: End 1: 6: sle4	-0.37	-0.37	1.92	0.56	Verificato
Beam 90: End 1: 7: X	-0.07	-0.07	0.84	0.19	Verificato
Beam 90: End 1: 8: Y	-0.08	-0.08	0.81	0.19	Verificato
Beam 90: End 2: 1: sle	-89.71	88.87	3.07	0.84	Verificato
Beam 90: End 2: 3: Sle1	-91.46	90.91	3.07	0.85	Verificato
Beam 90: End 2: 4: sle2	-23.34	22.79	0.86	0.23	Verificato
Beam 90: End 2: 5: sle3	-23.71	23.12	0.86	0.23	Verificato
Beam 90: End 2: 6: sle4	-93.33	92.59	3.08	0.85	Verificato
Beam 90: End 2: 7: X	-33.15	33.20	1.32	0.26	Verificato
Beam 90: End 2: 8: Y	-38.12	37.78	1.35	0.28	Verificato
Beam 91: End 1: 1: sle	-0.1	-0.10	2.10	0.60	Verificato
Beam 91: End 1: 3: Sle1	-0.05	-0.05	2.08	0.59	Verificato
Beam 91: End 1: 4: sle2	-0.06	-0.06	0.60	0.18	Verificato
Beam 91: End 1: 5: sle3	-0.06	-0.06	0.60	0.18	Verificato
Beam 91: End 1: 6: sle4	-0.1	-0.10	2.07	0.59	Verificato
Beam 91: End 1: 7: X	-0.07	-0.07	0.91	0.20	Verificato
Beam 91: End 1: 8: Y	0.01	0.01	0.89	0.20	Verificato
Beam 91: End 2: 1: sle	-91.7	91.49	3.17	0.87	Verificato
Beam 91: End 2: 3: Sle1	-95.16	95.06	3.19	0.89	Verificato
Beam 91: End 2: 4: sle2	-22.13	22.01	0.88	0.24	Verificato
Beam 91: End 2: 5: sle3	-22.67	22.56	0.88	0.24	Verificato
Beam 91: End 2: 6: sle4	-97.04	96.85	3.20	0.89	Verificato
Beam 91: End 2: 7: X	-34.42	34.48	1.37	0.27	Verificato
Beam 91: End 2: 8: Y	-38.34	38.15	1.39	0.29	Verificato
Beam 92: End 1: 1: sle	0.04	0.04	2.25	0.63	Verificato
Beam 92: End 1: 3: Sle1	0.02	0.02	2.22	0.63	Verificato
Beam 92: End 1: 4: sle2	0.07	0.07	0.66	0.19	Verificato
Beam 92: End 1: 5: sle3	0.07	0.07	0.65	0.19	Verificato
Beam 92: End 1: 6: sle4	0.05	0.05	2.21	0.63	Verificato
Beam 92: End 1: 7: X	-0.02	-0.02	0.98	0.21	Verificato

Beam 92: End 1: 8: Y	0.07	0.07	0.96	0.21	Verificato
Beam 92: End 2: 1: sle	-94.69	94.77	3.28	0.92	Verificato
Beam 92: End 2: 3: Sle1	-100.08	100.11	3.31	0.93	Verificato
Beam 92: End 2: 4: sle2	-20.95	21.10	0.89	0.25	Verificato
Beam 92: End 2: 5: sle3	-21.7	21.84	0.90	0.25	Verificato
Beam 92: End 2: 6: sle4	-101.82	101.92	3.32	0.93	Verificato
Beam 92: End 2: 7: X	-35.7	35.87	1.42	0.29	Verificato
Beam 92: End 2: 8: Y	-39.01	38.94	1.43	0.30	Verificato
Beam 93: End 1: 1: sle	0.66	0.66	2.41	0.67	Verificato
Beam 93: End 1: 3: Sle1	0.43	0.43	2.36	0.66	Verificato
Beam 93: End 1: 4: sle2	0.33	0.33	0.72	0.20	Verificato
Beam 93: End 1: 5: sle3	0.3	0.30	0.71	0.20	Verificato
Beam 93: End 1: 6: sle4	0.7	0.70	2.35	0.66	Verificato
Beam 93: End 1: 7: X	0.11	0.11	1.04	0.22	Verificato
Beam 93: End 1: 8: Y	0.26	0.26	1.03	0.22	Verificato
Beam 93: End 2: 1: sle	-97.85	99.15	3.40	0.96	Verificato
Beam 93: End 2: 3: Sle1	-105.9	106.75	3.44	0.98	Verificato
Beam 93: End 2: 4: sle2	-19.2	19.87	0.91	0.26	Verificato
Beam 93: End 2: 5: sle3	-20.2	20.80	0.92	0.26	Verificato
Beam 93: End 2: 6: sle4	-107.14	108.52	3.45	0.98	Verificato
Beam 93: End 2: 7: X	-36.92	37.35	1.47	0.30	Verificato
Beam 93: End 2: 8: Y	-39.89	40.19	1.48	0.32	Verificato
Beam 94: End 1: 1: sle	-0.43	-0.43	1.45	0.21	Verificato
Beam 94: End 1: 3: Sle1	-0.28	-0.28	1.00	0.17	Verificato
Beam 94: End 1: 4: sle2	-0.28	-0.28	0.98	0.10	Verificato
Beam 94: End 1: 5: sle3	-0.26	-0.26	0.98	0.12	Verificato
Beam 94: End 1: 6: sle4	-0.31	-0.31	0.99	0.17	Verificato
Beam 94: End 1: 7: X	-0.73	-0.73	0.71	0.09	Verificato
Beam 94: End 1: 8: Y	0.15	0.15	0.70	0.09	Verificato
Beam 94: End 2: 1: sle	-43.91	43.04	2.05	0.15	Verificato
Beam 94: End 2: 3: Sle1	-31.94	31.39	1.41	0.14	Verificato
Beam 94: End 2: 4: sle2	-28.51	27.95	1.40	0.07	Verificato
Beam 94: End 2: 5: sle3	-30.21	29.68	1.40	0.10	Verificato
Beam 94: End 2: 6: sle4	-32.84	32.21	1.41	0.14	Verificato
Beam 94: End 2: 7: X	-24.16	22.82	1.01	0.17	Verificato
Beam 94: End 2: 8: Y	-24.48	24.68	1.02	0.15	Verificato
Beam 95: End 1: 1: sle	-93.35	92.48	3.01	0.82	Verificato
Beam 95: End 1: 3: Sle1	-95.17	94.59	3.02	0.83	Verificato
Beam 95: End 1: 4: sle2	-24.03	23.43	0.84	0.22	Verificato
Beam 95: End 1: 5: sle3	-24.05	23.42	0.84	0.22	Verificato
Beam 95: End 1: 6: sle4	-94.91	94.12	3.01	0.83	Verificato
Beam 95: End 1: 7: X	-36.93	36.70	1.31	0.26	Verificato
Beam 95: End 1: 8: Y	-35.28	35.17	1.29	0.26	Verificato
Beam 95: End 2: 1: sle	-11.47	10.60	1.95	0.59	Verificato
Beam 95: End 2: 3: Sle1	-10.4	9.82	1.94	0.57	Verificato
Beam 95: End 2: 4: sle2	-4.4	3.79	0.56	0.18	Verificato
Beam 95: End 2: 5: sle3	-4.5	3.87	0.56	0.18	Verificato
Beam 95: End 2: 6: sle4	-10.71	9.92	1.94	0.58	Verificato
Beam 95: End 2: 7: X	-5.11	5.07	0.84	0.20	Verificato

Beam 95: End 2: 8: Y	-5.94	5.64	0.85	0.21	Verificato
Beam 96: End 1: 1: sle	-97.11	96.44	3.02	0.83	Verificato
Beam 96: End 1: 3: Sle1	-99.01	98.56	3.03	0.84	Verificato
Beam 96: End 1: 4: sle2	-25.06	24.65	0.84	0.22	Verificato
Beam 96: End 1: 5: sle3	-25.14	24.70	0.84	0.22	Verificato
Beam 96: End 1: 6: sle4	-99	98.38	3.03	0.84	Verificato
Beam 96: End 1: 7: X	-38.87	38.80	1.32	0.26	Verificato
Beam 96: End 1: 8: Y	-36.84	36.71	1.30	0.26	Verificato
Beam 96: End 2: 1: sle	-11.57	10.90	1.94	0.57	Verificato
Beam 96: End 2: 3: Sle1	-10.19	9.74	1.93	0.56	Verificato
Beam 96: End 2: 4: sle2	-4.73	4.31	0.56	0.17	Verificato
Beam 96: End 2: 5: sle3	-4.82	4.37	0.56	0.17	Verificato
Beam 96: End 2: 6: sle4	-10.45	9.84	1.93	0.57	Verificato
Beam 96: End 2: 7: X	-4.83	4.94	0.83	0.19	Verificato
Beam 96: End 2: 8: Y	-5.98	5.66	0.85	0.20	Verificato
Beam 97: End 1: 1: sle	-100.62	100.47	3.03	0.84	Verificato
Beam 97: End 1: 3: Sle1	-102.83	102.73	3.05	0.86	Verificato
Beam 97: End 1: 4: sle2	-25.8	25.74	0.83	0.22	Verificato
Beam 97: End 1: 5: sle3	-25.93	25.87	0.83	0.22	Verificato
Beam 97: End 1: 6: sle4	-103.09	102.94	3.05	0.86	Verificato
Beam 97: End 1: 7: X	-40.67	40.63	1.33	0.27	Verificato
Beam 97: End 1: 8: Y	-38.36	38.35	1.30	0.27	Verificato
Beam 97: End 2: 1: sle	-11.55	11.41	1.93	0.56	Verificato
Beam 97: End 2: 3: Sle1	-9.74	9.64	1.91	0.55	Verificato
Beam 97: End 2: 4: sle2	-5.16	5.11	0.56	0.17	Verificato
Beam 97: End 2: 5: sle3	-5.22	5.17	0.56	0.17	Verificato
Beam 97: End 2: 6: sle4	-9.89	9.74	1.91	0.55	Verificato
Beam 97: End 2: 7: X	-4.63	4.78	0.82	0.19	Verificato
Beam 97: End 2: 8: Y	-5.87	5.67	0.84	0.20	Verificato
Beam 98: End 1: 1: sle	-103.96	104.12	3.04	0.86	Verificato
Beam 98: End 1: 3: Sle1	-106.87	106.94	3.07	0.87	Verificato
Beam 98: End 1: 4: sle2	-26.05	26.20	0.82	0.23	Verificato
Beam 98: End 1: 5: sle3	-26.27	26.41	0.83	0.23	Verificato
Beam 98: End 1: 6: sle4	-107.36	107.51	3.08	0.87	Verificato
Beam 98: End 1: 7: X	-42.07	42.11	1.33	0.27	Verificato
Beam 98: End 1: 8: Y	-39.75	39.84	1.31	0.27	Verificato
Beam 98: End 2: 1: sle	-11.27	11.45	1.92	0.54	Verificato
Beam 98: End 2: 3: Sle1	-9.03	9.12	1.89	0.54	Verificato
Beam 98: End 2: 4: sle2	-5.54	5.70	0.57	0.16	Verificato
Beam 98: End 2: 5: sle3	-5.58	5.73	0.57	0.16	Verificato
Beam 98: End 2: 6: sle4	-9.06	9.22	1.88	0.54	Verificato
Beam 98: End 2: 7: X	-4.38	4.60	0.82	0.18	Verificato
Beam 98: End 2: 8: Y	-5.65	5.55	0.84	0.19	Verificato
Beam 99: End 1: 1: sle	-107.96	108.30	3.06	0.87	Verificato
Beam 99: End 1: 3: Sle1	-109.56	109.57	3.10	0.89	Verificato
Beam 99: End 1: 4: sle2	-26.37	26.53	0.81	0.23	Verificato
Beam 99: End 1: 5: sle3	-26.68	26.83	0.82	0.23	Verificato
Beam 99: End 1: 6: sle4	-109.63	109.36	3.10	0.89	Verificato
Beam 99: End 1: 7: X	-43.71	43.67	1.34	0.28	Verificato

Beam 99: End 1: 8: Y	-41.45	41.62	1.31	0.28	Verificato
Beam 99: End 2: 1: sle	-10.9	11.26	1.91	0.53	Verificato
Beam 99: End 2: 3: Sle1	-8.03	8.26	1.86	0.52	Verificato
Beam 99: End 2: 4: sle2	-6.15	6.32	0.58	0.16	Verificato
Beam 99: End 2: 5: sle3	-6.17	6.32	0.58	0.16	Verificato
Beam 99: End 2: 6: sle4	-7.91	8.37	1.86	0.52	Verificato
Beam 99: End 2: 7: X	-4.14	4.30	0.81	0.17	Verificato
Beam 99: End 2: 8: Y	-5.31	5.30	0.83	0.18	Verificato
Beam 100: End 1: 1: sle	-33.88	33.36	1.70	0.21	Verificato
Beam 100: End 1: 3: Sle1	-24.05	23.66	1.16	0.18	Verificato
Beam 100: End 1: 4: sle2	-23.17	22.88	1.17	0.10	Verificato
Beam 100: End 1: 5: sle3	-24.7	24.43	1.17	0.13	Verificato
Beam 100: End 1: 6: sle4	-24.77	24.38	1.17	0.18	Verificato
Beam 100: End 1: 7: X	-19.02	18.26	0.84	0.19	Verificato
Beam 100: End 1: 8: Y	-17.96	18.08	0.83	0.18	Verificato
Beam 100: End 2: 1: sle	-0.36	-0.15	1.20	0.24	Verificato
Beam 100: End 2: 3: Sle1	-0.48	0.10	0.82	0.20	Verificato
Beam 100: End 2: 4: sle2	-0.64	0.35	0.81	0.11	Verificato
Beam 100: End 2: 5: sle3	-0.53	0.26	0.80	0.14	Verificato
Beam 100: End 2: 6: sle4	-0.58	0.18	0.81	0.20	Verificato
Beam 100: End 2: 7: X	-0.53	-0.13	0.58	0.12	Verificato
Beam 100: End 2: 8: Y	-0.37	0.39	0.59	0.12	Verificato
Beam 101: End 1: 1: sle	-89.35	90.66	2.99	0.83	Verificato
Beam 101: End 1: 3: Sle1	-17.26	18.21	0.78	0.23	Verificato
Beam 101: End 1: 4: sle2	-97.2	97.99	3.04	0.85	Verificato
Beam 101: End 1: 5: sle3	-98.01	98.85	3.05	0.85	Verificato
Beam 101: End 1: 6: sle4	-18.08	19.03	0.79	0.23	Verificato
Beam 101: End 1: 7: X	-41.49	42.02	1.24	0.45	Verificato
Beam 101: End 1: 8: Y	-40.34	41.31	1.24	0.44	Verificato
Beam 101: End 2: 1: sle	-2.17	3.49	1.99	0.51	Verificato
Beam 101: End 2: 3: Sle1	0.3	0.65	0.61	0.15	Verificato
Beam 101: End 2: 4: sle2	-3.13	3.93	1.93	0.51	Verificato
Beam 101: End 2: 5: sle3	-2.98	3.82	1.93	0.51	Verificato
Beam 101: End 2: 6: sle4	0.43	0.53	0.61	0.15	Verificato
Beam 101: End 2: 7: X	-0.71	1.44	0.83	0.27	Verificato
Beam 101: End 2: 8: Y	-1.38	2.16	0.84	0.27	Verificato
Beam 102: End 1: 1: sle	-80.72	81.06	2.93	0.81	Verificato
Beam 102: End 1: 3: Sle1	-17.05	17.32	0.78	0.23	Verificato
Beam 102: End 1: 4: sle2	-86.38	86.57	2.97	0.82	Verificato
Beam 102: End 1: 5: sle3	-86.99	87.18	2.97	0.82	Verificato
Beam 102: End 1: 6: sle4	-17.79	18.03	0.79	0.23	Verificato
Beam 102: End 1: 7: X	-37.83	38.03	1.22	0.44	Verificato
Beam 102: End 1: 8: Y	-36.16	36.40	1.21	0.43	Verificato
Beam 102: End 2: 1: sle	-4.6	4.95	2.04	0.53	Verificato
Beam 102: End 2: 3: Sle1	-0.65	0.93	0.61	0.16	Verificato
Beam 102: End 2: 4: sle2	-5.31	5.51	2.01	0.53	Verificato
Beam 102: End 2: 5: sle3	-5.24	5.43	2.00	0.53	Verificato
Beam 102: End 2: 6: sle4	-0.59	0.83	0.61	0.15	Verificato
Beam 102: End 2: 7: X	-1.89	2.28	0.85	0.28	Verificato

Beam 102: End 2: 8: Y	-2.87	2.93	0.87	0.28	Verificato
Beam 103: End 1: 1: sle	-74.56	74.24	2.89	0.79	Verificato
Beam 103: End 1: 3: Sle1	-16.97	16.79	0.79	0.22	Verificato
Beam 103: End 1: 4: sle2	-78.59	78.37	2.91	0.80	Verificato
Beam 103: End 1: 5: sle3	-78.94	78.67	2.92	0.80	Verificato
Beam 103: End 1: 6: sle4	-17.59	17.34	0.79	0.22	Verificato
Beam 103: End 1: 7: X	-35.19	35.09	1.20	0.44	Verificato
Beam 103: End 1: 8: Y	-32.91	32.67	1.18	0.42	Verificato
Beam 103: End 2: 1: sle	-6.68	6.38	2.08	0.56	Verificato
Beam 103: End 2: 3: Sle1	-1.43	1.26	0.61	0.16	Verificato
Beam 103: End 2: 4: sle2	-7.22	7.00	2.06	0.56	Verificato
Beam 103: End 2: 5: sle3	-7.22	6.96	2.06	0.56	Verificato
Beam 103: End 2: 6: sle4	-1.45	1.21	0.61	0.16	Verificato
Beam 103: End 2: 7: X	-2.99	3.08	0.87	0.29	Verificato
Beam 103: End 2: 8: Y	-4.16	3.74	0.89	0.29	Verificato
Beam 104: End 1: 1: sle	-71.57	70.77	2.87	0.78	Verificato
Beam 104: End 1: 3: Sle1	-17.66	17.15	0.79	0.22	Verificato
Beam 104: End 1: 4: sle2	-74.15	73.59	2.88	0.79	Verificato
Beam 104: End 1: 5: sle3	-74.31	73.69	2.89	0.79	Verificato
Beam 104: End 1: 6: sle4	-18.3	17.74	0.79	0.22	Verificato
Beam 104: End 1: 7: X	-33.88	33.55	1.18	0.43	Verificato
Beam 104: End 1: 8: Y	-31.89	31.43	1.17	0.42	Verificato
Beam 104: End 2: 1: sle	-8.84	8.05	2.10	0.57	Verificato
Beam 104: End 2: 3: Sle1	-2.38	1.87	0.60	0.17	Verificato
Beam 104: End 2: 4: sle2	-9.05	8.50	2.09	0.57	Verificato
Beam 104: End 2: 5: sle3	-9.1	8.49	2.09	0.57	Verificato
Beam 104: End 2: 6: sle4	-2.43	1.87	0.61	0.16	Verificato
Beam 104: End 2: 7: X	-4.24	4.09	0.89	0.29	Verificato
Beam 104: End 2: 8: Y	-5.26	4.61	0.90	0.30	Verificato
Beam 105: End 1: 1: sle	-71.38	70.71	2.88	0.77	Verificato
Beam 105: End 1: 3: Sle1	-18.75	18.23	0.80	0.22	Verificato
Beam 105: End 1: 4: sle2	-72.92	72.49	2.88	0.78	Verificato
Beam 105: End 1: 5: sle3	-73.01	72.53	2.88	0.78	Verificato
Beam 105: End 1: 6: sle4	-19.67	19.12	0.80	0.22	Verificato
Beam 105: End 1: 7: X	-33.7	33.07	1.17	0.43	Verificato
Beam 105: End 1: 8: Y	-33.52	33.13	1.19	0.42	Verificato
Beam 105: End 2: 1: sle	-10.09	9.42	2.10	0.59	Verificato
Beam 105: End 2: 3: Sle1	-2.86	2.35	0.59	0.17	Verificato
Beam 105: End 2: 4: sle2	-10.17	9.73	2.09	0.59	Verificato
Beam 105: End 2: 5: sle3	-10.2	9.72	2.09	0.59	Verificato
Beam 105: End 2: 6: sle4	-2.9	2.35	0.60	0.16	Verificato
Beam 105: End 2: 7: X	-5.31	4.87	0.90	0.30	Verificato
Beam 105: End 2: 8: Y	-5.55	4.98	0.89	0.30	Verificato
Beam 106: End 1: 1: sle	-40.81	41.35	1.65	0.43	Verificato
Beam 106: End 1: 3: Sle1	-15.01	15.51	0.61	0.15	Verificato
Beam 106: End 1: 4: sle2	-41.16	41.42	1.64	0.43	Verificato
Beam 106: End 1: 5: sle3	-41.43	41.77	1.65	0.43	Verificato
Beam 106: End 1: 6: sle4	-16.63	17.28	0.60	0.16	Verificato
Beam 106: End 1: 7: X	-21.76	21.62	0.75	0.28	Verificato

Beam 106: End 1: 8: Y	-26.68	27.56	0.82	0.27	Verificato
Beam 106: End 2: 1: sle	-4.92	5.46	1.15	0.35	Verificato
Beam 106: End 2: 3: Sle1	-1.45	1.96	0.41	0.13	Verificato
Beam 106: End 2: 4: sle2	-5.32	5.58	1.15	0.34	Verificato
Beam 106: End 2: 5: sle3	-5.2	5.54	1.15	0.35	Verificato
Beam 106: End 2: 6: sle4	-1.31	1.96	0.41	0.12	Verificato
Beam 106: End 2: 7: X	-4.01	3.97	0.60	0.18	Verificato
Beam 106: End 2: 8: Y	-2.35	3.14	0.53	0.18	Verificato
Beam 107: End 1: 1: sle	-7.21	7.72	1.11	0.36	Verificato
Beam 107: End 1: 3: Sle1	-3.07	3.45	0.41	0.14	Verificato
Beam 107: End 1: 4: sle2	-6.61	6.90	1.11	0.34	Verificato
Beam 107: End 1: 5: sle3	-6.74	7.23	1.11	0.35	Verificato
Beam 107: End 1: 6: sle4	-3.14	3.61	0.41	0.14	Verificato
Beam 107: End 1: 7: X	-2.35	3.38	0.54	0.20	Verificato
Beam 107: End 1: 8: Y	-4.54	4.81	0.56	0.16	Verificato
Beam 107: End 2: 1: sle	-46.73	47.24	1.68	0.44	Verificato
Beam 107: End 2: 3: Sle1	-14.81	15.20	0.60	0.15	Verificato
Beam 107: End 2: 4: sle2	-48.98	49.27	1.69	0.45	Verificato
Beam 107: End 2: 5: sle3	-48.2	48.70	1.68	0.45	Verificato
Beam 107: End 2: 6: sle4	-14.7	15.17	0.60	0.15	Verificato
Beam 107: End 2: 7: X	-23.96	25.09	0.81	0.26	Verificato
Beam 107: End 2: 8: Y	-20.13	20.50	0.83	0.16	Verificato
Beam 108: End 1: 1: sle	-44.5	46.95	1.62	0.41	Verificato
Beam 108: End 1: 3: Sle1	-15.67	17.30	0.60	0.14	Verificato
Beam 108: End 1: 4: sle2	-45.26	46.86	1.61	0.42	Verificato
Beam 108: End 1: 5: sle3	-46.46	48.51	1.62	0.42	Verificato
Beam 108: End 1: 6: sle4	-15.66	17.45	0.60	0.14	Verificato
Beam 108: End 1: 7: X	-26.26	29.22	0.80	0.25	Verificato
Beam 108: End 1: 8: Y	-25.16	26.18	0.85	0.16	Verificato
Beam 108: End 2: 1: sle	1.23	1.23	0.93	0.30	Verificato
Beam 108: End 2: 3: Sle1	0.81	0.81	0.32	0.12	Verificato
Beam 108: End 2: 4: sle2	0.8	0.80	0.94	0.30	Verificato
Beam 108: End 2: 5: sle3	1.02	1.02	0.93	0.30	Verificato
Beam 108: End 2: 6: sle4	0.89	0.89	0.32	0.12	Verificato
Beam 108: End 2: 7: X	1.52	1.52	0.42	0.16	Verificato
Beam 108: End 2: 8: Y	0.55	0.55	0.42	0.12	Verificato
Beam 109: End 1: 1: sle	-11.45	10.57	1.95	0.59	Verificato
Beam 109: End 1: 3: Sle1	-4.38	3.77	0.56	0.18	Verificato
Beam 109: End 1: 4: sle2	-10.39	9.81	1.94	0.58	Verificato
Beam 109: End 1: 5: sle3	-10.72	9.94	1.94	0.58	Verificato
Beam 109: End 1: 6: sle4	-4.49	3.86	0.56	0.18	Verificato
Beam 109: End 1: 7: X	-4.85	4.05	0.82	0.30	Verificato
Beam 109: End 1: 8: Y	-6.01	5.70	0.85	0.21	Verificato
Beam 109: End 2: 1: sle	-93.33	92.45	3.01	0.82	Verificato
Beam 109: End 2: 3: Sle1	-23.93	23.32	0.84	0.22	Verificato
Beam 109: End 2: 4: sle2	-95.26	94.67	3.02	0.83	Verificato
Beam 109: End 2: 5: sle3	-94.91	94.12	3.02	0.83	Verificato
Beam 109: End 2: 6: sle4	-23.93	23.29	0.84	0.22	Verificato
Beam 109: End 2: 7: X	-41.58	40.97	1.25	0.44	Verificato

