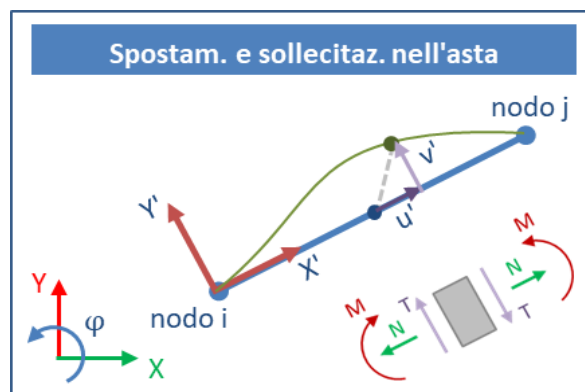


Deformata e sollecitazioni nelle aste

Legenda

- Asta = indice dell'asta
- x', y' = sistema di riferimento locale dell'asta
- x' = ascissa x' nel riferimento locale dell'asta
- u' = spostamento del punto in direzione x'
- v' = spostamento del punto in direzione y'
- M = momento flettente
- T = taglio
- N = sforzo normale



Asta	x' [mm]	u' [mm]	v' [mm]	M [kNm]	T [kN]	N [kN]
1	0.00	0.00	0.00	-9.42	-9.33	179.10
1	300.00	-0.02	0.02	-6.63	-9.33	179.10
1	600.00	-0.04	0.07	-3.83	-9.33	179.10
1	900.00	-0.06	0.13	-1.03	-9.33	179.10
1	1200.00	-0.08	0.20	1.77	-9.33	179.10
1	1500.00	-0.10	0.26	4.57	-9.33	179.10
1	1800.00	-0.12	0.31	7.37	-9.33	179.10
1	2100.00	-0.14	0.32	10.17	-9.33	179.10
1	2400.00	-0.16	0.28	12.97	-9.33	179.10
1	2700.00	-0.18	0.19	15.76	-9.33	179.10
1	3000.00	-0.20	0.02	18.56	-9.33	179.10
2	0.00	-0.20	0.02	-24.14	-15.01	119.17
2	300.00	-0.21	-0.13	-19.64	-15.01	119.17
2	600.00	-0.23	-0.20	-15.13	-15.01	119.17
2	900.00	-0.24	-0.20	-10.63	-15.01	119.17
2	1200.00	-0.25	-0.15	-6.13	-15.01	119.17
2	1500.00	-0.27	-0.07	-1.62	-15.01	119.17
2	1800.00	-0.28	0.01	2.88	-15.01	119.17
2	2100.00	-0.29	0.08	7.38	-15.01	119.17
2	2400.00	-0.30	0.12	11.88	-15.01	119.17
2	2700.00	-0.32	0.11	16.39	-15.01	119.17
2	3000.00	-0.33	0.02	20.89	-15.01	119.17
3	0.00	-0.33	0.02	-25.95	-20.63	58.08
3	300.00	-0.34	-0.06	-19.76	-20.63	58.08

3	600.00	-0.34	-0.05	-13.57	-20.63	58.08
3	900.00	-0.35	0.02	-7.38	-20.63	58.08
3	1200.00	-0.36	0.12	-1.19	-20.63	58.08
3	1500.00	-0.36	0.23	5.00	-20.63	58.08
3	1800.00	-0.37	0.32	11.19	-20.63	58.08
3	2100.00	-0.38	0.36	17.38	-20.63	58.08
3	2400.00	-0.38	0.31	23.57	-20.63	58.08
3	2700.00	-0.39	0.17	29.76	-20.63	58.08
3	3000.00	-0.40	-0.11	35.95	-20.63	58.08
4	0.00	0.00	0.00	0.60	0.65	390.00
4	300.00	-0.04	0.00	0.41	0.65	390.00
4	600.00	-0.09	0.00	0.21	0.65	390.00
4	900.00	-0.13	-0.01	0.02	0.65	390.00
4	1200.00	-0.17	-0.01	-0.18	0.65	390.00
4	1500