Beam 109: End 2: 8: Y	-34.99	34.87	1.29	0.26	Verificato
Beam 110: End 1: 1: sle	-11.36	10.69	1.94	0.57	Verificato
Beam 110: End 1: 3: Sle1	-4.59	4.17	0.56	0.17	Verificato
Beam 110: End 1: 4: sle2	-10.05	9.60	1.93	0.56	Verificato
Beam 110: End 1: 5: sle3	-10.34	9.73	1.92	0.57	Verificato
Beam 110: End 1: 6: sle4	-4.69	4.24	0.56	0.17	Verificato
Beam 110: End 1: 7: X	-5.13	4.43	0.82	0.30	Verificato
Beam 110: End 1: 8: Y	-5.99	5.66	0.85	0.20	Verificato
Beam 110: End 2: 1: sle	-96.94	96.26	3.02	0.83	Verificato
Beam 110: End 2: 3: Sle1	-24.85	24.43	0.84	0.22	Verificato
Beam 110: End 2: 4: sle2	-99	98.54	3.03	0.85	Verificato
Beam 110: End 2: 5: sle3	-98.91	98.28	3.03	0.84	Verificato
Beam 110: End 2: 6: sle4	-24.92	24.47	0.84	0.22	Verificato
Beam 110: End 2: 7: X	-42.81	42.29	1.25	0.44	Verificato
Beam 110: End 2: 8: Y	-36.48	36.33	1.30	0.26	Verificato
Beam 111: End 1: 1: sle	-11.06	10.93	1.93	0.56	Verificato
Beam 111: End 1: 3: Sle1	-4.84	4.79	0.56	0.17	Verificato
Beam 111: End 1: 4: sle2	-9.42	9.33	1.91	0.55	Verificato
Beam 111: End 1: 5: sle3	-9.6	9.46	1.91	0.55	Verificato
Beam 111: End 1: 6: sle4	-4.92	4.85	0.56	0.17	Verificato
Beam 111: End 1: 7: X	-5.2	5.00	0.82	0.29	Verificato
Beam 111: End 1: 8: Y	-5.78	5.58	0.84	0.20	Verificato
Beam 111: End 2: 1: sle	-100.26	100.11	3.03	0.85	Verificato
Beam 111: End 2: 3: Sle1	-25.46	25.40	0.83	0.22	Verificato
Beam 111: End 2: 4: sle2	-102.68	102.59	3.05	0.86	Verificato
Beam 111: End 2: 5: sle3	-102.87	102.73	3.05	0.86	Verificato
Beam 111: End 2: 6: sle4	-25.58	25.52	0.83	0.22	Verificato
Beam 111: End 2: 7: X	-43.92	43.90	1.25	0.45	Verificato
Beam 111: End 2: 8: Y	-37.89	37.88	1.30	0.27	Verificato
Beam 112: End 1: 1: sle	-10.48	10.65	1.92	0.55	Verificato
Beam 112: End 1: 3: Sle1	-5.01	5.17	0.57	0.16	Verificato
Beam 112: End 1: 4: sle2	-8.51	8.59	1.89	0.54	Verificato
Beam 112: End 1: 5: sle3	-8.58	8.74	1.88	0.54	Verificato
Beam 112: End 1: 6: sle4	-5.07	5.21	0.57	0.16	Verificato
Beam 112: End 1: 7: X	-5.17	5.08	0.82	0.28	Verificato
Beam 112: End 1: 8: Y	-5.44	5.35	0.84	0.19	Verificato
Beam 112: End 2: 1: sle	-103.39	103.55	3.04	0.86	Verificato
Beam 112: End 2: 3: Sle1	-25.57	25.73	0.82	0.23	Verificato
Beam 112: End 2: 4: sle2	-106.57	106.64	3.07	0.87	Verificato
Beam 112: End 2: 5: sle3	-107	107.16	3.08	0.87	Verificato
Beam 112: End 2: 6: sle4	-25.79	25.93	0.83	0.23	Verificato
Beam 112: End 2: 7: X	-45.22	45.32	1.25	0.45	Verificato
Beam 112: End 2: 8: Y	-39.18	39.27	1.30	0.27	Verificato
Beam 113: End 1: 1: sle	-9.71	9.87	1.91	0.53	Verificato
Beam 113: End 1: 3: Sle1	-5.27	5.42	0.58	0.16	Verificato
Beam 113: End 1: 4: sle2	-7.34	7.32	1.86	0.52	Verificato
Beam 113: End 1: 5: sle3	-7.25	7.48	1.86	0.52	Verificato
Beam 113: End 1: 6: sle4	-5.31	5.43	0.58	0.16	Verificato
Beam 113: End 1: 7: X	-5.08	4.92	0.81	0.28	Verificato

Beam 113: End 1: 8: Y	-4.95	4.87	0.83	0.18	Verificato
Beam 113: End 2: 1: sle	-106.96	107.10	3.05	0.88	Verificato
Beam 113: End 2: 3: Sle1	-25.67	25.82	0.81	0.23	Verificato
Beam 113: End 2: 4: sle2	-108.25	109.32	3.10	0.89	Verificato
Beam 113: End 2: 5: sle3	-108.25	109.32	3.10	0.89	Verificato
Beam 113: End 2: 6: sle4	-25.99	26.11	0.82	0.23	Verificato
Beam 113: End 2: 7: X	-46.79	46.82	1.25	0.46	Verificato
Beam 113: End 2: 8: Y	-40.7	40.80	1.31	0.28	Verificato
Beam 114: End 1: 1: sle	-5.69	5.39	1.19	0.19	Verificato
Beam 114: End 1: 3: Sle1	-4.14	3.88	0.80	0.08	Verificato
Beam 114: End 1: 4: sle2	-3.31	3.18	0.81	0.17	Verificato
Beam 114: End 1: 5: sle3	-3.37	3.15	0.80	0.17	Verificato
Beam 114: End 1: 6: sle4	-4.06	3.89	0.79	0.11	Verificato
Beam 114: End 1: 7: X	-2.63	2.99	0.58	0.08	Verificato
Beam 114: End 1: 8: Y	-2.77	2.86	0.58	0.09	Verificato
Beam 114: End 2: 1: sle	-39.73	39.42	1.71	0.19	Verificato
Beam 114: End 2: 3: Sle1	-27.29	27.02	1.18	0.08	Verificato
Beam 114: End 2: 4: sle2	-27.83	27.70	1.17	0.17	Verificato
Beam 114: End 2: 5: sle3	-28.52	28.29	1.17	0.17	Verificato
Beam 114: End 2: 6: sle4	-28.68	28.50	1.18	0.11	Verificato
Beam 114: End 2: 7: X	-18.71	19.17	0.85	0.00	Verificato
Beam 114: End 2: 8: Y	-20.37	20.55	0.84	0.16	Verificato
Beam 115: End 1: 1: sle	-88.08	85.40	2.96	0.79	Verificato
Beam 115: End 1: 3: Sle1	-24.45	22.64	0.84	0.21	Verificato
Beam 115: End 1: 4: sle2	-88.47	86.68	2.96	0.80	Verificato
Beam 115: End 1: 5: sle3	-90.33	87.92	2.97	0.80	Verificato
Beam 115: End 1: 6: sle4	-24.7	22.78	0.84	0.21	Verificato
Beam 115: End 1: 7: X	-43.32	40.93	1.25	0.43	Verificato
Beam 115: End 1: 8: Y	-38.11	37.42	1.31	0.26	Verificato
Beam 115: End 2: 1: sle	-1.34	-1.34	1.78	0.53	Verificato
Beam 115: End 2: 3: Sle1	-0.91	-0.91	0.49	0.16	Verificato
Beam 115: End 2: 4: sle2	-0.89	-0.89	1.79	0.53	Verificato
Beam 115: End 2: 5: sle3	-1.21	-1.21	1.78	0.52	Verificato
Beam 115: End 2: 6: sle4	-0.96	-0.96	0.49	0.16	Verificato
Beam 115: End 2: 7: X	-1.11	-1.11	0.73	0.27	Verificato
Beam 115: End 2: 8: Y	-0.26	-0.26	0.74	0.18	Verificato
Beam 116: End 1: 1: sle	-89.95	89.09	3.07	0.83	Verificato
Beam 116: End 1: 3: Sle1	-23.68	23.11	0.86	0.23	Verificato
Beam 116: End 1: 4: sle2	-91.53	90.97	3.07	0.84	Verificato
Beam 116: End 1: 5: sle3	-93.31	92.55	3.08	0.84	Verificato
Beam 116: End 1: 6: sle4	-24.05	23.45	0.86	0.23	Verificato
Beam 116: End 1: 7: X	-42.98	42.19	1.29	0.45	Verificato
Beam 116: End 1: 8: Y	-38.26	37.90	1.35	0.27	Verificato
Beam 116: End 2: 1: sle	-0.43	-0.43	1.94	0.56	Verificato
Beam 116: End 2: 3: Sle1	-0.28	-0.28	0.54	0.17	Verificato
Beam 116: End 2: 4: sle2	-0.28	-0.28	1.94	0.56	Verificato
Beam 116: End 2: 5: sle3	-0.38	-0.38	1.92	0.56	Verificato
Beam 116: End 2: 6: sle4	-0.3	-0.30	0.54	0.17	Verificato
Beam 116: End 2: 7: X	-0.3	-0.30	0.80	0.29	Verificato

Beam 116: End 2: 8: Y	-0.08	-0.08	0.81	0.19	Verificato
Beam 117: End 1: 1: sle	-92.18	91.97	3.18	0.87	Verificato
Beam 117: End 1: 3: Sle1	-22.62	22.50	0.88	0.24	Verificato
Beam 117: End 1: 4: sle2	-95.35	95.24	3.19	0.88	Verificato
Beam 117: End 1: 5: sle3	-97.13	96.93	3.20	0.88	Verificato
Beam 117: End 1: 6: sle4	-23.16	23.03	0.88	0.24	Verificato
Beam 117: End 1: 7: X	-43.32	43.20	1.33	0.47	Verificato
Beam 117: End 1: 8: Y	-38.52	38.32	1.39	0.28	Verificato
Beam 117: End 2: 1: sle	-0.11	-0.11	2.10	0.60	Verificato
Beam 117: End 2: 3: Sle1	-0.06	-0.06	0.60	0.18	Verificato
Beam 117: End 2: 4: sle2	-0.06	-0.06	2.08	0.59	Verificato
Beam 117: End 2: 5: sle3	-0.1	-0.10	2.07	0.59	Verificato
Beam 117: End 2: 6: sle4	-0.06	-0.06	0.60	0.18	Verificato
Beam 117: End 2: 7: X	0.04	0.04	0.87	0.31	Verificato
Beam 117: End 2: 8: Y	0	0.00	0.89	0.20	Verificato
Beam 118: End 1: 1: sle	-95.38	95.50	3.29	0.91	Verificato
Beam 118: End 1: 3: Sle1	-21.61	21.79	0.90	0.25	Verificato
Beam 118: End 1: 4: sle2	-100.35	100.38	3.31	0.93	Verificato
Beam 118: End 1: 5: sle3	-101.99	102.10	3.32	0.93	Verificato
Beam 118: End 1: 6: sle4	-22.34	22.50	0.90	0.25	Verificato
Beam 118: End 1: 7: X	-44.51	44.52	1.37	0.49	Verificato
Beam 118: End 1: 8: Y	-39.22	39.17	1.43	0.30	Verificato
Beam 118: End 2: 1: sle	0.06	0.06	2.25	0.63	Verificato
Beam 118: End 2: 3: Sle1	0.09	0.09	0.66	0.19	Verificato
Beam 118: End 2: 4: sle2	0.02	0.02	2.22	0.62	Verificato
Beam 118: End 2: 5: sle3	0.06	0.06	2.21	0.62	Verificato
Beam 118: End 2: 6: sle4	0.08	0.08	0.65	0.19	Verificato
Beam 118: End 2: 7: X	0.11	0.11	0.94	0.32	Verificato
Beam 118: End 2: 8: Y	0.08	0.08	0.96	0.21	Verificato
Beam 119: End 1: 1: sle	-98.66	100.09	3.40	0.96	Verificato
Beam 119: End 1: 3: Sle1	-20.15	20.90	0.91	0.26	Verificato
Beam 119: End 1: 4: sle2	-105.98	106.95	3.44	0.97	Verificato
Beam 119: End 1: 5: sle3	-107.13	108.68	3.45	0.97	Verificato
Beam 119: End 1: 6: sle4	-21.12	21.77	0.92	0.26	Verificato
Beam 119: End 1: 7: X	-46.15	46.25	1.42	0.51	Verificato
Beam 119: End 1: 8: Y	-40.08	40.52	1.48	0.31	Verificato
Beam 119: End 2: 1: sle	0.72	0.72	2.39	0.66	Verificato
Beam 119: End 2: 3: Sle1	0.37	0.37	0.71	0.19	Verificato
Beam 119: End 2: 4: sle2	0.49	0.49	2.35	0.65	Verificato
Beam 119: End 2: 5: sle3	0.78	0.78	2.34	0.65	Verificato
Beam 119: End 2: 6: sle4	0.32	0.32	0.71	0.19	Verificato
Beam 119: End 2: 7: X	0.16	0.16	1.00	0.34	Verificato
Beam 119: End 2: 8: Y	0.33	0.33	1.02	0.22	Verificato
Beam 120: End 1: 1: sle	-34.49	33.44	1.98	0.16	Verificato
Beam 120: End 1: 3: Sle1	-22.61	21.92	1.35	0.07	Verificato
Beam 120: End 1: 4: sle2	-25.61	24.93	1.36	0.14	Verificato
Beam 120: End 1: 5: sle3	-26.6	25.68	1.36	0.14	Verificato
Beam 120: End 1: 6: sle4	-24.19	23.67	1.36	0.09	Verificato
Beam 120: End 1: 7: X	-15.73	16.44	0.98	0.01	Verificato

Beam 120: End 1: 8: Y	-19.87	19.90	0.99	0.15	Verificato
Beam 120: End 2: 1: sle	-0.52	-0.52	1.51	0.15	Verificato
Beam 120: End 2: 3: Sle1	-0.34	-0.34	1.02	0.07	Verificato
Beam 120: End 2: 4: sle2	-0.34	-0.34	1.03	0.14	Verificato
Beam 120: End 2: 5: sle3	-0.46	-0.46	1.02	0.14	Verificato
Beam 120: End 2: 6: sle4	-0.25	-0.25	1.01	0.09	Verificato
Beam 120: End 2: 7: X	0.41	0.41	0.74	0.08	Verificato
Beam 120: End 2: 8: Y	0.07	0.07	0.73	0.06	Verificato
Beam 121: End 1: 1: sle	-1.3	2.41	1.99	0.51	Verificato
Beam 121: End 1: 3: Sle1	-2.61	3.36	1.94	0.51	Verificato
Beam 121: End 1: 4: sle2	-0.22	0.92	0.62	0.15	Verificato
Beam 121: End 1: 5: sle3	-0.28	1.08	0.61	0.15	Verificato
Beam 121: End 1: 6: sle4	-2.48	3.22	1.93	0.51	Verificato
Beam 121: End 1: 7: X	-0.78	1.17	0.86	0.17	Verificato
Beam 121: End 1: 8: Y	-0.85	1.60	0.84	0.27	Verificato
Beam 121: End 2: 1: sle	-87.96	89.05	2.99	0.83	Verificato
Beam 121: End 2: 3: Sle1	-96.36	97.10	3.04	0.84	Verificato
Beam 121: End 2: 4: sle2	-16.16	16.86	0.78	0.23	Verificato
Beam 121: End 2: 5: sle3	-16.84	17.64	0.79	0.23	Verificato
Beam 121: End 2: 6: sle4	-97.15	97.89	3.05	0.85	Verificato
Beam 121: End 2: 7: X	-33.63	34.20	1.29	0.27	Verificato
Beam 121: End 2: 8: Y	-39.53	40.46	1.23	0.44	Verificato
Beam 122: End 1: 1: sle	-4.05	4.38	2.05	0.53	Verificato
Beam 122: End 1: 3: Sle1	-5	5.21	2.01	0.54	Verificato
Beam 122: End 1: 4: sle2	-0.22	0.48	0.61	0.16	Verificato
Beam 122: End 1: 5: sle3	-0.15	0.43	0.61	0.15	Verificato
Beam 122: End 1: 6: sle4	-4.95	5.11	2.00	0.53	Verificato
Beam 122: End 1: 7: X	-1.83	1.79	0.88	0.18	Verificato
Beam 122: End 1: 8: Y	-2.55	2.62	0.87	0.28	Verificato
Beam 122: End 2: 1: sle	-79.8	80.13	2.93	0.81	Verificato
Beam 122: End 2: 3: Sle1	-85.85	86.05	2.97	0.82	Verificato
Beam 122: End 2: 4: sle2	-16.28	16.54	0.78	0.23	Verificato
Beam 122: End 2: 5: sle3	-16.95	17.22	0.79	0.23	Verificato
Beam 122: End 2: 6: sle4	-86.47	86.62	2.97	0.82	Verificato
Beam 122: End 2: 7: X	-30.25	30.39	1.26	0.26	Verificato
Beam 122: End 2: 8: Y	-35.7	35.96	1.20	0.43	Verificato
Beam 123: End 1: 1: sle	-6.36	6.06	2.09	0.56	Verificato
Beam 123: End 1: 3: Sle1	-7.05	6.84	2.06	0.56	Verificato
Beam 123: End 1: 4: sle2	-1.16	0.98	0.61	0.16	Verificato
Beam 123: End 1: 5: sle3	-1.19	0.96	0.61	0.16	Verificato
Beam 123: End 1: 6: sle4	-7.06	6.79	2.06	0.56	Verificato
Beam 123: End 1: 7: X	-2.63	2.32	0.90	0.19	Verificato
Beam 123: End 1: 8: Y	-3.99	3.56	0.89	0.29	Verificato
Beam 123: End 2: 1: sle	-74.08	73.77	2.89	0.79	Verificato
Beam 123: End 2: 3: Sle1	-78.34	78.13	2.91	0.80	Verificato
Beam 123: End 2: 4: sle2	-16.53	16.35	0.78	0.22	Verificato
Beam 123: End 2: 5: sle3	-17.13	16.89	0.78	0.23	Verificato
Beam 123: End 2: 6: sle4	-78.72	78.45	2.92	0.80	Verificato
Beam 123: End 2: 7: X	-27.91	27.79	1.25	0.25	Verificato

Beam 123: End 2: 8: Y	-32.75	32.51	1.18	0.43	Verificato
Beam 124: End 1: 1: sle	-8.73	7.90	2.11	0.57	Verificato
Beam 124: End 1: 3: Sle1	-9	8.44	2.09	0.57	Verificato
Beam 124: End 1: 4: sle2	-2.27	1.73	0.61	0.17	Verificato
Beam 124: End 1: 5: sle3	-2.37	1.74	0.61	0.16	Verificato
Beam 124: End 1: 6: sle4	-9.05	8.44	2.09	0.57	Verificato
Beam 124: End 1: 7: X	-3.33	2.81	0.90	0.20	Verificato
Beam 124: End 1: 8: Y	-5.24	4.52	0.90	0.30	Verificato
Beam 124: End 2: 1: sle	-71.64	70.80	2.87	0.78	Verificato
Beam 124: End 2: 3: Sle1	-74.29	73.71	2.88	0.79	Verificato
Beam 124: End 2: 4: sle2	-17.54	17.00	0.79	0.22	Verificato
Beam 124: End 2: 5: sle3	-18.23	17.60	0.79	0.22	Verificato
Beam 124: End 2: 6: sle4	-74.5	73.88	2.88	0.79	Verificato
Beam 124: End 2: 7: X	-27.04	26.70	1.25	0.24	Verificato
Beam 124: End 2: 8: Y	-32.11	31.57	1.17	0.42	Verificato
Beam 125: End 1: 1: sle	-10.12	9.41	2.10	0.58	Verificato
Beam 125: End 1: 3: Sle1	-10.23	9.75	2.09	0.58	Verificato
Beam 125: End 1: 4: sle2	-2.85	2.32	0.60	0.17	Verificato
Beam 125: End 1: 5: sle3	-2.91	2.35	0.60	0.16	Verificato
Beam 125: End 1: 6: sle4	-10.27	9.75	2.09	0.58	Verificato
Beam 125: End 1: 7: X	-3.51	3.06	0.88	0.21	Verificato
Beam 125: End 1: 8: Y	-5.59	5.01	0.89	0.29	Verificato
Beam 125: End 2: 1: sle	-71.92	71.20	2.87	0.78	Verificato
Beam 125: End 2: 3: Sle1	-73.35	72.87	2.88	0.79	Verificato
Beam 125: End 2: 4: sle2	-18.93	18.40	0.80	0.22	Verificato
Beam 125: End 2: 5: sle3	-19.93	19.37	0.79	0.23	Verificato
Beam 125: End 2: 6: sle4	-73.54	73.02	2.88	0.78	Verificato
Beam 125: End 2: 7: X	-27.69	27.42	1.26	0.24	Verificato
Beam 125: End 2: 8: Y	-34.08	33.69	1.18	0.42	Verificato
Beam 126: End 1: 1: sle	-5.06	5.57	1.16	0.34	Verificato
Beam 126: End 1: 3: Sle1	-5.43	5.68	1.16	0.34	Verificato
Beam 126: End 1: 4: sle2	-1.55	2.02	0.41	0.12	Verificato
Beam 126: End 1: 5: sle3	-1.42	2.04	0.42	0.11	Verificato
Beam 126: End 1: 6: sle4	-5.33	5.64	1.15	0.34	Verificato
Beam 126: End 1: 7: X	-0.99	1.55	0.53	0.16	Verificato
Beam 126: End 1: 8: Y	-2.48	3.24	0.54	0.17	Verificato
Beam 126: End 2: 1: sle	-41.62	42.13	1.64	0.44	Verificato
Beam 126: End 2: 3: Sle1	-41.68	41.92	1.64	0.44	Verificato
Beam 126: End 2: 4: sle2	-15.44	15.91	0.60	0.16	Verificato
Beam 126: End 2: 5: sle3	-17.24	17.86	0.60	0.17	Verificato
Beam 126: End 2: 6: sle4	-42.11	42.42	1.65	0.44	Verificato
Beam 126: End 2: 7: X	-19.68	20.34	0.86	0.15	Verificato
Beam 126: End 2: 8: Y	-27.61	28.47	0.81	0.28	Verificato
Beam 127: End 1: 1: sle	-100.75	103.29	3.22	0.91	Verificato
Beam 127: End 1: 3: Sle1	-103.22	105.01	3.24	0.91	Verificato
Beam 127: End 1: 4: sle2	-26.12	27.69	0.89	0.26	Verificato
Beam 127: End 1: 5: sle3	-26.95	28.81	0.89	0.26	Verificato
Beam 127: End 1: 6: sle4	-104.22	106.00	3.25	0.91	Verificato
Beam 127: End 1: 7: X	-39.05	40.11	1.39	0.30	Verificato

Beam 127: End 1: 8: Y	-47.02	49.00	1.35	0.48	Verificato
Beam 127: End 2: 1: sle	1.28	1.28	2.21	0.58	Verificato
Beam 127: End 2: 3: Sle1	0.9	0.90	2.19	0.59	Verificato
Beam 127: End 2: 4: sle2	0.79	0.79	0.64	0.16	Verificato
Beam 127: End 2: 5: sle3	0.93	0.93	0.63	0.16	Verificato
Beam 127: End 2: 6: sle4	0.89	0.89	2.18	0.59	Verificato
Beam 127: End 2: 7: X	0.63	0.63	0.95	0.19	Verificato
Beam 127: End 2: 8: Y	1.09	1.09	0.91	0.30	Verificato
Beam 128: End 1: 1: sle	-88.56	89.09	2.91	0.82	Verificato
Beam 128: End 1: 3: Sle1	-89.57	89.87	2.92	0.82	Verificato
Beam 128: End 1: 4: sle2	-24.24	24.67	0.81	0.24	Verificato
Beam 128: End 1: 5: sle3	-25.14	25.55	0.81	0.24	Verificato
Beam 128: End 1: 6: sle4	-90.43	90.63	2.92	0.82	Verificato
Beam 128: End 1: 7: X	-34.41	34.44	1.26	0.26	Verificato
Beam 128: End 1: 8: Y	-41.88	42.05	1.22	0.44	Verificato
Beam 128: End 2: 1: sle	0.27	0.27	1.89	0.50	Verificato
Beam 128: End 2: 3: Sle1	0.16	0.16	1.87	0.51	Verificato
Beam 128: End 2: 4: sle2	0.22	0.22	0.54	0.14	Verificato
Beam 128: End 2: 5: sle3	0.21	0.21	0.53	0.13	Verificato
Beam 128: End 2: 6: sle4	0.1	0.10	1.87	0.50	Verificato
Beam 128: End 2: 7: X	0.11	0.11	0.81	0.17	Verificato
Beam 128: End 2: 8: Y	0.18	0.18	0.78	0.26	Verificato
Beam 129: End 1: 1: sle	-79.49	79.08	2.62	0.74	Verificato
Beam 129: End 1: 3: Sle1	-79.14	78.87	2.62	0.74	Verificato
Beam 129: End 1: 4: sle2	-23.16	22.89	0.74	0.21	Verificato
Beam 129: End 1: 5: sle3	-24.19	23.81	0.74	0.22	Verificato
Beam 129: End 1: 6: sle4	-79.92	79.53	2.63	0.74	Verificato
Beam 129: End 1: 7: X	-31.12	30.79	1.14	0.23	Verificato
Beam 129: End 1: 8: Y	-38.84	38.22	1.10	0.40	Verificato
Beam 129: End 2: 1: sle	-0.2	-0.20	1.54	0.41	Verificato
Beam 129: End 2: 3: Sle1	-0.13	-0.13	1.54	0.42	Verificato
Beam 129: End 2: 4: sle2	-0.13	-0.13	0.43	0.11	Verificato
Beam 129: End 2: 5: sle3	-0.19	-0.19	0.43	0.11	Verificato
Beam 129: End 2: 6: sle4	-0.2	-0.20	1.53	0.42	Verificato
Beam 129: End 2: 7: X	-0.09	-0.09	0.65	0.14	Verificato
Beam 129: End 2: 8: Y	-0.23	-0.23	0.63	0.20	Verificato
Beam 130: End 1: 1: sle	-73.46	72.26	2.37	0.66	Verificato
Beam 130: End 1: 3: Sle1	-72.09	71.29	2.36	0.66	Verificato
Beam 130: End 1: 4: sle2	-22.61	21.78	0.68	0.19	Verificato
Beam 130: End 1: 5: sle3	-24	23.00	0.68	0.20	Verificato
Beam 130: End 1: 6: sle4	-72.92	72.09	2.37	0.66	Verificato
Beam 130: End 1: 7: X	-29.6	28.99	1.05	0.20	Verificato
Beam 130: End 1: 8: Y	-38.4	37.47	1.01	0.37	Verificato
Beam 130: End 2: 1: sle	-0.6	-0.60	1.16	0.32	Verificato
Beam 130: End 2: 3: Sle1	-0.4	-0.40	1.17	0.32	Verificato
Beam 130: End 2: 4: sle2	-0.42	-0.42	0.31	0.08	Verificato
Beam 130: End 2: 5: sle3	-0.5	-0.50	0.31	0.08	Verificato
Beam 130: End 2: 6: sle4	-0.41	-0.41	1.16	0.32	Verificato
Beam 130: End 2: 7: X	-0.24	-0.24	0.47	0.12	Verificato

Beam 130: End 2: 8: Y	-0.4	-0.40	0.46	0.14	Verificato
Beam 131: End 1: 1: sle	1.19	1.19	2.23	0.56	Verificato
Beam 131: End 1: 3: Sle1	0.72	0.72	0.65	0.16	Verificato
Beam 131: End 1: 4: sle2	0.85	0.85	2.20	0.58	Verificato
Beam 131: End 1: 5: sle3	0.91	0.91	2.20	0.58	Verificato
Beam 131: End 1: 6: sle4	0.77	0.77	0.64	0.16	Verificato
Beam 131: End 1: 7: X	0.46	0.46	0.93	0.30	Verificato
Beam 131: End 1: 8: Y	0.98	0.98	0.92	0.30	Verificato
Beam 131: End 2: 1: sle	-98.66	101.03	3.23	0.88	Verificato
Beam 131: End 2: 3: Sle1	-24.95	26.39	0.88	0.26	Verificato
Beam 131: End 2: 4: sle2	-102.06	103.75	3.25	0.89	Verificato
Beam 131: End 2: 5: sle3	-102.95	104.75	3.25	0.89	Verificato
Beam 131: End 2: 6: sle4	-25.8	27.33	0.89	0.26	Verificato
Beam 131: End 2: 7: X	-45.99	47.12	1.34	0.48	Verificato
Beam 131: End 2: 8: Y	-46.49	48.25	1.35	0.48	Verificato
Beam 132: End 1: 1: sle	0.26	0.26	1.90	0.49	Verificato
Beam 132: End 1: 3: Sle1	0.22	0.22	0.55	0.14	Verificato
Beam 132: End 1: 4: sle2	0.15	0.15	1.88	0.50	Verificato
Beam 132: End 1: 5: sle3	0.14	0.14	1.88	0.50	Verificato
Beam 132: End 1: 6: sle4	0.17	0.17	0.54	0.13	Verificato
Beam 132: End 1: 7: X	0.17	0.17	0.79	0.26	Verificato
Beam 132: End 1: 8: Y	0.18	0.18	0.79	0.25	Verificato
Beam 132: End 2: 1: sle	-87.03	87.56	2.91	0.80	Verificato
Beam 132: End 2: 3: Sle1	-23.3	23.74	0.80	0.23	Verificato
Beam 132: End 2: 4: sle2	-88.76	89.05	2.92	0.81	Verificato
Beam 132: End 2: 5: sle3	-89.52	89.79	2.93	0.81	Verificato
Beam 132: End 2: 6: sle4	-24.17	24.52	0.81	0.23	Verificato
Beam 132: End 2: 7: X	-40.59	41.12	1.21	0.44	Verificato
Beam 132: End 2: 8: Y	-41.39	41.56	1.22	0.43	Verificato
Beam 133: End 1: 1: sle	-0.21	-0.21	1.55	0.41	Verificato
Beam 133: End 1: 3: Sle1	-0.14	-0.14	0.43	0.11	Verificato
Beam 133: End 1: 4: sle2	-0.14	-0.14	1.54	0.42	Verificato
Beam 133: End 1: 5: sle3	-0.2	-0.20	1.54	0.41	Verificato
Beam 133: End 1: 6: sle4	-0.21	-0.21	0.43	0.11	Verificato
Beam 133: End 1: 7: X	-0.11	-0.11	0.65	0.21	Verificato
Beam 133: End 1: 8: Y	-0.27	-0.27	0.64	0.20	Verificato
Beam 133: End 2: 1: sle	-78.4	77.98	2.63	0.72	Verificato
Beam 133: End 2: 3: Sle1	-22.46	22.18	0.74	0.21	Verificato
Beam 133: End 2: 4: sle2	-78.6	78.32	2.63	0.73	Verificato
Beam 133: End 2: 5: sle3	-79.31	78.91	2.63	0.73	Verificato
Beam 133: End 2: 6: sle4	-23.44	23.01	0.74	0.21	Verificato
Beam 133: End 2: 7: X	-36.6	36.55	1.09	0.40	Verificato
Beam 133: End 2: 8: Y	-38.45	37.74	1.11	0.39	Verificato
Beam 134: End 1: 1: sle	-0.56	-0.56	1.15	0.32	Verificato
Beam 134: End 1: 3: Sle1	-0.36	-0.36	0.31	0.09	Verificato
Beam 134: End 1: 4: sle2	-0.39	-0.39	1.16	0.32	Verificato
Beam 134: End 1: 5: sle3	-0.42	-0.42	1.15	0.32	Verificato
Beam 134: End 1: 6: sle4	-0.39	-0.39	0.31	0.08	Verificato
Beam 134: End 1: 7: X	-0.1	-0.10	0.50	0.15	Verificato

Beam 134: End 1: 8: Y	-0.25	-0.25	0.45	0.15	Verificato
Beam 134: End 2: 1: sle	-72.52	71.40	2.37	0.65	Verificato
Beam 134: End 2: 3: Sle1	-22.04	21.31	0.68	0.19	Verificato
Beam 134: End 2: 4: sle2	-71.6	70.81	2.36	0.65	Verificato
Beam 134: End 2: 5: sle3	-72.36	71.53	2.37	0.65	Verificato
Beam 134: End 2: 6: sle4	-23.26	22.49	0.68	0.19	Verificato
Beam 134: End 2: 7: X	-33.14	33.07	0.97	0.36	Verificato
Beam 134: End 2: 8: Y	-37.78	37.16	1.02	0.36	Verificato
Beam 135: End 1: 1: sle	0.8	0.80	0.04	0.06	Verificato
Beam 135: End 1: 3: Sle1	0.54	0.54	0.11	0.00	Verificato
Beam 135: End 1: 4: sle2	0.55	0.55	0.05	0.07	Verificato
Beam 135: End 1: 5: sle3	0.64	0.64	0.00	0.07	Verificato
Beam 135: End 1: 6: sle4	0.69	0.69	0.13	0.03	Verificato
Beam 135: End 1: 7: X	0.01	0.01	0.11	0.01	Verificato
Beam 135: End 1: 8: Y	0.99	0.99	0.28	0.06	Verificato
Beam 135: End 2: 1: sle	-48.73	50.33	1.38	0.31	Verificato
Beam 135: End 2: 3: Sle1	-22.87	23.94	0.58	0.13	Verificato
Beam 135: End 2: 4: sle2	-43.78	44.87	1.29	0.31	Verificato
Beam 135: End 2: 5: sle3	-45.96	47.24	1.34	0.31	Verificato
Beam 135: End 2: 6: sle4	-26.32	27.70	0.60	0.16	Verificato
Beam 135: End 2: 7: X	-21.56	21.63	0.52	0.23	Verificato
Beam 135: End 2: 8: Y	-44.81	46.75	0.92	0.27	Verificato
Beam 136: End 1: 1: sle	-1.14	-1.14	0.68	0.21	Verificato
Beam 136: End 1: 3: Sle1	-0.82	-0.82	0.16	0.05	Verificato
Beam 136: End 1: 4: sle2	-0.74	-0.74	0.71	0.22	Verificato
Beam 136: End 1: 5: sle3	-0.84	-0.84	0.70	0.22	Verificato
Beam 136: End 1: 6: sle4	-0.92	-0.92	0.15	0.04	Verificato
Beam 136: End 1: 7: X	-0.82	-0.82	0.34	0.09	Verificato
Beam 136: End 1: 8: Y	-0.96	-0.96	0.20	0.07	Verificato
Beam 136: End 2: 1: sle	-71.3	69.02	2.20	0.58	Verificato
Beam 136: End 2: 3: Sle1	-23.64	22.00	0.66	0.17	Verificato
Beam 136: End 2: 4: sle2	-68.74	67.25	2.16	0.58	Verificato
Beam 136: End 2: 5: sle3	-69.97	68.28	2.18	0.58	Verificato
Beam 136: End 2: 6: sle4	-25.69	23.84	0.66	0.18	Verificato
Beam 136: End 2: 7: X	-31.99	30.47	0.87	0.34	Verificato
Beam 136: End 2: 8: Y	-42.76	40.74	1.00	0.35	Verificato
Beam 137: End 1: 1: sle	0.92	0.92	0.00	0.04	Verificato
Beam 137: End 1: 3: Sle1	0.63	0.63	0.08	0.06	Verificato
Beam 137: End 1: 4: sle2	0.61	0.61	0.09	0.01	Verificato
Beam 137: End 1: 5: sle3	0.76	0.76	0.11	0.04	Verificato
Beam 137: End 1: 6: sle4	0.71	0.71	0.04	0.05	Verificato
Beam 137: End 1: 7: X	0.82	0.82	0.15	0.04	Verificato
Beam 137: End 1: 8: Y	1.03	1.03	0.24	0.08	Verificato
Beam 137: End 2: 1: sle	-49.08	50.92	1.36	0.33	Verificato
Beam 137: End 2: 3: Sle1	-43.92	45.19	1.28	0.32	Verificato
Beam 137: End 2: 4: sle2	-23.01	24.22	0.57	0.14	Verificato
Beam 137: End 2: 5: sle3	-26.67	28.18	0.58	0.17	Verificato
Beam 137: End 2: 6: sle4	-46.19	47.60	1.32	0.32	Verificato
Beam 137: End 2: 7: X	-27.12	28.72	0.81	0.10	Verificato

Beam 137: End 2: 8: Y	-45.31	47.32	0.88	0.30	Verificato
Beam 138: End 1: 1: sle	-1.18	-1.18	0.71	0.21	Verificato
Beam 138: End 1: 3: Sle1	-0.79	-0.79	0.74	0.22	Verificato
Beam 138: End 1: 4: sle2	-0.82	-0.82	0.16	0.05	Verificato
Beam 138: End 1: 5: sle3	-0.89	-0.89	0.16	0.03	Verificato
Beam 138: End 1: 6: sle4	-0.9	-0.90	0.72	0.21	Verificato
Beam 138: End 1: 7: X	-0.61	-0.61	0.24	0.09	Verificato
Beam 138: End 1: 8: Y	-0.9	-0.90	0.22	0.06	Verificato
Beam 138: End 2: 1: sle	-72.21	69.85	2.20	0.59	Verificato
Beam 138: End 2: 3: Sle1	-69.34	67.75	2.17	0.59	Verificato
Beam 138: End 2: 4: sle2	-24.12	22.48	0.66	0.18	Verificato
Beam 138: End 2: 5: sle3	-26.27	24.50	0.66	0.19	Verificato
Beam 138: End 2: 6: sle4	-70.65	68.86	2.19	0.59	Verificato
Beam 138: End 2: 7: X	-31	29.67	1.02	0.17	Verificato
Beam 138: End 2: 8: Y	-43.32	41.42	1.00	0.36	Verificato
Beam 139: End 1: 1: sle	-69.04	61.14	0.01	3.26	Verificato
Beam 139: End 1: 3: Sle1	-46.48	41.21	0.01	2.25	Verificato
Beam 139: End 1: 4: sle2	-46.71	41.43	0.01	2.24	Verificato
Beam 139: End 1: 5: sle3	-52.47	46.36	0.01	2.38	Verificato
Beam 139: End 1: 6: sle4	-51.92	45.79	0.01	2.38	Verificato
Beam 139: End 1: 7: X	-33.51	29.83	0.04	1.65	Verificato
Beam 139: End 1: 8: Y	-58.71	54.32	0.00	2.25	Verificato
Beam 139: End 2: 1: sle	-46.76	38.89	0.01	3.14	Verificato
Beam 139: End 2: 3: Sle1	-31.44	26.20	0.01	2.13	Verificato
Beam 139: End 2: 4: sle2	-31.3	26.06	0.01	2.13	Verificato
Beam 139: End 2: 5: sle3	-36.12	30.03	0.01	2.26	Verificato
Beam 139: End 2: 6: sle4	-36	29.90	0.01	2.27	Verificato
Beam 139: End 2: 7: X	-23.34	19.70	0.04	1.53	Verificato
Beam 139: End 2: 8: Y	-43.47	39.11	0.00	2.13	Verificato
Beam 140: End 1: 1: sle	-62.19	52.29	0.01	3.19	Verificato
Beam 140: End 1: 3: Sle1	-41.75	35.13	0.01	2.17	Verificato
Beam 140: End 1: 4: sle2	-41.68	35.07	0.01	2.18	Verificato
Beam 140: End 1: 5: sle3	-48.03	40.39	0.02	2.33	Verificato
Beam 140: End 1: 6: sle4	-47.81	40.12	0.01	2.33	Verificato
Beam 140: End 1: 7: X	-31	26.29	0.02	1.56	Verificato
Beam 140: End 1: 8: Y	-57.48	51.78	0.03	2.28	Verificato
Beam 140: End 2: 1: sle	-35.75	25.88	0.01	3.07	Verificato
Beam 140: End 2: 3: Sle1	-23.84	17.26	0.01	2.05	Verificato
Beam 140: End 2: 4: sle2	-23.87	17.30	0.01	2.06	Verificato
Beam 140: End 2: 5: sle3	-28.8	21.19	0.02	2.21	Verificato
Beam 140: End 2: 6: sle4	-28.68	21.02	0.01	2.21	Verificato
Beam 140: End 2: 7: X	-18.09	13.40	0.02	1.44	Verificato
Beam 140: End 2: 8: Y	-38.58	32.91	0.03	2.17	Verificato
Beam 141: End 1: 1: sle	-70.08	58.72	0.73	3.99	Verificato
Beam 141: End 1: 3: Sle1	-46.63	39.04	0.49	2.65	Verificato
Beam 141: End 1: 4: sle2	-46.6	39.01	0.49	2.70	Verificato
Beam 141: End 1: 5: sle3	-50.04	41.30	0.52	2.76	Verificato
Beam 141: End 1: 6: sle4	-62.26	53.13	0.65	3.83	Verificato
Beam 141: End 1: 7: X	-3.3	-1.13	0.06	1.24	Verificato

Beam 141: End 1: 8: Y	-17.89	13.13	0.09	1.58	Verificato
Beam 141: End 2: 1: sle	-35.86	24.53	0.73	3.90	Verificato
Beam 141: End 2: 3: Sle1	-24.01	16.44	0.49	2.56	Verificato
Beam 141: End 2: 4: sle2	-23.62	16.07	0.49	2.61	Verificato
Beam 141: End 2: 5: sle3	-26.17	17.46	0.52	2.67	Verificato
Beam 141: End 2: 6: sle4	-30.29	21.19	0.65	3.74	Verificato
Beam 141: End 2: 7: X	-8.61	4.21	0.06	1.15	Verificato
Beam 141: End 2: 8: Y	-7.9	3.17	0.09	1.49	Verificato
Beam 142: End 1: 1: sle	-47.2	34.23	0.08	3.58	Verificato
Beam 142: End 1: 3: Sle1	-31.6	22.91	0.06	2.37	Verificato
Beam 142: End 1: 4: sle2	-31.11	22.45	0.05	2.41	Verificato
Beam 142: End 1: 5: sle3	-34.44	24.43	0.06	2.48	Verificato
Beam 142: End 1: 6: sle4	-39.85	29.48	0.07	3.39	Verificato
Beam 142: End 1: 7: X	-10.81	5.76	0.02	0.91	Verificato
Beam 142: End 1: 8: Y	-10.17	4.75	0.02	1.33	Verificato
Beam 142: End 2: 1: sle	-23.31	10.37	0.08	3.49	Verificato
Beam 142: End 2: 3: Sle1	-15.79	7.13	0.06	2.28	Verificato
Beam 142: End 2: 4: sle2	-15.21	6.58	0.05	2.32	Verificato
Beam 142: End 2: 5: sle3	-18	8.02	0.06	2.39	Verificato
Beam 142: End 2: 6: sle4	-17.39	7.05	0.07	3.30	Verificato
Beam 142: End 2: 7: X	-16.63	11.61	0.02	0.82	Verificato
Beam 142: End 2: 8: Y	-8.1	2.72	0.02	1.24	Verificato
Beam 143: End 1: 1: sle	-31.58	16.35	0.00	2.94	Verificato
Beam 143: End 1: 3: Sle1	-21.42	11.22	0.00	1.95	Verificato
Beam 143: End 1: 4: sle2	-20.58	10.42	0.00	1.96	Verificato
Beam 143: End 1: 5: sle3	-24.4	12.61	0.00	2.05	Verificato
Beam 143: End 1: 6: sle4	-23.35	11.26	0.01	2.71	Verificato
Beam 143: End 1: 7: X	-22.78	16.85	0.01	0.45	Verificato
Beam 143: End 1: 8: Y	-9.6	3.27	0.03	0.96	Verificato
Beam 143: End 2: 1: sle	-11.19	-4.01	0.00	2.85	Verificato
Beam 143: End 2: 3: Sle1	-6.86	-3.31	0.00	1.86	Verificato
Beam 143: End 2: 4: sle2	-7.76	-2.37	0.00	1.87	Verificato
Beam 143: End 2: 5: sle3	-9.16	-2.60	0.00	1.96	Verificato
Beam 143: End 2: 6: sle4	-14.18	2.12	0.01	2.62	Verificato
Beam 143: End 2: 7: X	-25.95	20.06	0.01	0.36	Verificato
Beam 143: End 2: 8: Y	-17.03	10.73	0.03	0.87	Verificato
Beam 144: End 1: 1: sle	-10.74	-4.06	0.02	1.51	Verificato
Beam 144: End 1: 3: Sle1	-6.83	-3.07	0.02	1.03	Verificato
Beam 144: End 1: 4: sle2	-7.5	-2.37	0.02	1.00	Verificato
Beam 144: End 1: 5: sle3	-9.03	-2.47	0.02	1.09	Verificato
Beam 144: End 1: 6: sle4	-13.67	2.00	0.02	1.30	Verificato
Beam 144: End 1: 7: X	-25.85	20.08	0.01	0.22	Verificato
Beam 144: End 1: 8: Y	-16.39	10.25	0.01	0.30	Verificato
Beam 144: End 2: 1: sle	-21.49	6.72	0.03	1.42	Verificato
Beam 144: End 2: 3: Sle1	-13.67	3.79	0.02	0.94	Verificato
Beam 144: End 2: 4: sle2	-14.48	4.64	0.02	0.91	Verificato
Beam 144: End 2: 5: sle3	-13.85	2.39	0.02	1.00	Verificato
Beam 144: End 2: 6: sle4	-22.93	11.30	0.02	1.21	Verificato
Beam 144: End 2: 7: X	-23.64	17.90	0.01	0.31	Verificato

Beam 144: End 2: 8: Y	-18.16	12.05	0.01	0.21	Verificato
Beam 145: End 1: 1: sle	-30.02	12.16	0.08	0.02	Verificato
Beam 145: End 1: 3: Sle1	-18.88	6.93	0.00	0.07	Verificato
Beam 145: End 1: 4: sle2	-20.42	8.51	0.11	0.01	Verificato
Beam 145: End 1: 5: sle3	-19.18	5.24	0.10	0.11	Verificato
Beam 145: End 1: 6: sle4	-32.66	18.72	0.07	0.24	Verificato
Beam 145: End 1: 7: X	-35.76	28.76	0.02	1.16	Verificato
Beam 145: End 1: 8: Y	-25.69	18.31	0.07	0.48	Verificato
Beam 145: End 2: 1: sle	-28.32	10.48	0.08	0.07	Verificato
Beam 145: End 2: 3: Sle1	-19.11	7.20	0.00	0.02	Verificato
Beam 145: End 2: 4: sle2	-18.18	6.31	0.11	0.10	Verificato
Beam 145: End 2: 5: sle3	-18.05	4.15	0.10	0.02	Verificato
Beam 145: End 2: 6: sle4	-28.67	14.76	0.07	0.33	Verificato
Beam 145: End 2: 7: X	-23.93	16.96	0.02	1.25	Verificato
Beam 145: End 2: 8: Y	-19.5	12.15	0.07	0.57	Verificato
Beam 146: End 1: 1: sle	-61.78	34.86	0.11	2.96	Verificato
Beam 146: End 1: 3: Sle1	-40.5	22.37	0.15	1.83	Verificato
Beam 146: End 1: 4: sle2	-40.89	22.96	0.01	2.01	Verificato
Beam 146: End 1: 5: sle3	-39.56	18.34	0.01	1.82	Verificato
Beam 146: End 1: 6: sle4	-64.24	43.63	0.10	3.34	Verificato
Beam 146: End 1: 7: X	-57.85	47.15	0.09	3.26	Verificato
Beam 146: End 1: 8: Y	-42.71	31.52	0.20	2.13	Verificato
Beam 146: End 2: 1: sle	-13.44	-13.44	0.11	3.05	Verificato
Beam 146: End 2: 3: Sle1	-9.04	-9.04	0.15	1.92	Verificato
Beam 146: End 2: 4: sle2	-8.95	-8.95	0.01	2.10	Verificato
Beam 146: End 2: 5: sle3	-10.6	-10.60	0.01	1.91	Verificato
Beam 146: End 2: 6: sle4	-10.29	-10.29	0.10	3.43	Verificato
Beam 146: End 2: 7: X	-5.34	-5.34	0.09	3.35	Verificato
Beam 146: End 2: 8: Y	-5.58	-5.58	0.20	2.22	Verificato
Beam 147: End 1: 1: sle	-36.2	24.87	0.73	3.92	Verificato
Beam 147: End 1: 3: Sle1	-23.85	16.30	0.49	2.62	Verificato
Beam 147: End 1: 4: sle2	-24.26	16.68	0.48	2.57	Verificato
Beam 147: End 1: 5: sle3	-30.43	21.33	0.65	3.74	Verificato
Beam 147: End 1: 6: sle4	-26.3	17.59	0.52	2.68	Verificato
Beam 147: End 1: 7: X	-37.51	31.32	0.62	2.45	Verificato
Beam 147: End 1: 8: Y	-8.15	3.41	0.09	1.50	Verificato
Beam 147: End 2: 1: sle	-70.47	59.11	0.73	4.01	Verificato
Beam 147: End 2: 3: Sle1	-46.86	39.27	0.49	2.71	Verificato
Beam 147: End 2: 4: sle2	-46.93	39.33	0.48	2.66	Verificato
Beam 147: End 2: 5: sle3	-62.3	53.17	0.65	3.83	Verificato
Beam 147: End 2: 6: sle4	-50.23	41.49	0.52	2.77	Verificato
Beam 147: End 2: 7: X	-61.93	55.71	0.62	2.54	Verificato
Beam 147: End 2: 8: Y	-18.17	13.41	0.09	1.59	Verificato
Beam 148: End 1: 1: sle	-23.64	10.70	0.08	3.51	Verificato
Beam 148: End 1: 3: Sle1	-15.42	6.80	0.05	2.33	Verificato
Beam 148: End 1: 4: sle2	-16.01	7.36	0.06	2.30	Verificato
Beam 148: End 1: 5: sle3	-17.56	7.22	0.07	3.31	Verificato
Beam 148: End 1: 6: sle4	-18.05	8.08	0.06	2.40	Verificato
Beam 148: End 1: 7: X	-33.24	26.17	0.06	2.36	Verificato

Beam 148: End 1: 8: Y	-7.92	2.52	0.02	1.25	Verificato
Beam 148: End 2: 1: sle	-47.67	34.70	0.08	3.60	Verificato
Beam 148: End 2: 3: Sle1	-31.42	22.76	0.05	2.42	Verificato
Beam 148: End 2: 4: sle2	-31.94	23.25	0.06	2.39	Verificato
Beam 148: End 2: 5: sle3	-40.04	29.67	0.07	3.40	Verificato
Beam 148: End 2: 6: sle4	-34.62	24.62	0.06	2.49	Verificato
Beam 148: End 2: 7: X	-49.63	42.53	0.06	2.45	Verificato
Beam 148: End 2: 8: Y	-10.51	5.09	0.02	1.34	Verificato
Beam 149: End 1: 1: sle	-11.04	-4.16	0.00	2.87	Verificato
Beam 149: End 1: 3: Sle1	-7.64	-2.49	0.01	1.89	Verificato
Beam 149: End 1: 4: sle2	-7.11	-3.06	0.00	1.88	Verificato
Beam 149: End 1: 5: sle3	-14.4	2.33	0.01	2.63	Verificato
Beam 149: End 1: 6: sle4	-9.17	-2.58	0.00	1.97	Verificato
Beam 149: End 1: 7: X	-29.09	20.78	0.00	2.22	Verificato
Beam 149: End 1: 8: Y	-16.81	10.51	0.03	0.88	Verificato
Beam 149: End 2: 1: sle	-32.09	16.86	0.00	2.96	Verificato
Beam 149: End 2: 3: Sle1	-20.91	10.76	0.01	1.98	Verificato
Beam 149: End 2: 4: sle2	-21.77	11.57	0.00	1.97	Verificato
Beam 149: End 2: 5: sle3	-23.61	11.50	0.01	2.72	Verificato
Beam 149: End 2: 6: sle4	-24.52	12.74	0.00	2.06	Verificato
Beam 149: End 2: 7: X	-46.25	37.91	0.00	2.31	Verificato
Beam 149: End 2: 8: Y	-9.23	2.90	0.03	0.97	Verificato
Beam 150: End 1: 1: sle	-21.42	6.64	0.02	1.45	Verificato
Beam 150: End 1: 3: Sle1	-14.41	4.58	0.02	0.93	Verificato
Beam 150: End 1: 4: sle2	-13.6	3.72	0.01	0.95	Verificato
Beam 150: End 1: 5: sle3	-23.21	11.57	0.01	1.22	Verificato
Beam 150: End 1: 6: sle4	-13.55	2.09	0.02	1.02	Verificato
Beam 150: End 1: 7: X	-16.01	7.98	0.04	1.58	Verificato
Beam 150: End 1: 8: Y	-17.99	11.87	0.01	0.23	Verificato
Beam 150: End 2: 1: sle	-10.47	-4.34	0.02	1.54	Verificato
Beam 150: End 2: 3: Sle1	-7.3	-2.56	0.02	1.02	Verificato
Beam 150: End 2: 4: sle2	-7.14	-2.78	0.01	1.04	Verificato
Beam 150: End 2: 5: sle3	-13.79	2.11	0.01	1.31	Verificato
Beam 150: End 2: 6: sle4	-9.08	-2.41	0.02	1.11	Verificato
Beam 150: End 2: 7: X	-29.09	21.03	0.04	1.67	Verificato
Beam 150: End 2: 8: Y	-16.07	9.92	0.01	0.32	Verificato
Beam 151: End 1: 1: sle	-28.22	10.39	0.08	0.04	Verificato
Beam 151: End 1: 3: Sle1	-17.93	6.07	0.11	0.08	Verificato
Beam 151: End 1: 4: sle2	-19.1	7.18	0.01	0.00	Verificato
Beam 151: End 1: 5: sle3	-29.09	15.17	0.07	0.32	Verificato
Beam 151: End 1: 6: sle4	-17.92	4.03	0.10	0.03	Verificato
Beam 151: End 1: 7: X	-10.09	0.46	0.08	1.17	Verificato
Beam 151: End 1: 8: Y	-19.28	11.91	0.07	0.55	Verificato
Beam 151: End 2: 1: sle	-29.63	11.77	0.08	0.05	Verificato
Beam 151: End 2: 3: Sle1	-20.14	8.24	0.11	0.01	Verificato
Beam 151: End 2: 4: sle2	-18.6	6.65	0.01	0.09	Verificato
Beam 151: End 2: 5: sle3	-32.82	18.87	0.07	0.23	Verificato
Beam 151: End 2: 6: sle4	-18.61	4.69	0.10	0.12	Verificato
Beam 151: End 2: 7: X	-23.01	13.35	0.08	1.26	Verificato

Beam 151: End 2: 8: Y	-25.26	17.86	0.07	0.46	Verificato
Beam 152: End 1: 1: sle	-13.41	-13.41	0.12	2.97	Verificato
Beam 152: End 1: 3: Sle1	-8.93	-8.93	0.01	2.05	Verificato
Beam 152: End 1: 4: sle2	-9.03	-9.03	0.16	1.86	Verificato
Beam 152: End 1: 5: sle3	-10.27	-10.27	0.15	3.38	Verificato
Beam 152: End 1: 6: sle4	-10.57	-10.57	0.02	1.87	Verificato
Beam 152: End 1: 7: X	-7.35	-7.35	0.16	0.60	Verificato
Beam 152: End 1: 8: Y	-5.55	-5.55	0.20	2.16	Verificato
Beam 152: End 2: 1: sle	-60.73	33.87	0.12	2.88	Verificato
Beam 152: End 2: 3: Sle1	-39.93	22.05	0.01	1.96	Verificato
Beam 152: End 2: 4: sle2	-39.85	21.77	0.16	1.77	Verificato
Beam 152: End 2: 5: sle3	-64.34	43.76	0.15	3.29	Verificato
Beam 152: End 2: 6: sle4	-39.07	17.89	0.02	1.77	Verificato
Beam 152: End 2: 7: X	-20.12	5.39	0.16	0.69	Verificato
Beam 152: End 2: 8: Y	-41.74	30.60	0.20	2.07	Verificato
Beam 153: End 1: 1: sle	-24.63	10.29	0.00	0.60	Verificato
Beam 153: End 1: 3: Sle1	-16.78	7.24	0.02	0.38	Verificato
Beam 153: End 1: 4: sle2	-16.5	6.94	0.02	0.38	Verificato
Beam 153: End 1: 5: sle3	-16.81	5.56	0.03	0.61	Verificato
Beam 153: End 1: 6: sle4	-17.26	5.95	0.03	0.61	Verificato
Beam 153: End 1: 7: X	-13.41	6.73	0.01	0.26	Verificato
Beam 153: End 1: 8: Y	-8.64	0.26	0.00	1.36	Verificato
Beam 153: End 2: 1: sle	-16.6	2.22	0.00	0.72	Verificato
Beam 153: End 2: 3: Sle1	-10.91	1.35	0.02	0.49	Verificato
Beam 153: End 2: 4: sle2	-11.16	1.57	0.02	0.49	Verificato
Beam 153: End 2: 5: sle3	-8.14	-3.14	0.03	0.73	Verificato
Beam 153: End 2: 6: sle4	-8.5	-2.83	0.03	0.72	Verificato
Beam 153: End 2: 7: X	-9.69	2.98	0.01	0.38	Verificato
Beam 153: End 2: 8: Y	-17.61	9.21	0.00	1.48	Verificato
Beam 154: End 1: 1: sle	-14.09	-0.93	0.00	2.15	Verificato
Beam 154: End 1: 3: Sle1	-9.28	-0.72	0.00	1.40	Verificato
Beam 154: End 1: 4: sle2	-9.51	-0.51	0.00	1.41	Verificato
Beam 154: End 1: 5: sle3	-6.45	-5.24	0.00	1.64	Verificato
Beam 154: End 1: 6: sle4	-6.77	-4.95	0.00	1.64	Verificato
Beam 154: End 1: 7: X	-8.54	1.53	0.01	0.98	Verificato
Beam 154: End 1: 8: Y	-19.69	10.91	0.00	2.06	Verificato
Beam 154: End 2: 1: sle	-28.48	13.43	0.00	2.26	Verificato
Beam 154: End 2: 3: Sle1	-18.87	8.84	0.00	1.52	Verificato
Beam 154: End 2: 4: sle2	-19.03	8.98	0.00	1.52	Verificato
Beam 154: End 2: 5: sle3	-26.31	14.59	0.00	1.76	Verificato
Beam 154: End 2: 6: sle4	-26.29	14.54	0.00	1.76	Verificato
Beam 154: End 2: 7: X	-15.78	8.74	0.01	1.09	Verificato
Beam 154: End 2: 8: Y	-45.76	36.95	0.00	2.17	Verificato
Beam 155: End 1: 1: sle	-21.04	8.93	0.00	2.79	Verificato
Beam 155: End 1: 3: Sle1	-13.94	5.87	0.00	1.85	Verificato
Beam 155: End 1: 4: sle2	-14.07	5.99	0.00	1.85	Verificato
Beam 155: End 1: 5: sle3	-18.86	9.49	0.00	2.04	Verificato
Beam 155: End 1: 6: sle4	-18.86	9.48	0.00	2.04	Verificato
Beam 155: End 1: 7: X	-11.73	6.07	0.02	1.29	Verificato

Beam 155: End 1: 8: Y	-31.33	24.37	0.01	2.16	Verificato
Beam 155: End 2: 1: sle	-37.95	25.82	0.00	2.86	Verificato
Beam 155: End 2: 3: Sle1	-25.21	17.12	0.00	1.92	Verificato
Beam 155: End 2: 4: sle2	-25.31	17.21	0.00	1.92	Verificato
Beam 155: End 2: 5: sle3	-31.3	21.91	0.00	2.11	Verificato
Beam 155: End 2: 6: sle4	-31.24	21.84	0.00	2.11	Verificato
Beam 155: End 2: 7: X	-19.45	13.78	0.02	1.36	Verificato
Beam 155: End 2: 8: Y	-44.47	37.49	0.01	2.23	Verificato
Beam 160: End 1: 1: sle	-3.03	-3.03	0.12	2.31	Verificato
Beam 160: End 1: 3: Sle1	-1.61	-1.61	0.04	1.37	Verificato
Beam 160: End 1: 4: sle2	-2.79	-2.79	0.12	1.85	Verificato
Beam 160: End 1: 5: sle3	-2.78	-2.78	0.13	1.83	Verificato
Beam 160: End 1: 6: sle4	-1.61	-1.61	0.02	1.36	Verificato
Beam 160: End 1: 7: X	-1.75	-1.75	0.06	1.27	Verificato
Beam 160: End 1: 8: Y	-1.76	-1.76	0.06	1.29	Verificato
Beam 160: End 2: 1: sle	-40.02	34.13	0.12	2.28	Verificato
Beam 160: End 2: 3: Sle1	-23.12	20.07	0.04	1.33	Verificato
Beam 160: End 2: 4: sle2	-32.35	26.95	0.12	1.81	Verificato
Beam 160: End 2: 5: sle3	-32.16	26.78	0.13	1.79	Verificato
Beam 160: End 2: 6: sle4	-22.84	19.80	0.02	1.32	Verificato
Beam 160: End 2: 7: X	-21.84	18.50	0.06	1.23	Verificato
Beam 160: End 2: 8: Y	-22.24	18.89	0.06	1.26	Verificato
Beam 161: End 1: 1: sle	-20.39	16.27	0.08	1.59	Verificato
Beam 161: End 1: 3: Sle1	-11.7	9.56	0.03	0.93	Verificato
Beam 161: End 1: 4: sle2	-16.58	12.79	0.08	1.26	Verificato
Beam 161: End 1: 5: sle3	-16.5	12.73	0.09	1.25	Verificato
Beam 161: End 1: 6: sle4	-11.54	9.42	0.02	0.92	Verificato
Beam 161: End 1: 7: X	-11.14	8.80	0.04	0.86	Verificato
Beam 161: End 1: 8: Y	-11.34	8.99	0.04	0.88	Verificato
Beam 161: End 2: 1: sle	-38.24	34.29	0.08	1.55	Verificato
Beam 161: End 2: 3: Sle1	-21.88	19.92	0.03	0.89	Verificato
Beam 161: End 2: 4: sle2	-30.8	27.19	0.08	1.23	Verificato
Beam 161: End 2: 5: sle3	-30.64	27.05	0.09	1.22	Verificato
Beam 161: End 2: 6: sle4	-21.57	19.62	0.02	0.89	Verificato
Beam 161: End 2: 7: X	-20.66	18.50	0.04	0.82	Verificato
Beam 161: End 2: 8: Y	-21.05	18.88	0.04	0.84	Verificato
Beam 162: End 1: 1: sle	-7.17	-7.17	0.09	6.44	Verificato
Beam 162: End 1: 3: Sle1	-3.48	-3.48	0.11	3.68	Verificato
Beam 162: End 1: 4: sle2	-6.31	-6.31	0.01	4.88	Verificato
Beam 162: End 1: 5: sle3	-6.36	-6.36	0.04	4.91	Verificato
Beam 162: End 1: 6: sle4	-3.52	-3.52	0.11	3.73	Verificato
Beam 162: End 1: 7: X	-3.67	-3.67	0.02	3.45	Verificato
Beam 162: End 1: 8: Y	-3.89	-3.89	0.16	3.49	Verificato
Beam 162: End 2: 1: sle	-109.26	95.08	0.09	6.40	Verificato
Beam 162: End 2: 3: Sle1	-62.08	55.29	0.11	3.65	Verificato
Beam 162: End 2: 4: sle2	-83.14	70.69	0.01	4.84	Verificato
Beam 162: End 2: 5: sle3	-83.88	71.34	0.04	4.87	Verificato
Beam 162: End 2: 6: sle4	-62.84	55.98	0.11	3.69	Verificato
Beam 162: End 2: 7: X	-58.01	50.84	0.02	3.41	Verificato

Beam 162: End 2: 8: Y	-59.69	52.08	0.16	3.45	Verificato
Beam 163: End 1: 1: sle	-55.16	45.22	0.06	4.46	Verificato
Beam 163: End 1: 3: Sle1	-31.29	26.53	0.08	2.55	Verificato
Beam 163: End 1: 4: sle2	-42.07	33.34	0.01	3.37	Verificato
Beam 163: End 1: 5: sle3	-42.47	33.69	0.03	3.39	Verificato
Beam 163: End 1: 6: sle4	-31.67	26.86	0.08	2.58	Verificato
Beam 163: End 1: 7: X	-29.21	24.19	0.02	2.38	Verificato
Beam 163: End 1: 8: Y	-30.26	24.93	0.11	2.41	Verificato
Beam 163: End 2: 1: sle	-104.63	94.87	0.06	4.42	Verificato
Beam 163: End 2: 3: Sle1	-59.68	55.09	0.08	2.51	Verificato
Beam 163: End 2: 4: sle2	-79.16	70.60	0.01	3.33	Verificato
Beam 163: End 2: 5: sle3	-79.93	71.32	0.03	3.36	Verificato
Beam 163: End 2: 6: sle4	-60.42	55.79	0.08	2.54	Verificato
Beam 163: End 2: 7: X	-55.4	50.55	0.02	2.34	Verificato
Beam 163: End 2: 8: Y	-57.34	52.19	0.11	2.37	Verificato
Beam 164: End 1: 1: sle	-43.29	40.04	0.01	1.45	Verificato
Beam 164: End 1: 3: Sle1	-25.22	23.65	0.00	0.83	Verificato
Beam 164: End 1: 4: sle2	-33.8	30.90	0.00	1.11	Verificato
Beam 164: End 1: 5: sle3	-43.01	39.76	0.00	1.44	Verificato
Beam 164: End 1: 6: sle4	-43.27	40.02	0.01	1.44	Verificato
Beam 164: End 1: 7: X	-17.44	15.97	0.00	0.55	Verificato
Beam 164: End 1: 8: Y	-21.15	19.52	0.01	0.68	Verificato
Beam 164: End 2: 1: sle	-29.81	26.39	0.01	1.48	Verificato
Beam 164: End 2: 3: Sle1	-17.46	15.72	0.00	0.87	Verificato
Beam 164: End 2: 4: sle2	-23.42	20.34	0.00	1.15	Verificato
Beam 164: End 2: 5: sle3	-29.62	26.20	0.00	1.48	Verificato
Beam 164: End 2: 6: sle4	-29.8	26.37	0.01	1.48	Verificato
Beam 164: End 2: 7: X	-12.26	10.61	0.00	0.59	Verificato
Beam 164: End 2: 8: Y	-14.76	12.95	0.01	0.71	Verificato
Beam 165: End 1: 1: sle	-42.5	38.39	0.01	1.79	Verificato
Beam 165: End 1: 3: Sle1	-24.92	22.84	0.00	1.04	Verificato
Beam 165: End 1: 4: sle2	-33.34	29.65	0.00	1.38	Verificato
Beam 165: End 1: 5: sle3	-42.23	38.13	0.00	1.78	Verificato
Beam 165: End 1: 6: sle4	-42.46	38.35	0.01	1.78	Verificato
Beam 165: End 1: 7: X	-17.44	15.46	0.00	0.71	Verificato
Beam 165: End 1: 8: Y	-21	18.84	0.01	0.86	Verificato
Beam 165: End 2: 1: sle	-22.56	18.28	0.01	1.82	Verificato
Beam 165: End 2: 3: Sle1	-13.25	10.99	0.00	1.08	Verificato
Beam 165: End 2: 4: sle2	-17.87	14.01	0.00	1.42	Verificato
Beam 165: End 2: 5: sle3	-22.43	18.15	0.00	1.81	Verificato
Beam 165: End 2: 6: sle4	-22.54	18.26	0.01	1.82	Verificato
Beam 165: End 2: 7: X	-9.48	7.33	0.00	0.74	Verificato
Beam 165: End 2: 8: Y	-11.31	8.98	0.01	0.90	Verificato
Beam 166: End 1: 1: sle	-6.03	-6.03	0.14	2.88	Verificato
Beam 166: End 1: 3: Sle1	-4.15	-4.15	0.10	1.94	Verificato
Beam 166: End 1: 4: sle2	-4.21	-4.21	0.11	1.93	Verificato
Beam 166: End 1: 5: sle3	-4.45	-4.45	0.12	2.06	Verificato
Beam 166: End 1: 6: sle4	-5.53	-5.53	0.16	2.59	Verificato
Beam 166: End 1: 7: X	-2.53	-2.53	0.04	0.10	Verificato

Beam 166: End 1: 8: Y	-2.77	-2.77	0.25	0.73	Verificato
Beam 166: End 2: 1: sle	-52.15	40.25	0.13	2.85	Verificato
Beam 166: End 2: 3: Sle1	-35.04	26.92	0.09	1.90	Verificato
Beam 166: End 2: 4: sle2	-35.09	26.85	0.09	1.90	Verificato
Beam 166: End 2: 5: sle3	-37.42	28.69	0.11	2.03	Verificato
Beam 166: End 2: 6: sle4	-47.11	36.21	0.14	2.55	Verificato
Beam 166: End 2: 7: X	-3.91	-0.98	0.02	0.06	Verificato
Beam 166: End 2: 8: Y	-15.6	10.24	0.24	0.70	Verificato
Beam 167: End 1: 1: sle	-26.99	18.66	0.09	1.98	Verificato
Beam 167: End 1: 3: Sle1	-18.16	12.47	0.06	1.33	Verificato
Beam 167: End 1: 4: sle2	-18.2	12.43	0.06	1.33	Verificato
Beam 167: End 1: 5: sle3	-19.41	13.30	0.08	1.41	Verificato
Beam 167: End 1: 6: sle4	-24.43	16.80	0.10	1.78	Verificato
Beam 167: End 1: 7: X	-2.47	-0.95	0.02	0.04	Verificato
Beam 167: End 1: 8: Y	-8.54	4.79	0.17	0.49	Verificato
Beam 167: End 2: 1: sle	-49.22	41.06	0.08	1.95	Verificato
Beam 167: End 2: 3: Sle1	-32.94	27.42	0.05	1.29	Verificato
Beam 167: End 2: 4: sle2	-32.97	27.38	0.05	1.29	Verificato
Beam 167: End 2: 5: sle3	-35.22	29.29	0.06	1.38	Verificato
Beam 167: End 2: 6: sle4	-44.48	37.02	0.09	1.75	Verificato
Beam 167: End 2: 7: X	-2.75	-0.50	0.00	0.01	Verificato
Beam 167: End 2: 8: Y	-14.71	11.13	0.15	0.45	Verificato
Beam 168: End 1: 1: sle	-7.49	-7.49	0.03	6.26	Verificato
Beam 168: End 1: 3: Sle1	-6.79	-6.79	0.03	4.86	Verificato
Beam 168: End 1: 4: sle2	-3.39	-3.39	0.00	3.45	Verificato
Beam 168: End 1: 5: sle3	-3.38	-3.38	0.01	3.43	Verificato
Beam 168: End 1: 6: sle4	-6.78	-6.78	0.01	4.85	Verificato
Beam 168: End 1: 7: X	-3.46	-3.46	0.06	2.42	Verificato
Beam 168: End 1: 8: Y	-3.39	-3.39	0.07	2.37	Verificato
Beam 168: End 2: 1: sle	-106.28	91.48	0.03	6.22	Verificato
Beam 168: End 2: 3: Sle1	-83.47	70.07	0.03	4.82	Verificato
Beam 168: End 2: 4: sle2	-57.52	50.90	0.00	3.41	Verificato
Beam 168: End 2: 5: sle3	-57.27	50.68	0.01	3.39	Verificato
Beam 168: End 2: 6: sle4	-83.22	69.83	0.01	4.82	Verificato
Beam 168: End 2: 7: X	-41.68	34.94	0.06	2.38	Verificato
Beam 168: End 2: 8: Y	-40.97	34.37	0.07	2.33	Verificato
Beam 169: End 1: 1: sle	-53.68	43.30	0.02	4.33	Verificato
Beam 169: End 1: 3: Sle1	-42.36	32.97	0.02	3.36	Verificato
Beam 169: End 1: 4: sle2	-28.88	24.25	0.00	2.38	Verificato
Beam 169: End 1: 5: sle3	-28.77	24.15	0.00	2.37	Verificato
Beam 169: End 1: 6: sle4	-42.2	32.82	0.00	3.35	Verificato
Beam 169: End 1: 7: X	-21.21	16.49	0.04	1.66	Verificato
Beam 169: End 1: 8: Y	-20.87	16.25	0.05	1.63	Verificato
Beam 169: End 2: 1: sle	-101.47	91.26	0.02	4.29	Verificato
Beam 169: End 2: 3: Sle1	-79.4	70.17	0.02	3.32	Verificato
Beam 169: End 2: 4: sle2	-54.94	50.48	0.00	2.34	Verificato
Beam 169: End 2: 5: sle3	-54.72	50.27	0.00	2.33	Verificato
Beam 169: End 2: 6: sle4	-79.08	69.87	0.00	3.32	Verificato
Beam 169: End 2: 7: X	-39.58	35.03	0.04	1.62	Verificato

Beam 169: End 2: 8: Y	-38.95	34.49	0.05	1.59	Verificato
Beam 170: End 1: 1: sle	-2.84	-2.84	0.18	2.41	Verificato
Beam 170: End 1: 3: Sle1	-2.61	-2.61	0.14	1.95	Verificato
Beam 170: End 1: 4: sle2	-1.55	-1.55	0.09	1.40	Verificato
Beam 170: End 1: 5: sle3	-1.55	-1.55	0.08	1.40	Verificato
Beam 170: End 1: 6: sle4	-2.61	-2.61	0.16	1.95	Verificato
Beam 170: End 1: 7: X	-1.58	-1.58	0.07	1.13	Verificato
Beam 170: End 1: 8: Y	-1.58	-1.58	0.10	1.14	Verificato
Beam 170: End 2: 1: sle	-41.71	36.20	0.18	2.37	Verificato
Beam 170: End 2: 3: Sle1	-33.94	28.89	0.14	1.91	Verificato
Beam 170: End 2: 4: sle2	-23.85	20.93	0.09	1.36	Verificato
Beam 170: End 2: 5: sle3	-23.91	20.98	0.08	1.37	Verificato
Beam 170: End 2: 6: sle4	-34.11	29.06	0.16	1.91	Verificato
Beam 170: End 2: 7: X	-19.52	16.55	0.07	1.09	Verificato
Beam 170: End 2: 8: Y	-19.89	16.90	0.10	1.10	Verificato
Beam 171: End 1: 1: sle	-21.26	17.41	0.13	1.66	Verificato
Beam 171: End 1: 3: Sle1	-17.36	13.82	0.10	1.33	Verificato
Beam 171: End 1: 4: sle2	-12.12	10.08	0.07	0.95	Verificato
Beam 171: End 1: 5: sle3	-12.13	10.08	0.06	0.96	Verificato
Beam 171: End 1: 6: sle4	-17.46	13.93	0.11	1.34	Verificato
Beam 171: End 1: 7: X	-9.98	7.89	0.05	0.76	Verificato
Beam 171: End 1: 8: Y	-10.2	8.11	0.07	0.77	Verificato
Beam 171: End 2: 1: sle	-40.12	36.44	0.13	1.62	Verificato
Beam 171: End 2: 3: Sle1	-32.48	29.11	0.10	1.30	Verificato
Beam 171: End 2: 4: sle2	-22.77	20.90	0.07	0.91	Verificato
Beam 171: End 2: 5: sle3	-22.79	20.92	0.06	0.92	Verificato
Beam 171: End 2: 6: sle4	-32.69	29.33	0.11	1.30	Verificato
Beam 171: End 2: 7: X	-18.47	16.55	0.05	0.73	Verificato
Beam 171: End 2: 8: Y	-18.91	16.99	0.07	0.73	Verificato
Beam 172: End 1: 1: sle	-106.34	98.43	0.03	3.61	Verificato
Beam 172: End 1: 3: Sle1	-80.56	73.63	0.01	2.72	Verificato
Beam 172: End 1: 4: sle2	-60.72	57.11	0.05	2.04	Verificato
Beam 172: End 1: 5: sle3	-61.58	57.93	0.05	2.07	Verificato
Beam 172: End 1: 6: sle4	-81.11	74.14	0.01	2.74	Verificato
Beam 172: End 1: 7: X	-42.05	38.54	0.04	1.37	Verificato
Beam 172: End 1: 8: Y	-58.79	54.70	0.08	1.94	Verificato
Beam 172: End 2: 1: sle	-72.76	64.67	0.03	3.65	Verificato
Beam 172: End 2: 3: Sle1	-55.35	48.25	0.01	2.75	Verificato
Beam 172: End 2: 4: sle2	-41.5	37.72	0.05	2.08	Verificato
Beam 172: End 2: 5: sle3	-42.09	38.26	0.05	2.11	Verificato
Beam 172: End 2: 6: sle4	-55.73	48.58	0.01	2.77	Verificato
Beam 172: End 2: 7: X	-29.03	25.34	0.04	1.41	Verificato
Beam 172: End 2: 8: Y	-40.3	36.05	0.08	1.97	Verificato
Beam 173: End 1: 1: sle	-103.72	94.03	0.03	4.40	Verificato
Beam 173: End 1: 3: Sle1	-78.81	70.31	0.01	3.32	Verificato
Beam 173: End 1: 4: sle2	-59.16	54.63	0.06	2.50	Verificato
Beam 173: End 1: 5: sle3	-59.99	55.40	0.06	2.53	Verificato
Beam 173: End 1: 6: sle4	-79.37	70.80	0.01	3.34	Verificato
Beam 173: End 1: 7: X	-41.23	36.81	0.05	1.70	Verificato

Beam 173: End 1: 8: Y	-57.27	52.16	0.10	2.38	Verificato
Beam 173: End 2: 1: sle	-54.68	44.81	0.03	4.44	Verificato
Beam 173: End 2: 3: Sle1	-41.88	33.20	0.01	3.36	Verificato
Beam 173: End 2: 4: sle2	-31.01	26.31	0.06	2.54	Verificato
Beam 173: End 2: 5: sle3	-31.44	26.68	0.06	2.57	Verificato
Beam 173: End 2: 6: sle4	-42.18	33.44	0.01	3.38	Verificato
Beam 173: End 2: 7: X	-22.01	17.41	0.05	1.73	Verificato
Beam 173: End 2: 8: Y	-30.21	24.94	0.10	2.41	Verificato
Beam 174: End 1: 1: sle	-39.86	36.72	0.08	1.27	Verificato
Beam 174: End 1: 3: Sle1	-31.88	29.03	0.08	0.99	Verificato
Beam 174: End 1: 4: sle2	-22.62	21.14	0.03	0.72	Verificato
Beam 174: End 1: 5: sle3	-22.26	20.79	0.02	0.71	Verificato
Beam 174: End 1: 6: sle4	-31.77	28.93	0.08	0.99	Verificato
Beam 174: End 1: 7: X	-18.44	16.93	0.04	0.56	Verificato
Beam 174: End 1: 8: Y	-21.76	20.11	0.05	0.67	Verificato
Beam 174: End 2: 1: sle	-27.5	24.19	0.08	1.31	Verificato
Beam 174: End 2: 3: Sle1	-22.12	19.10	0.08	1.03	Verificato
Beam 174: End 2: 4: sle2	-15.71	14.06	0.03	0.75	Verificato
Beam 174: End 2: 5: sle3	-15.47	13.83	0.02	0.75	Verificato
Beam 174: End 2: 6: sle4	-22.05	19.04	0.08	1.02	Verificato
Beam 174: End 2: 7: X	-12.93	11.25	0.04	0.59	Verificato
Beam 174: End 2: 8: Y	-15.17	13.35	0.05	0.71	Verificato
Beam 175: End 1: 1: sle	-38.94	34.97	0.10	1.57	Verificato
Beam 175: End 1: 3: Sle1	-31.26	27.63	0.09	1.24	Verificato
Beam 175: End 1: 4: sle2	-22.32	20.34	0.04	0.91	Verificato
Beam 175: End 1: 5: sle3	-22.01	20.03	0.03	0.90	Verificato
Beam 175: End 1: 6: sle4	-31.13	27.52	0.10	1.23	Verificato
Beam 175: End 1: 7: X	-18.28	16.26	0.05	0.71	Verificato
Beam 175: End 1: 8: Y	-21.47	19.29	0.06	0.85	Verificato
Beam 175: End 2: 1: sle	-20.75	16.60	0.10	1.61	Verificato
Beam 175: End 2: 3: Sle1	-16.81	13.01	0.09	1.28	Verificato
Beam 175: End 2: 4: sle2	-11.92	9.77	0.04	0.94	Verificato
Beam 175: End 2: 5: sle3	-11.76	9.62	0.03	0.93	Verificato
Beam 175: End 2: 6: sle4	-16.74	12.96	0.10	1.27	Verificato
Beam 175: End 2: 7: X	-9.91	7.72	0.05	0.75	Verificato
Beam 175: End 2: 8: Y	-11.55	9.19	0.06	0.89	Verificato
Beam 176: End 1: 1: sle	-2.82	-2.82	0.19	2.40	Verificato
Beam 176: End 1: 3: Sle1	-1.53	-1.53	0.10	1.40	Verificato
Beam 176: End 1: 4: sle2	-2.6	-2.60	0.15	1.94	Verificato
Beam 176: End 1: 5: sle3	-2.6	-2.60	0.16	1.95	Verificato
Beam 176: End 1: 6: sle4	-1.54	-1.54	0.09	1.40	Verificato
Beam 176: End 1: 7: X	-1.66	-1.66	0.07	1.34	Verificato
Beam 176: End 1: 8: Y	-1.57	-1.57	0.10	1.14	Verificato
Beam 176: End 2: 1: sle	-41.7	36.24	0.19	2.37	Verificato
Beam 176: End 2: 3: Sle1	-23.88	20.99	0.10	1.36	Verificato
Beam 176: End 2: 4: sle2	-33.92	28.90	0.15	1.91	Verificato
Beam 176: End 2: 5: sle3	-34.11	29.08	0.16	1.91	Verificato
Beam 176: End 2: 6: sle4	-23.95	21.06	0.09	1.37	Verificato
Beam 176: End 2: 7: X	-22.89	19.74	0.07	1.30	Verificato

Beam 176: End 2: 8: Y	-19.95	16.97	0.10	1.11	Verificato
Beam 177: End 1: 1: sle	-21.27	17.45	0.13	1.65	Verificato
Beam 177: End 1: 3: Sle1	-12.14	10.12	0.07	0.95	Verificato
Beam 177: End 1: 4: sle2	-17.36	13.84	0.10	1.33	Verificato
Beam 177: End 1: 5: sle3	-17.47	13.95	0.11	1.34	Verificato
Beam 177: End 1: 6: sle4	-12.16	10.13	0.06	0.96	Verificato
Beam 177: End 1: 7: X	-11.64	9.44	0.05	0.91	Verificato
Beam 177: End 1: 8: Y	-10.22	8.14	0.07	0.77	Verificato
Beam 177: End 2: 1: sle	-40.15	36.50	0.13	1.62	Verificato
Beam 177: End 2: 3: Sle1	-22.82	20.97	0.07	0.91	Verificato
Beam 177: End 2: 4: sle2	-32.49	29.14	0.10	1.29	Verificato
Beam 177: End 2: 5: sle3	-32.7	29.36	0.11	1.30	Verificato
Beam 177: End 2: 6: sle4	-22.86	21.01	0.06	0.92	Verificato
Beam 177: End 2: 7: X	-21.74	19.70	0.05	0.87	Verificato
Beam 177: End 2: 8: Y	-18.96	17.05	0.07	0.74	Verificato
Beam 178: End 1: 1: sle	-7.52	-7.52	0.10	6.29	Verificato
Beam 178: End 1: 3: Sle1	-3.42	-3.42	0.04	3.46	Verificato
Beam 178: End 1: 4: sle2	-6.81	-6.81	0.08	4.88	Verificato
Beam 178: End 1: 5: sle3	-6.8	-6.80	0.04	4.87	Verificato
Beam 178: End 1: 6: sle4	-3.41	-3.41	0.05	3.44	Verificato
Beam 178: End 1: 7: X	-3.85	-3.85	0.01	3.38	Verificato
Beam 178: End 1: 8: Y	-3.4	-3.40	0.04	2.39	Verificato
Beam 178: End 2: 1: sle	-107.26	92.38	0.10	6.25	Verificato
Beam 178: End 2: 3: Sle1	-58.05	51.39	0.04	3.42	Verificato
Beam 178: End 2: 4: sle2	-84.18	70.73	0.08	4.85	Verificato
Beam 178: End 2: 5: sle3	-83.78	70.35	0.04	4.84	Verificato
Beam 178: End 2: 6: sle4	-57.78	51.15	0.05	3.41	Verificato
Beam 178: End 2: 7: X	-56.95	49.42	0.01	3.34	Verificato
Beam 178: End 2: 8: Y	-41.15	34.54	0.04	2.36	Verificato
Beam 179: End 1: 1: sle	-54.26	43.83	0.07	4.35	Verificato
Beam 179: End 1: 3: Sle1	-29.21	24.54	0.03	2.39	Verificato
Beam 179: End 1: 4: sle2	-42.78	33.35	0.06	3.37	Verificato
Beam 179: End 1: 5: sle3	-42.52	33.11	0.03	3.37	Verificato
Beam 179: End 1: 6: sle4	-29.08	24.43	0.03	2.38	Verificato
Beam 179: End 1: 7: X	-28.71	23.43	0.01	2.33	Verificato
Beam 179: End 1: 8: Y	-20.92	16.29	0.03	1.65	Verificato
Beam 179: End 2: 1: sle	-102.59	92.33	0.07	4.31	Verificato
Beam 179: End 2: 3: Sle1	-55.58	51.08	0.03	2.35	Verificato
Beam 179: End 2: 4: sle2	-80.21	70.96	0.06	3.34	Verificato
Beam 179: End 2: 5: sle3	-79.71	70.48	0.03	3.33	Verificato
Beam 179: End 2: 6: sle4	-55.33	50.85	0.03	2.34	Verificato
Beam 179: End 2: 7: X	-54.27	49.17	0.01	2.29	Verificato
Beam 179: End 2: 8: Y	-39.04	34.58	0.03	1.61	Verificato
Beam 180: End 1: 1: sle	-6.04	-6.04	0.21	2.90	Verificato
Beam 180: End 1: 3: Sle1	-4.21	-4.21	0.15	1.95	Verificato
Beam 180: End 1: 4: sle2	-4.16	-4.16	0.15	1.95	Verificato
Beam 180: End 1: 5: sle3	-5.54	-5.54	0.21	2.59	Verificato
Beam 180: End 1: 6: sle4	-4.45	-4.45	0.17	2.07	Verificato
Beam 180: End 1: 7: X	-3.59	-3.59	0.16	2.65	Verificato

Beam 180: End 1: 8: Y	-2.77	-2.77	0.30	0.75	Verificato
Beam 180: End 2: 1: sle	-52.89	40.99	0.20	2.87	Verificato
Beam 180: End 2: 3: Sle1	-35.58	27.34	0.14	1.91	Verificato
Beam 180: End 2: 4: sle2	-35.57	27.43	0.14	1.92	Verificato
Beam 180: End 2: 5: sle3	-47.51	36.61	0.20	2.56	Verificato
Beam 180: End 2: 6: sle4	-37.9	29.18	0.16	2.03	Verificato
Beam 180: End 2: 7: X	-46.12	39.12	0.15	2.61	Verificato
Beam 180: End 2: 8: Y	-16.15	10.78	0.29	0.71	Verificato
Beam 181: End 1: 1: sle	-27.45	19.11	0.14	2.00	Verificato
Beam 181: End 1: 3: Sle1	-18.5	12.73	0.10	1.33	Verificato
Beam 181: End 1: 4: sle2	-18.48	12.78	0.09	1.34	Verificato
Beam 181: End 1: 5: sle3	-24.71	17.08	0.14	1.78	Verificato
Beam 181: End 1: 6: sle4	-19.72	13.61	0.11	1.42	Verificato
Beam 181: End 1: 7: X	-23.55	18.65	0.10	1.82	Verificato
Beam 181: End 1: 8: Y	-8.88	5.12	0.20	0.50	Verificato
Beam 181: End 2: 1: sle	-50.14	41.98	0.12	1.96	Verificato
Beam 181: End 2: 3: Sle1	-33.58	27.98	0.08	1.30	Verificato
Beam 181: End 2: 4: sle2	-33.57	28.05	0.08	1.30	Verificato
Beam 181: End 2: 5: sle3	-45.03	37.57	0.13	1.75	Verificato
Beam 181: End 2: 6: sle4	-35.84	29.91	0.10	1.38	Verificato
Beam 181: End 2: 7: X	-44.1	39.37	0.09	1.79	Verificato
Beam 181: End 2: 8: Y	-15.38	11.80	0.19	0.46	Verificato
Beam 182: End 1: 1: sle	-3.15	-3.15	0.01	2.65	Verificato
Beam 182: End 1: 3: Sle1	-2.85	-2.85	0.00	2.08	Verificato
Beam 182: End 1: 4: sle2	-1.71	-1.71	0.00	1.58	Verificato
Beam 182: End 1: 5: sle3	-3.16	-3.16	0.01	2.64	Verificato
Beam 182: End 1: 6: sle4	-3.15	-3.15	0.02	2.64	Verificato
Beam 182: End 1: 7: X	-1.89	-1.89	0.00	1.55	Verificato
Beam 182: End 1: 8: Y	-1.76	-1.76	0.01	1.32	Verificato
Beam 182: End 2: 1: sle	-44.75	38.62	0.01	2.61	Verificato
Beam 182: End 2: 3: Sle1	-35.33	29.80	0.01	2.04	Verificato
Beam 182: End 2: 4: sle2	-26.34	23.10	0.01	1.54	Verificato
Beam 182: End 2: 5: sle3	-44.6	38.45	0.01	2.60	Verificato
Beam 182: End 2: 6: sle4	-44.64	38.51	0.02	2.60	Verificato
Beam 182: End 2: 7: X	-26.02	22.42	0.01	1.51	Verificato
Beam 182: End 2: 8: Y	-22.35	19.00	0.01	1.28	Verificato
Beam 183: End 1: 1: sle	-22.58	18.29	0.01	1.83	Verificato
Beam 183: End 1: 3: Sle1	-17.9	14.03	0.00	1.42	Verificato
Beam 183: End 1: 4: sle2	-13.26	10.98	0.00	1.08	Verificato
Beam 183: End 1: 5: sle3	-22.51	18.20	0.00	1.82	Verificato
Beam 183: End 1: 6: sle4	-22.54	18.25	0.01	1.82	Verificato
Beam 183: End 1: 7: X	-13.14	10.61	0.00	1.06	Verificato
Beam 183: End 1: 8: Y	-11.32	8.97	0.01	0.90	Verificato
Beam 183: End 2: 1: sle	-42.53	38.41	0.01	1.79	Verificato
Beam 183: End 2: 3: Sle1	-33.4	29.70	0.00	1.39	Verificato
Beam 183: End 2: 4: sle2	-24.93	22.83	0.00	1.04	Verificato
Beam 183: End 2: 5: sle3	-42.37	38.24	0.00	1.78	Verificato
Beam 183: End 2: 6: sle4	-42.45	38.33	0.01	1.78	Verificato
Beam 183: End 2: 7: X	-24.56	22.21	0.00	1.02	Verificato

Beam 183: End 2: 8: Y	-21.02	18.85	0.01	0.86	Verificato
Beam 184: End 1: 1: sle	-37.95	25.81	0.00	2.86	Verificato
Beam 184: End 1: 3: Sle1	-25.2	17.11	0.00	1.91	Verificato
Beam 184: End 1: 4: sle2	-25.31	17.21	0.00	1.92	Verificato
Beam 184: End 1: 5: sle3	-31.3	21.91	0.00	2.11	Verificato
Beam 184: End 1: 6: sle4	-31.24	21.84	0.00	2.11	Verificato
Beam 184: End 1: 7: X	-19.45	13.78	0.02	1.36	Verificato
Beam 184: End 1: 8: Y	-44.47	37.49	0.01	2.23	Verificato
Beam 184: End 2: 1: sle	-49.1	36.96	0.00	2.90	Verificato
Beam 184: End 2: 3: Sle1	-32.71	24.61	0.00	1.96	Verificato
Beam 184: End 2: 4: sle2	-32.81	24.70	0.00	1.96	Verificato
Beam 184: End 2: 5: sle3	-39.59	30.18	0.00	2.15	Verificato
Beam 184: End 2: 6: sle4	-39.46	30.05	0.00	2.15	Verificato
Beam 184: End 2: 7: X	-24.67	18.98	0.02	1.41	Verificato
Beam 184: End 2: 8: Y	-53.32	46.33	0.01	2.28	Verificato
Beam 185: End 1: 1: sle	-44.97	40.88	0.00	2.11	Verificato
Beam 185: End 1: 3: Sle1	-30.61	27.74	0.01	1.42	Verificato
Beam 185: End 1: 4: sle2	-30.58	27.71	0.00	1.42	Verificato
Beam 185: End 1: 5: sle3	-34.21	31.16	0.01	1.59	Verificato
Beam 185: End 1: 6: sle4	-34.21	31.14	0.01	1.59	Verificato
Beam 185: End 1: 7: X	-22.04	19.90	0.00	1.01	Verificato
Beam 185: End 1: 8: Y	-38.94	36.58	0.01	1.85	Verificato
Beam 185: End 2: 1: sle	-63.46	59.54	0.00	2.06	Verificato
Beam 185: End 2: 3: Sle1	-42.98	40.27	0.01	1.37	Verificato
Beam 185: End 2: 4: sle2	-42.93	40.23	0.00	1.37	Verificato
Beam 185: End 2: 5: sle3	-48.15	45.26	0.01	1.54	Verificato
Beam 185: End 2: 6: sle4	-48.14	45.24	0.01	1.54	Verificato
Beam 185: End 2: 7: X	-30.76	28.78	0.00	0.96	Verificato
Beam 185: End 2: 8: Y	-55.15	52.95	0.01	1.80	Verificato
Beam 186: End 1: 1: sle	-3.71	-3.71	0.00	3.77	Verificato
Beam 186: End 1: 3: Sle1	-2.67	-2.67	0.01	2.58	Verificato
Beam 186: End 1: 4: sle2	-2.67	-2.67	0.01	2.58	Verificato
Beam 186: End 1: 5: sle3	-2.82	-2.82	0.02	2.88	Verificato
Beam 186: End 1: 6: sle4	-2.83	-2.83	0.02	2.87	Verificato
Beam 186: End 1: 7: X	-2.05	-2.05	0.00	1.87	Verificato
Beam 186: End 1: 8: Y	-2.23	-2.23	0.02	3.32	Verificato
Beam 186: End 2: 1: sle	-73.84	66.63	0.00	3.71	Verificato
Beam 186: End 2: 3: Sle1	-50.41	45.27	0.01	2.52	Verificato
Beam 186: End 2: 4: sle2	-50.38	45.24	0.01	2.52	Verificato
Beam 186: End 2: 5: sle3	-56.23	50.78	0.02	2.81	Verificato
Beam 186: End 2: 6: sle4	-56.19	50.72	0.02	2.81	Verificato
Beam 186: End 2: 7: X	-36.51	32.62	0.00	1.81	Verificato
Beam 186: End 2: 8: Y	-63.86	59.60	0.02	3.25	Verificato
Beam 187: End 1: 1: sle	-36.95	31.89	0.00	2.59	Verificato
Beam 187: End 1: 3: Sle1	-25.26	21.66	0.01	1.76	Verificato
Beam 187: End 1: 4: sle2	-25.24	21.64	0.00	1.76	Verificato
Beam 187: End 1: 5: sle3	-28.15	24.33	0.01	1.96	Verificato
Beam 187: End 1: 6: sle4	-28.15	24.31	0.02	1.96	Verificato
Beam 187: End 1: 7: X	-18.3	15.58	0.00	1.27	Verificato

Beam 187: End 1: 8: Y	-31.77	28.78	0.01	2.27	Verificato
Beam 187: End 2: 1: sle	-64.26	59.36	0.00	2.54	Verificato
Beam 187: End 2: 3: Sle1	-43.71	40.27	0.01	1.71	Verificato
Beam 187: End 2: 4: sle2	-43.67	40.24	0.00	1.71	Verificato
Beam 187: End 2: 5: sle3	-48.86	45.20	0.01	1.92	Verificato
Beam 187: End 2: 6: sle4	-48.85	45.17	0.02	1.91	Verificato
Beam 187: End 2: 7: X	-31.48	28.91	0.00	1.22	Verificato
Beam 187: End 2: 8: Y	-55.76	52.93	0.01	2.22	Verificato

6.3. VERIFICA CATENE IN ACCIAIO

	Max Fibre Stress (kg/cm ²)	Verifica < 1900 kg/cm ²
Beam 156: End 1: 1: sle	0	Verificato
Beam 156: End 1: 3: Sle1	0.69	Verificato
Beam 156: End 1: 4: sle2	0.69	Verificato
Beam 156: End 1: 5: sle3	0	Verificato
Beam 156: End 1: 6: sle4	0	Verificato
Beam 156: End 1: 7: X	4.19	Verificato
Beam 156: End 1: 8: Y	4.4	Verificato
Beam 156: End 1: 9: -X	4.18	Verificato
Beam 156: End 1: 10: -Y	4.15	Verificato
Beam 156: End 2: 1: sle	0	Verificato
Beam 156: End 2: 3: Sle1	0.69	Verificato
Beam 156: End 2: 4: sle2	0.69	Verificato
Beam 156: End 2: 5: sle3	0	Verificato
Beam 156: End 2: 6: sle4	0	Verificato
Beam 156: End 2: 7: X	4.19	Verificato
Beam 156: End 2: 8: Y	4.4	Verificato
Beam 156: End 2: 9: -X	4.18	Verificato
Beam 156: End 2: 10: -Y	4.15	Verificato
Beam 157: End 1: 1: sle	1686.17	Verificato
Beam 157: End 1: 3: Sle1	1134.77	Verificato
Beam 157: End 1: 4: sle2	1134.89	Verificato
Beam 157: End 1: 5: sle3	1321.28	Verificato
Beam 157: End 1: 6: sle4	1322.26	Verificato
Beam 157: End 1: 7: X	807.65	Verificato
Beam 157: End 1: 8: Y	783.79	Verificato
Beam 157: End 1: 9: -X	809.62	Verificato
Beam 157: End 1: 10: -Y	812.9	Verificato
Beam 157: End 2: 1: sle	1686.17	Verificato
Beam 157: End 2: 3: Sle1	1134.77	Verificato
Beam 157: End 2: 4: sle2	1134.89	Verificato
Beam 157: End 2: 5: sle3	1321.28	Verificato
Beam 157: End 2: 6: sle4	1322.26	Verificato
Beam 157: End 2: 7: X	807.65	Verificato
Beam 157: End 2: 8: Y	783.79	Verificato

Beam 157: End 2: 9: -X	809.62	Verificato
Beam 157: End 2: 10: -Y	812.9	Verificato
Beam 158: End 1: 1: sle	1688.81	Verificato
Beam 158: End 1: 3: Sle1	1136.65	Verificato
Beam 158: End 1: 4: sle2	1136.57	Verificato
Beam 158: End 1: 5: sle3	1323.17	Verificato
Beam 158: End 1: 6: sle4	1324.52	Verificato
Beam 158: End 1: 7: X	809.01	Verificato
Beam 158: End 1: 8: Y	785.02	Verificato
Beam 158: End 1: 9: -X	810.8	Verificato
Beam 158: End 1: 10: -Y	814.19	Verificato
Beam 158: End 2: 1: sle	1688.81	Verificato
Beam 158: End 2: 3: Sle1	1136.65	Verificato
Beam 158: End 2: 4: sle2	1136.57	Verificato
Beam 158: End 2: 5: sle3	1323.17	Verificato
Beam 158: End 2: 6: sle4	1324.52	Verificato
Beam 158: End 2: 7: X	809.01	Verificato
Beam 158: End 2: 8: Y	785.02	Verificato
Beam 158: End 2: 9: -X	810.8	Verificato
Beam 158: End 2: 10: -Y	814.19	Verificato
Beam 159: End 1: 1: sle	1280.56	Verificato
Beam 159: End 1: 3: Sle1	862.2	Verificato
Beam 159: End 1: 4: sle2	862.22	Verificato
Beam 159: End 1: 5: sle3	1003.49	Verificato
Beam 159: End 1: 6: sle4	1004.38	Verificato
Beam 159: End 1: 7: X	613.98	Verificato
Beam 159: End 1: 8: Y	595.6	Verificato
Beam 159: End 1: 9: -X	615.42	Verificato
Beam 159: End 1: 10: -Y	618.04	Verificato
Beam 159: End 2: 1: sle	1280.56	Verificato
Beam 159: End 2: 3: Sle1	862.2	Verificato
Beam 159: End 2: 4: sle2	862.22	Verificato
Beam 159: End 2: 5: sle3	1003.49	Verificato
Beam 159: End 2: 6: sle4	1004.38	Verificato
Beam 159: End 2: 7: X	613.98	Verificato
Beam 159: End 2: 8: Y	595.6	Verificato
Beam 159: End 2: 9: -X	615.42	Verificato
Beam 159: End 2: 10: -Y	618.04	Verificato
Beam 188: End 1: 1: sle	10.64	Verificato
Beam 188: End 1: 3: Sle1	16.81	Verificato
Beam 188: End 1: 4: sle2	9.33	Verificato
Beam 188: End 1: 5: sle3	53.58	Verificato
Beam 188: End 1: 6: sle4	58.53	Verificato
Beam 188: End 1: 7: X	120.3	Verificato
Beam 188: End 1: 8: Y	329.87	Verificato
Beam 188: End 1: 9: -X	0	Verificato
Beam 188: End 1: 10: -Y	0	Verificato
Beam 188: End 2: 1: sle	10.64	Verificato
Beam 188: End 2: 3: Sle1	16.81	Verificato

Beam 188: End 2: 4: sle2	9.33	Verificato
Beam 188: End 2: 5: sle3	53.58	Verificato
Beam 188: End 2: 6: sle4	58.53	Verificato
Beam 188: End 2: 7: X	120.3	Verificato
Beam 188: End 2: 8: Y	329.87	Verificato
Beam 188: End 2: 9: -X	0	Verificato
Beam 188: End 2: 10: -Y	0	Verificato
Beam 189: End 1: 1: sle	0	Verificato
Beam 189: End 1: 3: Sle1	0	Verificato
Beam 189: End 1: 4: sle2	0	Verificato
Beam 189: End 1: 5: sle3	0	Verificato
Beam 189: End 1: 6: sle4	0	Verificato
Beam 189: End 1: 7: X	0	Verificato
Beam 189: End 1: 8: Y	0	Verificato
Beam 189: End 1: 9: -X	0	Verificato
Beam 189: End 1: 10: -Y	0	Verificato
Beam 189: End 2: 1: sle	0	Verificato
Beam 189: End 2: 3: Sle1	0	Verificato
Beam 189: End 2: 4: sle2	0	Verificato
Beam 189: End 2: 5: sle3	0	Verificato
Beam 189: End 2: 6: sle4	0	Verificato
Beam 189: End 2: 7: X	0	Verificato
Beam 189: End 2: 8: Y	0	Verificato
Beam 189: End 2: 9: -X	0	Verificato
Beam 189: End 2: 10: -Y	0	Verificato
Beam 190: End 1: 1: sle	0	Verificato
Beam 190: End 1: 3: Sle1	0	Verificato
Beam 190: End 1: 4: sle2	0	Verificato
Beam 190: End 1: 5: sle3	0	Verificato
Beam 190: End 1: 6: sle4	0	Verificato
Beam 190: End 1: 7: X	183.84	Verificato
Beam 190: End 1: 8: Y	0	Verificato
Beam 190: End 1: 9: -X	0	Verificato
Beam 190: End 1: 10: -Y	0	Verificato
Beam 190: End 2: 1: sle	0	Verificato
Beam 190: End 2: 3: Sle1	0	Verificato
Beam 190: End 2: 4: sle2	0	Verificato
Beam 190: End 2: 5: sle3	0	Verificato
Beam 190: End 2: 6: sle4	0	Verificato
Beam 190: End 2: 7: X	183.84	Verificato
Beam 190: End 2: 8: Y	0	Verificato
Beam 190: End 2: 9: -X	0	Verificato
Beam 190: End 2: 10: -Y	0	Verificato
Beam 191: End 1: 1: sle	155.81	Verificato
Beam 191: End 1: 3: Sle1	108.36	Verificato
Beam 191: End 1: 4: sle2	92.19	Verificato
Beam 191: End 1: 5: sle3	52.52	Verificato
Beam 191: End 1: 6: sle4	89.74	Verificato
Beam 191: End 1: 7: X	0	Verificato

Beam 191: End 1: 8: Y	7.26	Verificato
Beam 191: End 1: 9: -X	179.31	Verificato
Beam 191: End 1: 10: -Y	16.99	Verificato
Beam 191: End 2: 1: sle	155.81	Verificato
Beam 191: End 2: 3: Sle1	108.36	Verificato
Beam 191: End 2: 4: sle2	92.19	Verificato
Beam 191: End 2: 5: sle3	52.52	Verificato
Beam 191: End 2: 6: sle4	89.74	Verificato
Beam 191: End 2: 7: X	0	Verificato
Beam 191: End 2: 8: Y	7.26	Verificato
Beam 191: End 2: 9: -X	179.31	Verificato
Beam 191: End 2: 10: -Y	16.99	Verificato
Beam 192: End 1: 1: sle	167.63	Verificato
Beam 192: End 1: 3: Sle1	97.77	Verificato
Beam 192: End 1: 4: sle2	118.57	Verificato
Beam 192: End 1: 5: sle3	100.47	Verificato
Beam 192: End 1: 6: sle4	58.21	Verificato
Beam 192: End 1: 7: X	190.59	Verificato
Beam 192: End 1: 8: Y	17.74	Verificato
Beam 192: End 1: 9: -X	0	Verificato
Beam 192: End 1: 10: -Y	11.2	Verificato
Beam 192: End 2: 1: sle	167.63	Verificato
Beam 192: End 2: 3: Sle1	97.77	Verificato
Beam 192: End 2: 4: sle2	118.57	Verificato
Beam 192: End 2: 5: sle3	100.47	Verificato
Beam 192: End 2: 6: sle4	58.21	Verificato
Beam 192: End 2: 7: X	190.59	Verificato
Beam 192: End 2: 8: Y	17.74	Verificato
Beam 192: End 2: 9: -X	0	Verificato
Beam 192: End 2: 10: -Y	11.2	Verificato
Beam 193: End 1: 1: sle	0	Verificato
Beam 193: End 1: 3: Sle1	0	Verificato
Beam 193: End 1: 4: sle2	0	Verificato
Beam 193: End 1: 5: sle3	0	Verificato
Beam 193: End 1: 6: sle4	0	Verificato
Beam 193: End 1: 7: X	0	Verificato
Beam 193: End 1: 8: Y	0	Verificato
Beam 193: End 1: 9: -X	186.25	Verificato
Beam 193: End 1: 10: -Y	0	Verificato
Beam 193: End 2: 1: sle	0	Verificato
Beam 193: End 2: 3: Sle1	0	Verificato
Beam 193: End 2: 4: sle2	0	Verificato
Beam 193: End 2: 5: sle3	0	Verificato
Beam 193: End 2: 6: sle4	0	Verificato
Beam 193: End 2: 7: X	0	Verificato
Beam 193: End 2: 8: Y	0	Verificato
Beam 193: End 2: 9: -X	186.25	Verificato
Beam 193: End 2: 10: -Y	0	Verificato
Beam 194: End 1: 1: sle	19.36	Verificato

Beam 194: End 1: 3: Sle1	16.27	Verificato
Beam 194: End 1: 4: sle2	21.28	Verificato
Beam 194: End 1: 5: sle3	66.52	Verificato
Beam 194: End 1: 6: sle4	63.54	Verificato
Beam 194: End 1: 7: X	0	Verificato
Beam 194: End 1: 8: Y	339.03	Verificato
Beam 194: End 1: 9: -X	127.1	Verificato
Beam 194: End 1: 10: -Y	0	Verificato
Beam 194: End 2: 1: sle	19.36	Verificato
Beam 194: End 2: 3: Sle1	16.27	Verificato
Beam 194: End 2: 4: sle2	21.28	Verificato
Beam 194: End 2: 5: sle3	66.52	Verificato
Beam 194: End 2: 6: sle4	63.54	Verificato
Beam 194: End 2: 7: X	0	Verificato
Beam 194: End 2: 8: Y	339.03	Verificato
Beam 194: End 2: 9: -X	127.1	Verificato
Beam 194: End 2: 10: -Y	0	Verificato
Beam 195: End 1: 1: sle	0	Verificato
Beam 195: End 1: 3: Sle1	0	Verificato
Beam 195: End 1: 4: sle2	0	Verificato
Beam 195: End 1: 5: sle3	0	Verificato
Beam 195: End 1: 6: sle4	0	Verificato
Beam 195: End 1: 7: X	0	Verificato
Beam 195: End 1: 8: Y	0	Verificato
Beam 195: End 1: 9: -X	0	Verificato
Beam 195: End 1: 10: -Y	0	Verificato
Beam 195: End 2: 1: sle	0	Verificato
Beam 195: End 2: 3: Sle1	0	Verificato
Beam 195: End 2: 4: sle2	0	Verificato
Beam 195: End 2: 5: sle3	0	Verificato
Beam 195: End 2: 6: sle4	0	Verificato
Beam 195: End 2: 7: X	0	Verificato
Beam 195: End 2: 8: Y	0	Verificato
Beam 195: End 2: 9: -X	0	Verificato
Beam 195: End 2: 10: -Y	0	Verificato
Beam 196: End 1: 1: sle	0	Verificato
Beam 196: End 1: 3: Sle1	0	Verificato
Beam 196: End 1: 4: sle2	0	Verificato
Beam 196: End 1: 5: sle3	0	Verificato
Beam 196: End 1: 6: sle4	0	Verificato
Beam 196: End 1: 7: X	0	Verificato
Beam 196: End 1: 8: Y	0	Verificato
Beam 196: End 1: 9: -X	0	Verificato
Beam 196: End 1: 10: -Y	139.8	Verificato
Beam 196: End 2: 1: sle	0	Verificato
Beam 196: End 2: 3: Sle1	0	Verificato
Beam 196: End 2: 4: sle2	0	Verificato
Beam 196: End 2: 5: sle3	0	Verificato
Beam 196: End 2: 6: sle4	0	Verificato

Beam 196: End 2: 7: X	0	Verificato
Beam 196: End 2: 8: Y	0	Verificato
Beam 196: End 2: 9: -X	0	Verificato
Beam 196: End 2: 10: -Y	139.8	Verificato
Beam 197: End 1: 1: sle	21.21	Verificato
Beam 197: End 1: 3: Sle1	35.5	Verificato
Beam 197: End 1: 4: sle2	8.21	Verificato
Beam 197: End 1: 5: sle3	95.8	Verificato
Beam 197: End 1: 6: sle4	80.85	Verificato
Beam 197: End 1: 7: X	0	Verificato
Beam 197: End 1: 8: Y	239.73	Verificato
Beam 197: End 1: 9: -X	205.1	Verificato
Beam 197: End 1: 10: -Y	0	Verificato
Beam 197: End 2: 1: sle	21.21	Verificato
Beam 197: End 2: 3: Sle1	35.5	Verificato
Beam 197: End 2: 4: sle2	8.21	Verificato
Beam 197: End 2: 5: sle3	95.8	Verificato
Beam 197: End 2: 6: sle4	80.85	Verificato
Beam 197: End 2: 7: X	0	Verificato
Beam 197: End 2: 8: Y	239.73	Verificato
Beam 197: End 2: 9: -X	205.1	Verificato
Beam 197: End 2: 10: -Y	0	Verificato
Beam 198: End 1: 1: sle	0	Verificato
Beam 198: End 1: 3: Sle1	0	Verificato
Beam 198: End 1: 4: sle2	0	Verificato
Beam 198: End 1: 5: sle3	0	Verificato
Beam 198: End 1: 6: sle4	0	Verificato
Beam 198: End 1: 7: X	0	Verificato
Beam 198: End 1: 8: Y	0	Verificato
Beam 198: End 1: 9: -X	0	Verificato
Beam 198: End 1: 10: -Y	136.62	Verificato
Beam 198: End 2: 1: sle	0	Verificato
Beam 198: End 2: 3: Sle1	0	Verificato
Beam 198: End 2: 4: sle2	0	Verificato
Beam 198: End 2: 5: sle3	0	Verificato
Beam 198: End 2: 6: sle4	0	Verificato
Beam 198: End 2: 7: X	0	Verificato
Beam 198: End 2: 8: Y	0	Verificato
Beam 198: End 2: 9: -X	0	Verificato
Beam 198: End 2: 10: -Y	136.62	Verificato
Beam 199: End 1: 1: sle	4.11	Verificato
Beam 199: End 1: 3: Sle1	0	Verificato
Beam 199: End 1: 4: sle2	21.21	Verificato
Beam 199: End 1: 5: sle3	65.63	Verificato
Beam 199: End 1: 6: sle4	83.8	Verificato
Beam 199: End 1: 7: X	196.19	Verificato
Beam 199: End 1: 8: Y	223.16	Verificato
Beam 199: End 1: 9: -X	0	Verificato
Beam 199: End 1: 10: -Y	0	Verificato

Beam 199: End 2: 1: sle	4.11	Verificato
Beam 199: End 2: 3: Sle1	0	Verificato
Beam 199: End 2: 4: sle2	21.21	Verificato
Beam 199: End 2: 5: sle3	65.63	Verificato
Beam 199: End 2: 6: sle4	83.8	Verificato
Beam 199: End 2: 7: X	196.19	Verificato
Beam 199: End 2: 8: Y	223.16	Verificato
Beam 199: End 2: 9: -X	0	Verificato
Beam 199: End 2: 10: -Y	0	Verificato

6.4. VERIFICA SPOSTAMENTI

Gli spostamenti massimi ammissibili per una copertura di questo genere sono dell'ordine di $1/250$ della luce netta del singolo elemento considerando. I valori specifici risultano i seguenti:

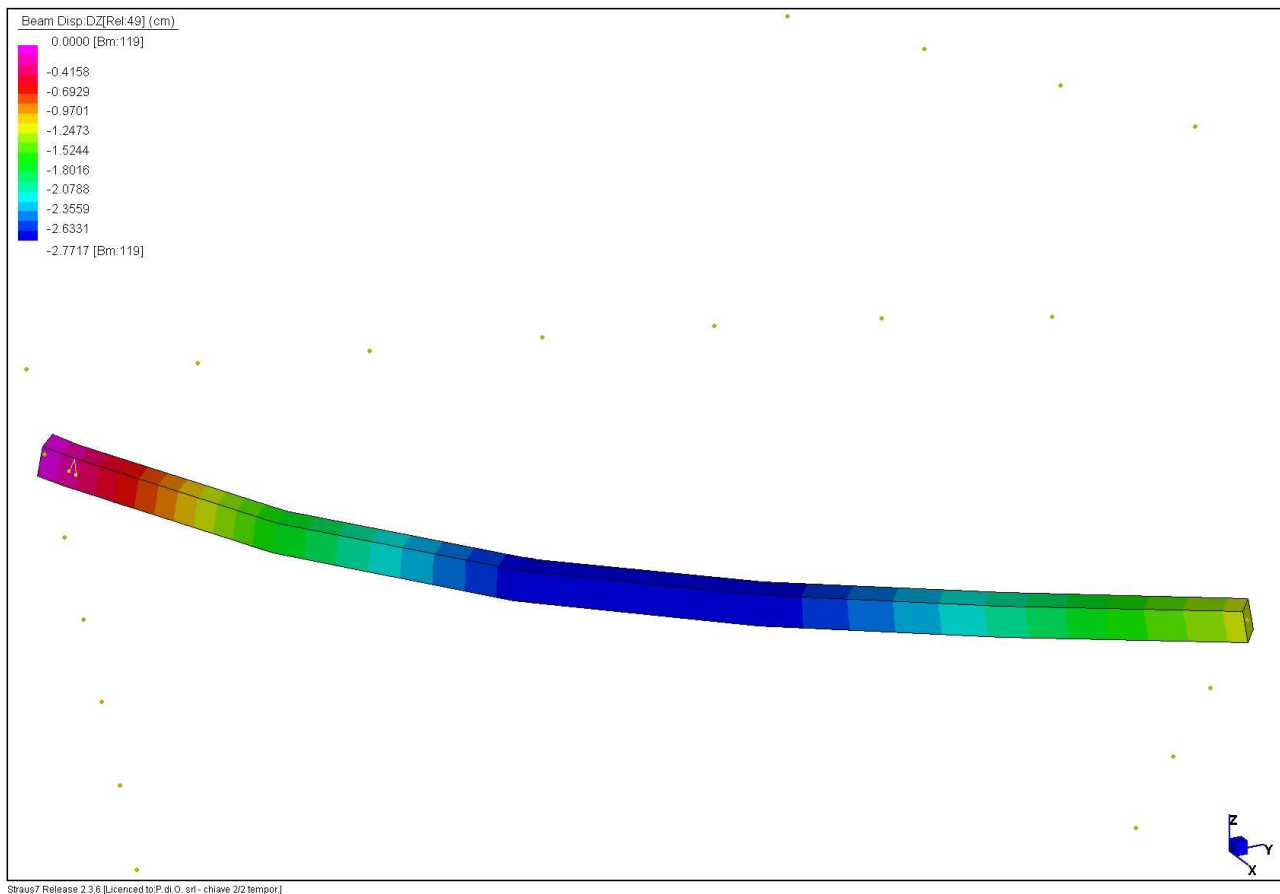
Portale:	luce max	1000 cm	freccia max amm.	$1000/250 = 4.00$ cm
Arcareccio	luce max	817 cm	freccia max amm.	$817/250 = 3.27$ cm

Dalle immagini di seguito riportate si possono estrapolare i valori massi di deformazione.



Straus7 Release 2.3.6 [Licenced to P.d.O. srl - chiave 1/2 tempor.]

DEFORMAZIONE PORTALI



DEFORMAZIONE ARCARECCIO

Verifica portale $DZ = 3.56 \text{ cm} < 4.00 \text{ cm}$

Verificato

Verifica arcareccio $DZ = 2.27 \text{ cm} < 3.27 \text{ cm}$

Verificato

6.5. REAZIONI VINCOLARI

	FX (kgf)	FY (kgf)	FZ (kgf)	MX (kgfcm)	MY (kgfcm)	MZ (kgfcm)
Node 7: 1: sle	-119.57	669.85	7069.87	0	0	0
Node 7: 2: slu	-169.93	985.31	10311.71	0	0	0
Node 7: 3: Sle1	-38.99	438.07	4913.03	0	0	0
Node 7: 4: sle2	-56.41	441.25	4857.35	0	0	0
Node 7: 5: sle3	-70.22	581.25	6470.89	0	0	0
Node 7: 6: sle4	-52.72	457.54	5195.93	0	0	0
Node 7: 7: X	-685.29	619.37	4384.19	0	0	0
Node 7: 8: Y	276.32	12.02	3149.25	0	0	0
Node 111: 1: sle	92.16	711.23	7056.19	0	0	0
Node 111: 2: slu	130.95	1046.79	10293.31	0	0	0
Node 111: 3: Sle1	37.44	468.76	4845.49	0	0	0
Node 111: 4: sle2	20.04	466.04	4905.41	0	0	0
Node 111: 5: sle3	33.7	490.49	5190.27	0	0	0
Node 111: 6: sle4	55.32	617.82	6464.45	0	0	0

Node 111: 7: X	-694.77	4.4	2749.63	0	0	0
Node 111: 8: Y	-296.4	42.57	3138.67	0	0	0
Node 126: 1: sle	-9.91	-1015.47	4912.05	0	0	0
Node 126: 2: slu	-14.72	-1550.11	7193.08	0	0	0
Node 126: 3: Sle1	-12.18	-639.95	3497.84	0	0	0
Node 126: 4: sle2	-0.44	-641.66	3493.59	0	0	0
Node 126: 5: sle3	5.67	-778.15	3742.62	0	0	0
Node 126: 6: sle4	-21.92	-771.14	3750.81	0	0	0
Node 126: 7: X	7.47	-422.46	2650.65	0	0	0
Node 126: 8: Y	1.14	-1326.57	3254.96	0	0	0
Node 182: 1: sle	-926.22	17.75	3940.3	0	0	0
Node 182: 2: slu	-1360.69	35.63	5738.4	0	0	0
Node 182: 3: Sle1	-608.07	11.29	3497.69	0	0	0
Node 182: 4: sle2	-606.16	8.18	2164.98	0	0	0
Node 182: 5: sle3	-917.61	7.28	3945.43	0	0	0
Node 182: 6: sle4	-918.69	21.57	3937.5	0	0	0
Node 182: 7: X	-526.87	7.56	2352.86	0	0	0
Node 182: 8: Y	-405.37	19.54	2167.1	0	0	0
Node 184: 1: sle	-1457.16	1595.53	9403.07	0	0	0
Node 184: 2: slu	-2129.91	2352.28	13754.02	0	0	0
Node 184: 3: Sle1	-978.58	1034.6	4392.91	0	0	0
Node 184: 4: sle2	-922.74	1030.74	8340.62	0	0	0
Node 184: 5: sle3	-939.15	1012.28	8326.75	0	0	0
Node 184: 6: sle4	-969.94	1030.58	4376.17	0	0	0
Node 184: 7: X	-848.51	882.84	4845.76	0	0	0
Node 184: 8: Y	-486.19	464.06	4148.59	0	0	0
Node 199: 1: sle	-697.49	508.07	3528.83	0	0	0
Node 199: 2: slu	-1024.88	752.48	5138.21	0	0	0
Node 199: 3: Sle1	-424.8	323.94	1936.21	0	0	0
Node 199: 4: sle2	-492.68	343.84	3196.7	0	0	0
Node 199: 5: sle3	-501.41	339.97	3198.9	0	0	0
Node 199: 6: sle4	-422.65	333.18	1942.14	0	0	0
Node 199: 7: X	-348.53	282.22	2063.35	0	0	0
Node 199: 8: Y	-286.05	190.32	1927.94	0	0	0
Node 200: 1: sle	926.87	3.42	3927.66	0	0	0
Node 200: 2: slu	1361.82	12.86	5719.67	0	0	0
Node 200: 3: Sle1	608.46	-1.19	2154.45	0	0	0
Node 200: 4: sle2	606.56	1.6	3490.6	0	0	0
Node 200: 5: sle3	918.17	11.36	3922.51	0	0	0
Node 200: 6: sle4	919.22	-5.88	3930.44	0	0	0
Node 200: 7: X	289.92	-2.4	1972.64	0	0	0
Node 200: 8: Y	405.93	-0.72	2158.3	0	0	0
Node 202: 1: sle	1485.7	1549.61	9358.88	0	0	0
Node 202: 2: slu	2169.22	2281.65	13684.85	0	0	0
Node 202: 3: Sle1	941.18	996.93	8313.1	0	0	0
Node 202: 4: sle2	999.16	1009.08	4364.68	0	0	0
Node 202: 5: sle3	989.51	1006.13	4349.52	0	0	0
Node 202: 6: sle4	958.86	979.08	8303.78	0	0	0
Node 202: 7: X	445.04	500.49	4219.77	0	0	0

Node 202: 8: Y	492.89	437.21	4135.13	0	0	0
Node 204: 1: sle	-1643.31	-1707.59	9058.57	0	0	0
Node 204: 2: slu	-2427.93	-2508.41	13284.3	0	0	0
Node 204: 3: Sle1	-1050.02	-1156.67	4508.8	0	0	0
Node 204: 4: sle2	-1082.98	-1078.38	7803.76	0	0	0
Node 204: 5: sle3	-1079.94	-1095.7	7856.98	0	0	0
Node 204: 6: sle4	-1064.74	-1171.56	4557.33	0	0	0
Node 204: 7: X	-924.95	-957.46	4664.39	0	0	0
Node 204: 8: Y	-842.17	-980.82	4906.71	0	0	0
Node 206: 1: sle	1662.22	-1681.93	8992.47	0	0	0
Node 206: 2: slu	2454.87	-2470.86	13183.52	0	0	0
Node 206: 3: Sle1	1093.13	-1059.9	7762.72	0	0	0
Node 206: 4: sle2	1065.9	-1142.47	4464.9	0	0	0
Node 206: 5: sle3	1082.75	-1160.15	4515.06	0	0	0
Node 206: 6: sle4	1090.03	-1080.97	7814.83	0	0	0
Node 206: 7: X	516.79	-571.22	4142.92	0	0	0
Node 206: 8: Y	861.24	-983.83	4871.12	0	0	0
Node 207: 1: sle	688.82	510.82	3554.35	0	0	0
Node 207: 2: slu	1012.97	757.95	5178.72	0	0	0
Node 207: 3: Sle1	487.73	346.26	3212.6	0	0	0
Node 207: 4: sle2	418.25	323.61	1952.03	0	0	0
Node 207: 5: sle3	415.36	333.37	1957.63	0	0	0
Node 207: 6: sle4	497.17	340.16	3213.57	0	0	0
Node 207: 7: X	269.16	191.63	1928	0	0	0
Node 207: 8: Y	283.26	184.76	1936.35	0	0	0
Node 208: 1: sle	-455.2	-567.93	3738.42	0	0	0
Node 208: 2: slu	-671.09	-828.54	5438.89	0	0	0
Node 208: 3: Sle1	-325.33	-360.78	2016.65	0	0	0
Node 208: 4: sle2	-270	-384.66	3381.88	0	0	0
Node 208: 5: sle3	-261.17	-383.56	3365.35	0	0	0
Node 208: 6: sle4	-328.76	-348.59	2007.68	0	0	0
Node 208: 7: X	-224.86	-296.03	2149.55	0	0	0
Node 208: 8: Y	-244.55	-299.06	2162.91	0	0	0
Node 209: 1: sle	453.09	-593.36	3760.87	0	0	0
Node 209: 2: slu	669.33	-867.02	5474.8	0	0	0
Node 209: 3: Sle1	270.04	-401.35	3395.41	0	0	0
Node 209: 4: sle2	321.5	-377.16	2030.71	0	0	0
Node 209: 5: sle3	324.35	-364.57	2023.11	0	0	0
Node 209: 6: sle4	258.82	-401.79	3379.9	0	0	0
Node 209: 7: X	169.31	-238.93	2009.3	0	0	0
Node 209: 8: Y	239.97	-315.56	2175.97	0	0	0

6.6. VERIFICA PLINTO

6.6.1. PLINTO NORMALE DIRETTO

BASE = 120 cm
 ALTEZZA = 120 cm - peso terreno = 280.8 daN
 SPESSORE = 30 cm - peso plinto = 1570 daN

Armatura inf. orizz. = 5.65 cm²

Armatura inf. vert. = 5.65 cm²

DATI GEOTECNICI:

Ang. attr. [°]	Coesione [daN/cm ²]	Peso terr. [daN/cm ³]	Coeff. sicur.
35	0	0.0018	3

Parametri di calcolo pressione limite (Brinch-Hansen):

Nc	Nq	Ng
46.124	33.296	48.029

Sollecitazioni sul plinto:

N = -9806.65 daN	Mx = 0 daNcm	My = 0 daNcm
Tx = 2451.6625 daN	Ty = 0 daN	

Sollecitazioni sul sottoplinto:

N = -10886.65 daN	Mx = 0 daNcm	My = 73549.88 daNcm
-------------------	--------------	---------------------

Sollecitazioni sul terreno:

N = -11657.45 daN	Mx = 0 daNcm	My = 98066.5 daNcm
-------------------	--------------	--------------------

Fattori correttivi per qlim:

	Coesione	Sovr.	gamma
di inclinazione:	0.696	0.696	0.550
di affondamento:	1.478	1.083	1.000
di forma :	1.351	1.351	0.648
di inerzia :	0.920	0.857	0.857

Pressione limite (qlim) = 3.65 daN/cm²

Area effettiva = 123.18 x 140.00 cm

Carico ammissibile = 22206.44 daN

Car. amm. / Car. tot. = 1.9

Pressione sul magrone = 1.01 daN/cm²

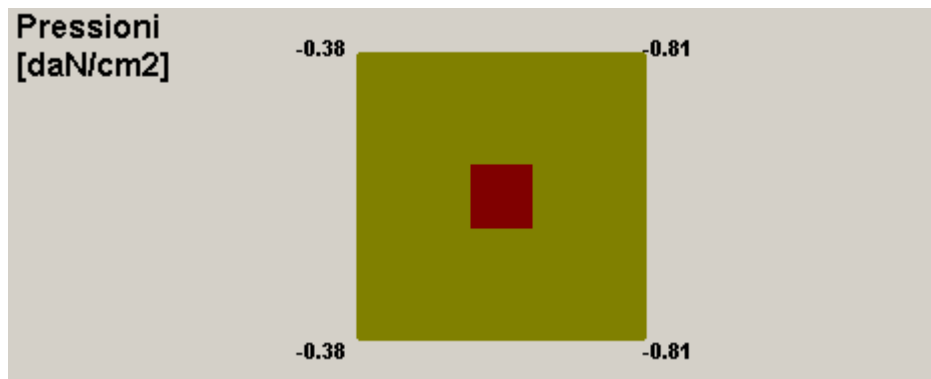
Pressione sul terreno = 0.81 daN/cm²

Tau di punzonamento = 0.6 daN/cm²

Tensione arm. orizz. = 791.8 daN/cm²

Tensione cls. orizz. = 16.81 daN/cm²

Tensione arm. vert.	= 617.76 daN/cm ²
Tensione cls. vert.	= 13.12 daN/cm ²
Coeff. ribalt. per M _x	= 999
Coeff. ribalt. per M _y	= 999



7. Verifica strutture in c.a. dei loculi

Le strutture portanti sono costituite da setti e solette in cemento armato gettato in opera, i setti intermedi sono spessi 10 cm mentre i perimetrali sono spessi 20cm. Le fondazioni sono realizzate con una platea in cls h 30cm.

7.1. ANALISI DEI CARICHI

Quali carichi di esercizio all'interno dei loculi sono stati adottati quelli pervisti dalla CIRCOLARE MINISTERO DELLA SANITA' 24 GIUGNO 1993 N24 250 daN/m²

7.1.1. CARICO DEL VENTO

La pressione del vento sull'edificio, considerata l'altitudine, l'ubicazione regionale della località e l'esposizione dell'edificio viene valutato con la seguente espressione:

$$p = q_{ref} \times c_e \times c_p \times c_d$$

q_{ref} è la pressione cinetica di riferimento

c_e è il coefficiente di esposizione

c_p è il coefficiente di forma

c_d è il coefficiente dinamico

Il coefficiente di esposizione dipende dall'altezza della costruzione z sul suolo, dalla rugosità e dalla topografia del terreno, dall'esposizione del sito ove sorge la costruzione è dato da:

$$c_e(z) = k_{2r} \times c_t \times \ln(z/z_0) \times [7 + \ln(z/z_0)] \quad \text{per } z > z_{min}$$

$$c_e(z) = c_e(z_{min}) \quad \text{per } z < z_{min}$$

Nel caso in analisi si hanno le seguenti caratteristiche:

z	ce	cd	cp	P
[m]	[-]	[N/m ²]		[N/m ²]
1.0	1.634	1	0.8	511
1.5	1.634	1	0.8	511
2.0	1.634	1	0.8	511
2.5	1.634	1	0.8	511
3.0	1.634	1	0.8	511
3.5	1.634	1	0.8	511
4.0	1.634	1	0.8	511
4.5	1.634	1	0.8	511
5.0	1.634	1	0.8	511
5.5	1.634	1	0.8	511
6.0	1.634	1	0.8	511
6.5	1.634	1	0.8	511
7.0	1.634	1	0.8	511
7.5	1.634	1	0.8	511
8.0	1.634	1	0.8	511
8.5	1.674	1	0.8	523
9.0	1.712	1	0.8	535
9.5	1.748	1	0.8	546
10.0	1.783	1	0.8	557
10.5	1.816	1	0.8	568
11.0	1.848	1	0.8	578
11.5	1.879	1	0.8	587
12.0	1.908	1	0.8	596

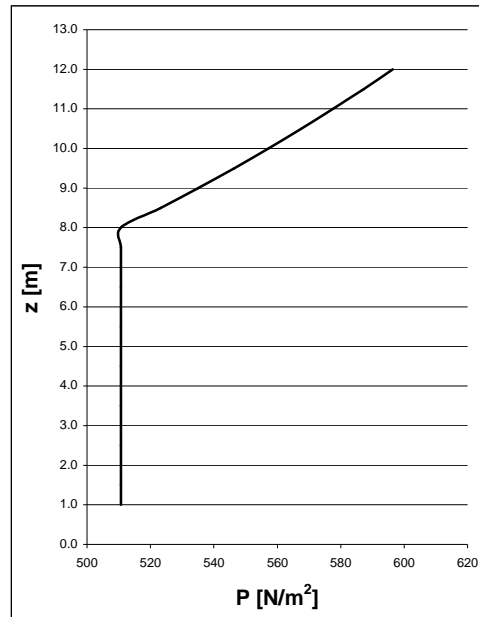


Fig. Grafico P in funzione della zeta considerata.

Tabella per determinare vref			
Zona	vref,0	a ₀	ka
	[m/s]	[m]	[1/s]

1	25	1000	0.012
2	25	750	0.024
3	27	500	0.030
4	28	500	0.030
5	28	750	0.024
6	28	500	0.030
7	29	1000	0.024
8	31	1500	0.012
9	31	500	0.030

Tabella per determinare ce			
Cat. esp.	kr	z0	zmin
	[-]	[m]	[m]

I	0.17	0.01	2
II	0.19	0.05	4
III	0.20	0.10	5
IV	0.22	0.30	8
V	0.23	0.70	12

Zona

- 1 Valle d'Aosta, Piemonte, Lombardia, Trentino Alto Adige, Veneto, Friuli Venezia Giulia (esclusa la provincia di Trieste)
- 2 Emilia Romagna
- 3 Toscana, Marche, Umbria, Lazio, Abruzzo, Molise, Campania, Puglia, Basilicata, Calabria (esclusa della provincia di Reggio Calabria)
- 4 Sicilia e provincia di Reggio Calabria
- 5 Sardegna (a est della congiungente Capo Teulada-La Maddalena)
- 6 Sardegna (a ovest della congiungente Capo Teulada-La Maddalena)
- 7 Liguria
- 8 Provincia di Trieste
- 9 Isole (escluse Sicilia e Sardegna) e mare aperto

Zona (1÷5)	1	⇒	vref	=	25 m/s
Altitudine sul livello del ma	828		ao	=	1000 m
			ka	=	0.012 1/s
			qref	=	390.63 N/m ²

Classe di rugosità del terre	C	⇒	kr	=	0.22
Categoria di esposizione d	IV		z0	=	0.30
			Zmin	=	8.00

Coefficiente di topografia (default = 1,0 ct)		=	1.00
Coefficiente dinamico (default = 1,0)	cd	=	1.00
Coefficiente di forma	cp	=	0.80
P=qref Ce Cp Cd			

7.1.2. CARICO NEVE AL SUOLO

Tabella per determinare qsk

Zona	$as \leq 200$	$200 < as \leq 750$	$as > 750$
------	---------------	---------------------	------------

I	-	-	3.91
II	-	-	3.24
III	-	-	2.62

Zone

I	Valle d'Aosta, Piemonte, Lombardia, Trentino Alto Adige, Emilia Romagna, Veneto, Friuli Venezia Giulia, Marche, Abruzzo, Molise
II	Liguria, Toscana, Umbria, Lazio, Campania (province di Caserta, Benevento, Avellino), Puglia (provincia di Foggia)
III	Campania (province di Napoli e Salerno), Puglia (esclusa la provincia di Foggia), Basilicata, Calabria, Sardegna, Sicilia

Coefficienti μ

α	$0 \leq \alpha \leq 15$	$15 < \alpha \leq 30$	$30 < \alpha \leq 60$	$\alpha > 60$
----------	-------------------------	-----------------------	-----------------------	---------------

μ_1	0.80	0.80	1.60	0.00
μ_2	0.80	0.60	2.00	0.00
μ_3	0.80	0.80	1.60	(*)
μ_1^*	0.80	1.07	1.07	0.00

Zona (I÷III)	I	\Rightarrow	qsk	=	3.91	kN/m ²
Altitudine sul livello del mare	828	m				
Angolo di inclinazione della falda	0	°	\Rightarrow			

	μ	qs
μ_2	0.80	3.130
μ_3	0.80	3.130
μ_1^*	0.80	3.130

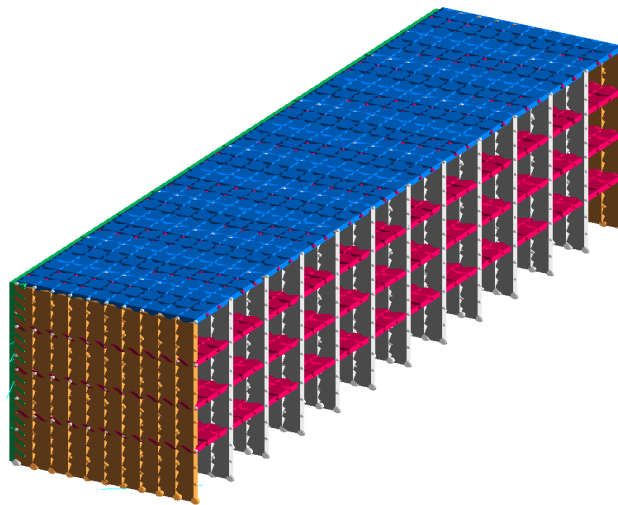
Carico neve sporgente

Densità della neve	3.00	kN/m ³	\Rightarrow	qe	=	4.08	kN/m ²
Coefficiente k	1	-					
Coefficiente μ appropriato	0.80	-					

7.2. ANALISI STRUTTURALE

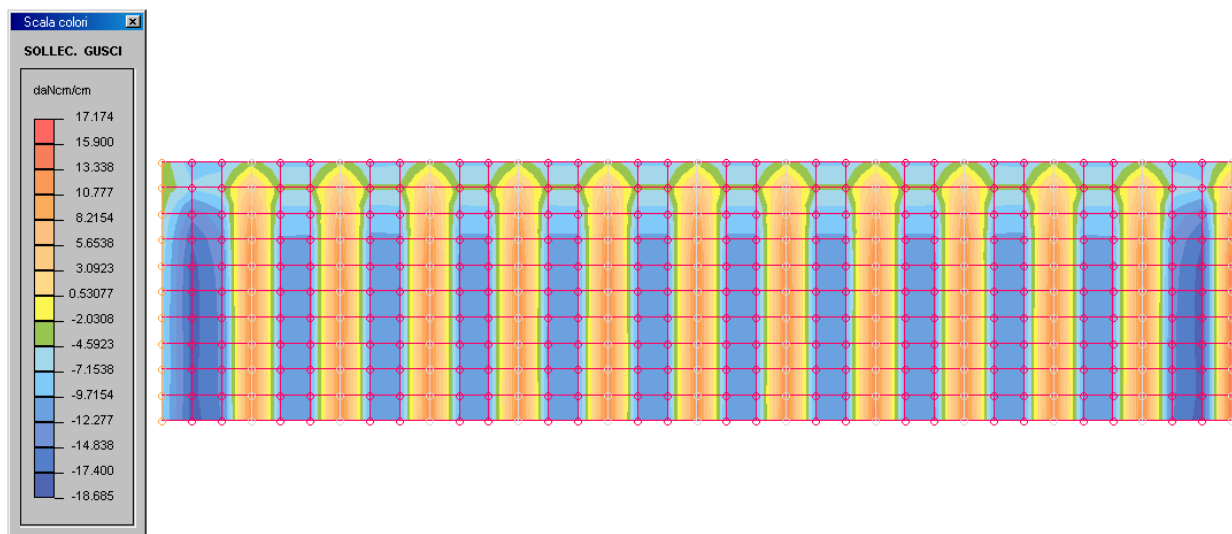
La struttura è stata modellata ad elementi finiti,

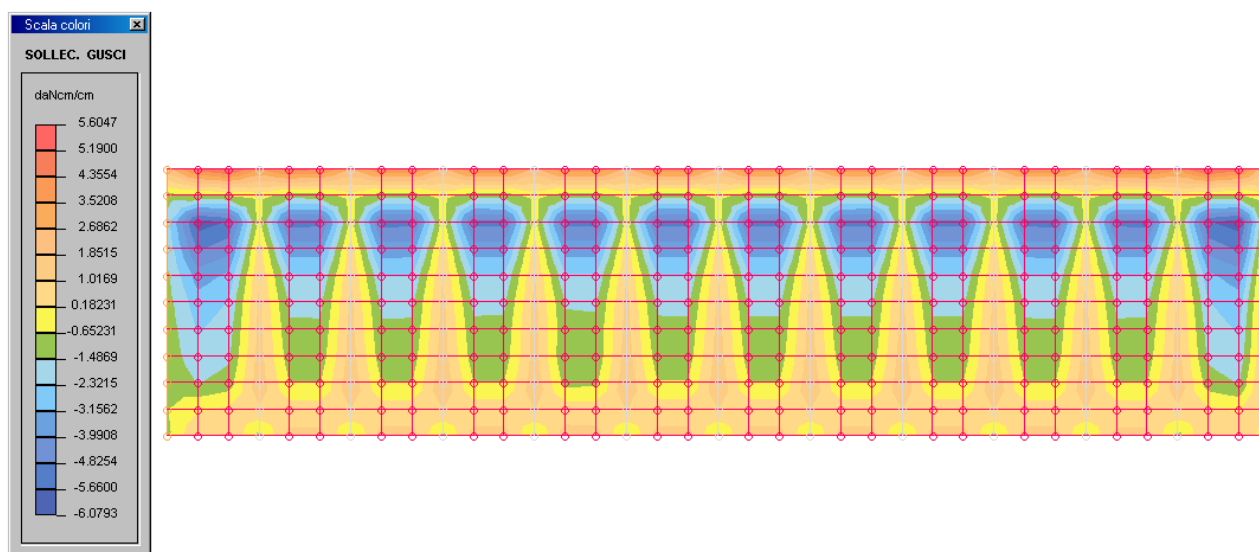
Assonometria - 30/30



7.3. VERIFICHE STRUTTURE IN C.A.

Si riportano le sollecitazioni massime massime presenti sulla copertura dei loculi.





Il momento massimo di esercizio risulta essere 18,685 daN cm/cm, Si dispone un'armatura costituita da una rete $\phi 8$ 20/20 da cui si ricava una tensione:

$$\sigma = 186 \text{ daN/cm}^2$$

Verificato

7.4. INVILUPPO ARMATURE TEORICHE GUSCI

unità di misura:

lunghezze : [cm] - forze : [daN]
momenti : [daNcm/cm] - tensioni : [daN/cm²]
pesi specifici: [daN/cm³] - angoli : [gradi]
armature : [cm²]

CASI DI CARICO:

Nome Descrizione
1 perm+acc

DATI:

tensione di calcolo acciaio : 2600.00 daN/cm²
tensione di calcolo cls : 85.00 daN/cm²
copriferro inferiore (asse armatura): 4 cm
copriferro superiore (asse armatura): 4 cm
moltiplicatore sollecitazioni : 1

AREE ARMATURA (cm² al metro)

GUSCI	INF. ORIZZ.			INF. VERTIC.			SUP. ORIZZ.			SUP. VERTIC.			tauX	tauY	tauT
	area	sigC	sigF	area	sigC	sigF	area	sigC	sigF	area	sigC	sigF			
271	0.00	0.0	0.	2.65	1.1	29.	0.00	0.0	0.	2.65	2.2	59.	0.1	0.1	0.1
272	0.00	0.0	0.	2.65	1.7	48.	0.00	0.0	0.	2.65	3.5	98.	0.0	0.2	0.1
273	0.00	0.0	0.	2.65	1.8	55.	0.00	0.0	0.	2.65	4.6	129.	0.0	0.2	0.2
274	0.00	0.0	0.	2.65	1.6	49.	0.00	0.0	0.	2.65	4.9	137.	0.0	0.2	0.2
275	0.00	0.0	0.	2.65	1.5	45.	0.00	0.0	0.	2.65	4.9	137.	0.0	0.2	0.2
276	0.00	0.0	0.	2.65	1.6	47.	0.00	0.0	0.	2.65	4.9	138.	0.0	0.2	0.2
277	0.00	0.0	0.	2.65	1.6	48.	0.00	0.0	0.	2.65	4.9	137.	0.0	0.2	0.2
278	0.00	0.0	0.	2.65	1.6	49.	0.00	0.0	0.	2.65	4.8	135.	0.0	0.2	0.2
279	0.00	0.0	0.	2.65	1.6	49.	0.00	0.0	0.	2.65	4.7	134.	0.0	0.2	0.2
280	0.00	0.0	0.	2.65	1.7	53.	0.00	0.0	0.	2.65	4.9	140.	0.1	0.2	0.2
281	0.00	0.0	0.	2.65	1.9	52.	0.00	0.0	0.	2.65	0.0	1.	0.1	0.0	0.1
282	0.00	0.0	0.	2.65	3.7	105.	0.00	0.0	0.	2.65	0.0	6.	0.0	0.0	0.0
283	0.00	0.0	0.	2.65	4.9	139.	0.00	0.0	0.	2.65	0.0	8.	0.0	0.0	0.0
284	0.00	0.0	0.	2.65	5.4	154.	0.00	0.0	0.	2.65	0.0	9.	0.0	0.0	0.0
285	0.00	0.0	0.	2.65	5.6	158.	0.00	0.0	0.	2.65	0.0	9.	0.0	0.0	0.0
286	0.00	0.0	0.	2.65	5.6	159.	0.00	0.0	0.	2.65	0.0	9.	0.0	0.0	0.0
287	0.00	0.0	0.	2.65	5.6	158.	0.00	0.0	0.	2.65	0.0	8.	0.0	0.0	0.0

288	0.00	0.0	0.	2.65	5.6	156.	0.00	0.0	0.	2.65	0.0	7.	0.0	0.0	0.0
289	0.00	0.0	0.	2.65	5.5	154.	0.00	0.0	0.	2.65	0.0	6.	0.0	0.0	0.0
290	0.00	0.0	0.	2.65	5.6	155.	0.00	0.0	0.	2.65	0.0	4.	0.0	0.0	0.0
291	0.00	0.0	0.	2.65	2.1	61.	0.00	0.0	0.	2.65	2.2	65.	0.1	0.1	0.1
292	0.00	0.0	0.	2.65	2.9	85.	0.00	0.0	0.	2.65	2.8	81.	0.0	0.1	0.1
293	0.00	0.0	0.	2.65	3.3	98.	0.00	0.0	0.	2.65	3.0	89.	0.0	0.2	0.1
294	0.00	0.0	0.	2.65	3.2	96.	0.00	0.0	0.	2.65	2.9	86.	0.0	0.2	0.2
295	0.00	0.0	0.	2.65	3.1	93.	0.00	0.0	0.	2.65	2.8	85.	0.0	0.2	0.2
296	0.00	0.0	0.	2.65	3.0	90.	0.00	0.0	0.	2.65	2.8	84.	0.0	0.2	0.2
297	0.00	0.0	0.	2.65	2.9	86.	0.00	0.0	0.	2.65	2.8	82.	0.0	0.2	0.2
298	0.00	0.0	0.	2.65	2.8	82.	0.00	0.0	0.	2.65	2.8	80.	0.0	0.2	0.2
299	0.00	0.0	0.	2.65	2.8	77.	0.00	0.0	0.	2.65	2.8	77.	0.0	0.2	0.2
300	0.00	0.0	0.	2.65	2.9	76.	0.00	0.0	0.	2.65	3.0	77.	0.0	0.2	0.2
3162	0.00	0.0	0.	2.65	1.0	21.	0.00	0.0	0.	2.65	1.7	43.	0.1	0.1	0.1
3163	0.00	0.0	0.	2.65	1.0	26.	0.00	0.0	0.	2.65	1.8	47.	0.1	0.1	0.1
3164	0.00	0.0	0.	2.65	1.0	28.	0.00	0.0	0.	2.65	1.8	50.	0.1	0.1	0.1
3165	0.00	0.0	0.	2.65	1.0	26.	0.00	0.0	0.	2.65	1.8	48.	0.1	0.1	0.1
3166	0.00	0.0	0.	2.65	1.1	29.	0.00	0.0	0.	2.65	2.3	61.	0.1	0.1	0.1
3167	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	2.2	59.	0.1	0.1	0.1
3168	0.00	0.0	0.	2.65	1.0	23.	0.00	0.0	0.	2.65	2.2	55.	0.1	0.1	0.1
3169	0.00	0.0	0.	2.65	1.0	21.	0.00	0.0	0.	2.65	1.9	46.	0.1	0.1	0.1
3170	0.00	0.0	0.	2.65	0.9	17.	0.00	0.0	0.	2.65	2.0	44.	0.1	0.1	0.1
3171	0.00	0.0	0.	2.65	0.8	12.	0.00	0.0	0.	2.65	1.5	30.	0.1	0.1	0.1
3172	0.00	0.0	0.	2.65	2.1	61.	0.00	0.0	0.	2.65	2.2	65.	0.1	0.1	0.1
3173	0.00	0.0	0.	2.65	1.3	32.	0.00	0.0	0.	2.65	2.9	76.	0.0	0.2	0.1
3174	0.00	0.0	0.	2.65	1.4	35.	0.00	0.0	0.	2.65	3.2	84.	0.0	0.2	0.1
3175	0.00	0.0	0.	2.65	1.4	37.	0.00	0.0	0.	2.65	2.9	77.	0.0	0.2	0.1
3176	0.00	0.0	0.	2.65	1.4	35.	0.00	0.0	0.	2.65	2.8	75.	0.0	0.2	0.1
3177	0.00	0.0	0.	2.65	1.4	38.	0.00	0.0	0.	2.65	3.4	89.	0.0	0.2	0.1
3178	0.00	0.0	0.	2.65	1.4	36.	0.00	0.0	0.	2.65	3.4	90.	0.0	0.2	0.1
3179	0.00	0.0	0.	2.65	1.4	34.	0.00	0.0	0.	2.65	3.3	87.	0.0	0.2	0.1
3180	0.00	0.0	0.	2.65	1.3	30.	0.00	0.0	0.	2.65	2.9	73.	0.0	0.2	0.1
3181	0.00	0.0	0.	2.65	1.3	27.	0.00	0.0	0.	2.65	3.1	74.	0.0	0.2	0.1
3182	0.00	0.0	0.	2.65	1.2	24.	0.00	0.0	0.	2.65	2.7	62.	0.0	0.2	0.1
3183	0.00	0.0	0.	2.65	2.9	85.	0.00	0.0	0.	2.65	2.8	81.	0.0	0.1	0.1
3184	0.00	0.0	0.	2.65	1.3	33.	0.00	0.0	0.	2.65	4.2	112.	0.0	0.2	0.2
3185	0.00	0.0	0.	2.65	1.3	33.	0.00	0.0	0.	2.65	4.4	118.	0.0	0.2	0.2
3186	0.00	0.0	0.	2.65	1.3	35.	0.00	0.0	0.	2.65	4.2	112.	0.0	0.2	0.2
3187	0.00	0.0	0.	2.65	1.4	36.	0.00	0.0	0.	2.65	4.1	111.	0.0	0.2	0.2
3188	0.00	0.0	0.	2.65	1.4	36.	0.00	0.0	0.	2.65	4.4	120.	0.0	0.2	0.2
3189	0.00	0.0	0.	2.65	1.4	35.	0.00	0.0	0.	2.65	4.4	119.	0.0	0.2	0.2
3190	0.00	0.0	0.	2.65	1.3	33.	0.00	0.0	0.	2.65	4.4	116.	0.0	0.2	0.2
3191	0.00	0.0	0.	2.65	1.3	31.	0.00	0.0	0.	2.65	4.1	107.	0.0	0.2	0.2
3192	0.00	0.0	0.	2.65	1.3	29.	0.00	0.0	0.	2.65	4.2	107.	0.0	0.2	0.2
3193	0.00	0.0	0.	2.65	1.3	29.	0.00	0.0	0.	2.65	4.1	107.	0.0	0.2	0.2
3194	0.00	0.0	0.	2.65	3.3	98.	0.00	0.0	0.	2.65	3.0	89.	0.0	0.2	0.1
3195	0.00	0.0	0.	2.65	1.1	25.	0.00	0.0	0.	2.65	4.7	126.	0.0	0.2	0.2
3196	0.00	0.0	0.	2.65	1.0	24.	0.00	0.0	0.	2.65	4.8	127.	0.0	0.2	0.2
3197	0.00	0.0	0.	2.65	1.1	26.	0.00	0.0	0.	2.65	4.7	126.	0.0	0.2	0.2
3198	0.00	0.0	0.	2.65	1.1	28.	0.00	0.0	0.	2.65	4.7	127.	0.0	0.2	0.2
3199	0.00	0.0	0.	2.65	1.1	29.	0.00	0.0	0.	2.65	4.8	131.	0.0	0.2	0.2
3200	0.00	0.0	0.	2.65	1.1	29.	0.00	0.0	0.	2.65	4.8	129.	0.0	0.2	0.2
3201	0.00	0.0	0.	2.65	1.1	29.	0.00	0.0	0.	2.65	4.8	130.	0.0	0.2	0.2
3202	0.00	0.0	0.	2.65	1.1	28.	0.00	0.0	0.	2.65	4.7	126.	0.0	0.2	0.2
3203	0.00	0.0	0.	2.65	1.1	27.	0.00	0.0	0.	2.65	4.7	125.	0.0	0.2	0.2
3204	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.8	130.	0.0	0.2	0.2
3205	0.00	0.0	0.	2.65	3.2	96.	0.00	0.0	0.	2.65	2.9	86.	0.0	0.2	0.2
3206	0.00	0.0	0.	2.65	0.9	22.	0.00	0.0	0.	2.65	4.8	129.	0.0	0.2	0.2
3207	0.00	0.0	0.	2.65	0.9	24.	0.00	0.0	0.	2.65	4.9	131.	0.0	0.2	0.2
3208	0.00	0.0	0.	2.65	0.9	25.	0.00	0.0	0.	2.65	4.9	132.	0.0	0.2	0.2
3209	0.00	0.0	0.	2.65	1.0	26.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3210	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	135.	0.0	0.2	0.2
3211	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3212	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3213	0.00	0.0	0.	2.65	1.0	25.	0.00	0.0	0.	2.65	4.9	131.	0.0	0.2	0.2
3214	0.00	0.0	0.	2.65	1.0	24.	0.00	0.0	0.	2.65	4.8	129.	0.0	0.2	0.2
3215	0.00	0.0	0.	2.65	0.9	24.	0.00	0.0	0.	2.65	5.0	134.	0.0	0.2	0.2
3216	0.00	0.0	0.	2.65	3.1	93.	0.00	0.0	0.	2.65	2.8	85.	0.0	0.2	0.2
3217	0.00	0.0	0.	2.65	0.9	23.	0.00	0.0	0.	2.65	4.9	131.	0.0	0.2	0.2
3218	0.00	0.0	0.	2.65	0.9	25.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3219	0.00	0.0	0.	2.65	0.9	27.	0.00	0.0	0.	2.65	4.9	136.	0.0	0.2	0.2
3220	0.00	0.0	0.	2.65	1.0	28.	0.00	0.0	0.	2.65	5.0	137.	0.0	0.2	0.2
3221	0.00	0.0	0.	2.65	1.0	29.	0.00	0.0	0.	2.65	5.0	137.	0.0	0.2	0.2
3222	0.00	0.0	0.	2.65	0.9	28.	0.00	0.0	0.	2.65	5.0	138.	0.0	0.2	0.2
3223	0.00	0.0	0.	2.65	1.0	30.	0.00	0.0	0.	2.65	5.0	138.	0.0	0.2	0.2
3224	0.00	0.0	0.	2.65	0.9	27.	0.00	0.0	0.	2.65	4.9	135.	0.0	0.2	0.2
3225	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	133.	0.0	0.2	0.2
3226	0.00	0.0	0.	2.65	0.9	28.	0.00	0.0	0.	2.65	5.1	140.	0.0	0.2	0.2

3227	0.00	0.0	0.	2.65	3.0	90.	0.00	0.0	0.	2.65	2.8	84.	0.0	0.2	0.2
3228	0.00	0.0	0.	2.65	0.9	26.	0.00	0.0	0.	2.65	4.9	133.	0.0	0.2	0.2
3229	0.00	0.0	0.	2.65	1.0	30.	0.00	0.0	0.	2.65	5.0	138.	0.0	0.2	0.2
3230	0.00	0.0	0.	2.65	1.0	32.	0.00	0.0	0.	2.65	5.0	140.	0.0	0.2	0.2
3231	0.00	0.0	0.	2.65	1.0	33.	0.00	0.0	0.	2.65	5.0	141.	0.0	0.2	0.2
3232	0.00	0.0	0.	2.65	1.0	33.	0.00	0.0	0.	2.65	5.0	141.	0.0	0.2	0.2
3233	0.00	0.0	0.	2.65	1.0	32.	0.00	0.0	0.	2.65	5.0	142.	0.0	0.2	0.2
3234	0.00	0.0	0.	2.65	1.1	35.	0.00	0.0	0.	2.65	5.0	141.	0.0	0.2	0.2
3235	0.00	0.0	0.	2.65	1.0	31.	0.00	0.0	0.	2.65	5.0	140.	0.0	0.2	0.2
3236	0.00	0.0	0.	2.65	1.0	32.	0.00	0.0	0.	2.65	4.9	138.	0.0	0.2	0.2
3237	0.00	0.0	0.	2.65	0.9	32.	0.00	0.0	0.	2.65	5.1	144.	0.0	0.2	0.2
3238	0.00	0.0	0.	2.65	2.9	86.	0.00	0.0	0.	2.65	2.8	82.	0.0	0.2	0.2
3239	0.00	0.0	0.	2.65	1.0	30.	0.00	0.0	0.	2.65	4.9	136.	0.0	0.2	0.2
3240	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	142.	0.0	0.2	0.2
3241	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	143.	0.0	0.2	0.2
3242	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3243	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	143.	0.0	0.2	0.2
3244	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.1	144.	0.0	0.2	0.2
3245	0.00	0.0	0.	2.65	1.1	39.	0.00	0.0	0.	2.65	5.1	144.	0.0	0.2	0.2
3246	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	143.	0.0	0.2	0.2
3247	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	142.	0.0	0.2	0.2
3248	0.00	0.0	0.	2.65	0.9	32.	0.00	0.0	0.	2.65	5.1	144.	0.0	0.2	0.2
3249	0.00	0.0	0.	2.65	2.8	82.	0.00	0.0	0.	2.65	2.8	80.	0.0	0.2	0.2
3250	0.00	0.0	0.	2.65	1.0	34.	0.00	0.0	0.	2.65	4.9	140.	0.0	0.2	0.2
3251	0.00	0.0	0.	2.65	1.0	37.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3252	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3253	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3254	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3255	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.1	146.	0.0	0.2	0.2
3256	0.00	0.0	0.	2.65	1.1	39.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3257	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3258	0.00	0.0	0.	2.65	1.0	37.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3259	0.00	0.0	0.	2.65	0.9	33.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3260	0.00	0.0	0.	2.65	2.8	77.	0.00	0.0	0.	2.65	2.8	77.	0.0	0.2	0.2
3261	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.1	146.	0.1	0.2	0.2
3262	0.00	0.0	0.	2.65	1.1	40.	0.00	0.0	0.	2.65	5.1	148.	0.1	0.2	0.2
3263	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.1	147.	0.1	0.2	0.2
3264	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.1	147.	0.1	0.2	0.2
3265	0.00	0.0	0.	2.65	1.1	37.	0.00	0.0	0.	2.65	5.2	147.	0.1	0.2	0.2
3266	0.00	0.0	0.	2.65	1.0	37.	0.00	0.0	0.	2.65	5.2	149.	0.1	0.2	0.2
3267	0.00	0.0	0.	2.65	1.1	39.	0.00	0.0	0.	2.65	5.2	149.	0.1	0.2	0.2
3268	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.2	150.	0.1	0.2	0.2
3269	0.00	0.0	0.	2.65	1.1	40.	0.00	0.0	0.	2.65	5.2	150.	0.1	0.2	0.2
3270	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.3	149.	0.1	0.2	0.2
3271	0.00	0.0	0.	2.65	2.9	76.	0.00	0.0	0.	2.65	3.0	77.	0.0	0.2	0.2
3272	0.00	0.0	0.	2.65	4.3	126.	0.00	0.0	0.	2.65	0.0	11.	0.0	0.0	0.0
3273	0.00	0.0	0.	2.65	4.4	128.	0.00	0.0	0.	2.65	0.0	12.	0.0	0.0	0.0
3274	0.00	0.0	0.	2.65	4.4	127.	0.00	0.0	0.	2.65	0.0	12.	0.0	0.0	0.0
3275	0.00	0.0	0.	2.65	4.3	126.	0.00	0.0	0.	2.65	0.0	11.	0.0	0.0	0.0
3276	0.00	0.0	0.	2.65	4.3	126.	0.00	0.0	0.	2.65	0.0	11.	0.0	0.0	0.0
3277	0.00	0.0	0.	2.65	4.3	126.	0.00	0.0	0.	2.65	0.0	11.	0.0	0.0	0.0
3278	0.00	0.0	0.	2.65	4.4	129.	0.00	0.0	0.	2.65	0.0	11.	0.0	0.0	0.0
3279	0.00	0.0	0.	2.65	4.3	127.	0.00	0.0	0.	2.65	0.0	12.	0.0	0.0	0.0
3280	0.00	0.0	0.	2.65	4.4	128.	0.00	0.0	0.	2.65	0.0	12.	0.0	0.0	0.0
3281	0.00	0.0	0.	2.65	4.3	126.	0.00	0.0	0.	2.65	0.0	11.	0.0	0.0	0.0
3282	0.00	0.0	0.	2.65	5.6	155.	0.00	0.0	0.	2.65	0.0	4.	0.0	0.0	0.0
3283	0.00	0.0	0.	2.65	4.3	123.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3284	0.00	0.0	0.	2.65	4.3	124.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3285	0.00	0.0	0.	2.65	4.3	124.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3286	0.00	0.0	0.	2.65	4.3	123.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3287	0.00	0.0	0.	2.65	4.3	123.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3288	0.00	0.0	0.	2.65	4.2	123.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3289	0.00	0.0	0.	2.65	4.4	127.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3290	0.00	0.0	0.	2.65	4.3	124.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3291	0.00	0.0	0.	2.65	4.3	125.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3292	0.00	0.0	0.	2.65	4.3	123.	0.00	0.0	0.	2.65	0.0	10.	0.0	0.0	0.0
3293	0.00	0.0	0.	2.65	5.5	154.	0.00	0.0	0.	2.65	0.0	6.	0.0	0.0	0.0
3294	0.00	0.0	0.	2.65	4.2	119.	0.00	0.0	0.	2.65	0.0	7.	0.0	0.0	0.0
3295	0.00	0.0	0.	2.65	4.2	120.	0.00	0.0	0.	2.65	0.0	7.	0.0	0.0	0.0
3296	0.00	0.0	0.	2.65	4.2	120.	0.00	0.0	0.	2.65	0.0	7.	0.0	0.0	0.0
3297	0.00	0.0	0.	2.65	4.2	120.	0.00	0.0	0.	2.65	0.0	8.	0.0	0.0	0.0
3298	0.00	0.0	0.	2.65	4.2	120.	0.00	0.0	0.	2.65	0.0	8.	0.0	0.0	0.0
3299	0.00	0.0	0.	2.65	4.2	120.	0.00	0.0	0.	2.65	0.0	8.	0.0	0.0	0.0
3300	0.00	0.0	0.	2.65	4.4	124.	0.00	0.0	0.	2.65	0.0	8.	0.0	0.0	0.0
3301	0.00	0.0	0.	2.65	4.2	120.	0.00	0.0	0.	2.65	0.0	8.	0.0	0.0	0.0
3302	0.00	0.0	0.	2.65	4.2	120.	0.00	0.0	0.	2.65	0.0	7.	0.0	0.0	0.0
3303	0.00	0.0	0.	2.65	4.2	119.	0.00	0.0	0.	2.65	0.0	7.	0.0	0.0	0.0
3304	0.00	0.0	0.	2.65	5.6	156.	0.00	0.0	0.	2.65	0.0	7.	0.0	0.0	0.0

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3383	0.00	0.0	0.	2.65	0.9	17.	0.00	0.0	0.	2.65	2.0	44.	0.1	0.1	0.1
3384	0.00	0.0	0.	2.65	1.0	21.	0.00	0.0	0.	2.65	1.9	46.	0.1	0.1	0.1
3385	0.00	0.0	0.	2.65	1.0	24.	0.00	0.0	0.	2.65	2.2	55.	0.1	0.1	0.1
3386	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	2.2	59.	0.1	0.1	0.1
3387	0.00	0.0	0.	2.65	1.1	28.	0.00	0.0	0.	2.65	1.8	50.	0.1	0.1	0.1
3388	0.00	0.0	0.	2.65	1.0	26.	0.00	0.0	0.	2.65	1.8	47.	0.1	0.1	0.1
3389	0.00	0.0	0.	2.65	1.0	28.	0.00	0.0	0.	2.65	1.8	50.	0.1	0.1	0.1
3390	0.00	0.0	0.	2.65	1.0	26.	0.00	0.0	0.	2.65	1.8	47.	0.1	0.1	0.1
3391	0.00	0.0	0.	2.65	1.0	21.	0.00	0.0	0.	2.65	1.8	43.	0.1	0.1	0.1
3392	0.00	0.0	0.	2.65	1.1	29.	0.00	0.0	0.	2.65	2.2	59.	0.1	0.1	0.1
3393	0.00	0.0	0.	2.65	1.2	24.	0.00	0.0	0.	2.65	2.7	62.	0.0	0.2	0.1
3394	0.00	0.0	0.	2.65	1.3	27.	0.00	0.0	0.	2.65	3.1	74.	0.0	0.2	0.1
3395	0.00	0.0	0.	2.65	1.3	30.	0.00	0.0	0.	2.65	2.9	73.	0.0	0.2	0.1
3396	0.00	0.0	0.	2.65	1.4	34.	0.00	0.0	0.	2.65	3.3	87.	0.0	0.2	0.1
3397	0.00	0.0	0.	2.65	1.4	36.	0.00	0.0	0.	2.65	3.4	90.	0.0	0.2	0.1
3398	0.00	0.0	0.	2.65	1.4	38.	0.00	0.0	0.	2.65	2.8	75.	0.0	0.2	0.1
3399	0.00	0.0	0.	2.65	1.4	38.	0.00	0.0	0.	2.65	2.8	75.	0.0	0.2	0.1
3400	0.00	0.0	0.	2.65	1.4	37.	0.00	0.0	0.	2.65	2.9	77.	0.0	0.2	0.1
3401	0.00	0.0	0.	2.65	1.4	35.	0.00	0.0	0.	2.65	3.2	84.	0.0	0.2	0.1
3402	0.00	0.0	0.	2.65	1.3	33.	0.00	0.0	0.	2.65	2.9	76.	0.0	0.2	0.1
3403	0.00	0.0	0.	2.65	1.7	48.	0.00	0.0	0.	2.65	3.5	98.	0.0	0.2	0.1
3404	0.00	0.0	0.	2.65	1.3	29.	0.00	0.0	0.	2.65	4.1	107.	0.0	0.2	0.2
3405	0.00	0.0	0.	2.65	1.3	29.	0.00	0.0	0.	2.65	4.2	107.	0.0	0.2	0.2
3406	0.00	0.0	0.	2.65	1.3	31.	0.00	0.0	0.	2.65	4.1	106.	0.0	0.2	0.2
3407	0.00	0.0	0.	2.65	1.3	33.	0.00	0.0	0.	2.65	4.4	116.	0.0	0.2	0.2
3408	0.00	0.0	0.	2.65	1.4	35.	0.00	0.0	0.	2.65	4.4	119.	0.0	0.2	0.2
3409	0.00	0.0	0.	2.65	1.4	36.	0.00	0.0	0.	2.65	4.2	113.	0.0	0.2	0.2
3410	0.00	0.0	0.	2.65	1.4	36.	0.00	0.0	0.	2.65	4.2	113.	0.0	0.2	0.2
3411	0.00	0.0	0.	2.65	1.3	35.	0.00	0.0	0.	2.65	4.2	112.	0.0	0.2	0.2
3412	0.00	0.0	0.	2.65	1.3	33.	0.00	0.0	0.	2.65	4.4	118.	0.0	0.2	0.2
3413	0.00	0.0	0.	2.65	1.3	33.	0.00	0.0	0.	2.65	4.2	113.	0.0	0.2	0.2
3414	0.00	0.0	0.	2.65	1.8	55.	0.00	0.0	0.	2.65	4.6	129.	0.0	0.2	0.2
3415	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.8	130.	0.0	0.2	0.2
3416	0.00	0.0	0.	2.65	1.1	27.	0.00	0.0	0.	2.65	4.7	125.	0.0	0.2	0.2
3417	0.00	0.0	0.	2.65	1.1	28.	0.00	0.0	0.	2.65	4.7	126.	0.0	0.2	0.2
3418	0.00	0.0	0.	2.65	1.1	29.	0.00	0.0	0.	2.65	4.8	130.	0.0	0.2	0.2
3419	0.00	0.0	0.	2.65	1.1	30.	0.00	0.0	0.	2.65	4.8	130.	0.0	0.2	0.2
3420	0.00	0.0	0.	2.65	1.1	30.	0.00	0.0	0.	2.65	4.7	128.	0.0	0.2	0.2
3421	0.00	0.0	0.	2.65	1.1	28.	0.00	0.0	0.	2.65	4.7	128.	0.0	0.2	0.2
3422	0.00	0.0	0.	2.65	1.1	26.	0.00	0.0	0.	2.65	4.7	126.	0.0	0.2	0.2
3423	0.00	0.0	0.	2.65	1.0	24.	0.00	0.0	0.	2.65	4.8	127.	0.0	0.2	0.2
3424	0.00	0.0	0.	2.65	1.1	26.	0.00	0.0	0.	2.65	4.7	126.	0.0	0.2	0.2
3425	0.00	0.0	0.	2.65	1.6	49.	0.00	0.0	0.	2.65	4.9	137.	0.0	0.2	0.2
3426	0.00	0.0	0.	2.65	0.9	23.	0.00	0.0	0.	2.65	5.0	134.	0.0	0.2	0.2
3427	0.00	0.0	0.	2.65	1.0	24.	0.00	0.0	0.	2.65	4.8	129.	0.0	0.2	0.2
3428	0.00	0.0	0.	2.65	1.0	25.	0.00	0.0	0.	2.65	4.9	131.	0.0	0.2	0.2
3429	0.00	0.0	0.	2.65	1.0	26.	0.00	0.0	0.	2.65	4.9	133.	0.0	0.2	0.2
3430	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3431	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3432	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3433	0.00	0.0	0.	2.65	0.9	24.	0.00	0.0	0.	2.65	4.9	132.	0.0	0.2	0.2
3434	0.00	0.0	0.	2.65	0.9	24.	0.00	0.0	0.	2.65	4.9	131.	0.0	0.2	0.2
3435	0.00	0.0	0.	2.65	0.9	22.	0.00	0.0	0.	2.65	4.8	129.	0.0	0.2	0.2
3436	0.00	0.0	0.	2.65	1.5	45.	0.00	0.0	0.	2.65	4.9	137.	0.0	0.2	0.2
3437	0.00	0.0	0.	2.65	0.9	28.	0.00	0.0	0.	2.65	5.1	140.	0.0	0.2	0.2
3438	0.00	0.0	0.	2.65	1.0	27.	0.00	0.0	0.	2.65	4.9	133.	0.0	0.2	0.2
3439	0.00	0.0	0.	2.65	0.9	27.	0.00	0.0	0.	2.65	4.9	135.	0.0	0.2	0.2
3440	0.00	0.0	0.	2.65	1.0	28.	0.00	0.0	0.	2.65	4.9	137.	0.0	0.2	0.2
3441	0.00	0.0	0.	2.65	1.0	29.	0.00	0.0	0.	2.65	5.0	137.	0.0	0.2	0.2
3442	0.00	0.0	0.	2.65	1.0	29.	0.00	0.0	0.	2.65	5.0	138.	0.0	0.2	0.2
3443	0.00	0.0	0.	2.65	1.0	29.	0.00	0.0	0.	2.65	5.0	139.	0.0	0.2	0.2
3444	0.00	0.0	0.	2.65	0.9	27.	0.00	0.0	0.	2.65	5.0	137.	0.0	0.2	0.2
3445	0.00	0.0	0.	2.65	0.9	25.	0.00	0.0	0.	2.65	4.9	134.	0.0	0.2	0.2
3446	0.00	0.0	0.	2.65	0.9	23.	0.00	0.0	0.	2.65	4.9	131.	0.0	0.2	0.2
3447	0.00	0.0	0.	2.65	1.6	47.	0.00	0.0	0.	2.65	4.9	138.	0.0	0.2	0.2
3448	0.00	0.0	0.	2.65	0.9	32.	0.00	0.0	0.	2.65	5.1	144.	0.0	0.2	0.2
3449	0.00	0.0	0.	2.65	1.0	31.	0.00	0.0	0.	2.65	4.9	138.	0.0	0.2	0.2
3450	0.00	0.0	0.	2.65	1.0	31.	0.00	0.0	0.	2.65	5.0	139.	0.0	0.2	0.2
3451	0.00	0.0	0.	2.65	1.0	32.	0.00	0.0	0.	2.65	5.0	140.	0.0	0.2	0.2
3452	0.00	0.0	0.	2.65	1.0	33.	0.00	0.0	0.	2.65	5.0	141.	0.0	0.2	0.2
3453	0.00	0.0	0.	2.65	1.0	33.	0.00	0.0	0.	2.65	5.0	141.	0.0	0.2	0.2
3454	0.00	0.0	0.	2.65	1.0	33.	0.00	0.0	0.	2.65	5.1	143.	0.0	0.2	0.2
3455	0.00	0.0	0.	2.65	1.0	31.	0.00	0.0	0.	2.65	5.0	141.	0.0	0.2	0.2
3456	0.00	0.0	0.	2.65	1.0	30.	0.00	0.0	0.	2.65	5.0	138.	0.0	0.2	0.2
3457	0.00	0.0	0.	2.65	0.9	26.	0.00	0.0	0.	2.65	4.9	133.	0.0	0.2	0.2
3458	0.00	0.0	0.	2.65	1.6	48.	0.00	0.0	0.	2.65	4.9	137.	0.0	0.2	0.2
3459	0.00	0.0	0.	2.65	0.9	32.	0.00	0.0	0.	2.65	5.1	144.	0.0	0.2	0.2
3460	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	141.	0.0	0.2	0.2

3461	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	142.	0.0	0.2	0.2
3462	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	143.	0.0	0.2	0.2
3463	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	143.	0.0	0.2	0.2
3464	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	143.	0.0	0.2	0.2
3465	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.1	146.	0.0	0.2	0.2
3466	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3467	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.0	142.	0.0	0.2	0.2
3468	0.00	0.0	0.	2.65	1.0	30.	0.00	0.0	0.	2.65	4.9	136.	0.0	0.2	0.2
3469	0.00	0.0	0.	2.65	1.6	49.	0.00	0.0	0.	2.65	4.8	135.	0.0	0.2	0.2
3470	0.00	0.0	0.	2.65	0.9	33.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3471	0.00	0.0	0.	2.65	1.0	37.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3472	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3473	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3474	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.1	145.	0.0	0.2	0.2
3475	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3476	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.1	146.	0.0	0.2	0.2
3477	0.00	0.0	0.	2.65	1.0	36.	0.00	0.0	0.	2.65	5.1	146.	0.0	0.2	0.2
3478	0.00	0.0	0.	2.65	1.0	37.	0.00	0.0	0.	2.65	5.0	144.	0.0	0.2	0.2
3479	0.00	0.0	0.	2.65	1.0	34.	0.00	0.0	0.	2.65	4.9	140.	0.0	0.2	0.2
3480	0.00	0.0	0.	2.65	1.6	49.	0.00	0.0	0.	2.65	4.7	134.	0.0	0.2	0.2
3481	0.00	0.0	0.	2.65	1.0	35.	0.00	0.0	0.	2.65	5.3	149.	0.1	0.2	0.2
3482	0.00	0.0	0.	2.65	1.1	40.	0.00	0.0	0.	2.65	5.2	149.	0.1	0.2	0.2
3483	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.2	149.	0.1	0.2	0.2
3484	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.2	149.	0.1	0.2	0.2
3485	0.00	0.0	0.	2.65	1.1	37.	0.00	0.0	0.	2.65	5.2	148.	0.1	0.2	0.2
3486	0.00	0.0	0.	2.65	1.1	37.	0.00	0.0	0.	2.65	5.2	148.	0.1	0.2	0.2
3487	0.00	0.0	0.	2.65	1.0	37.	0.00	0.0	0.	2.65	5.2	148.	0.1	0.2	0.2
3488	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.2	149.	0.1	0.2	0.2
3489	0.00	0.0	0.	2.65	1.1	40.	0.00	0.0	0.	2.65	5.1	148.	0.1	0.2	0.2
3490	0.00	0.0	0.	2.65	1.1	38.	0.00	0.0	0.	2.65	5.1	146.	0.1	0.2	0.2
3491	0.00	0.0	0.	2.65	1.7	53.	0.00	0.0	0.	2.65	4.9	140.	0.1	0.2	0.2

7.5. VERIFICA TENSIONE IN FONDAZIONE

La tensione media in fondazione risulta essere

$$\sigma = 0,45 \text{ daN/cm}^2 \ll \sigma_{\text{ammissibile}} = 2,5 \text{ daN/cm}^2$$

Verificato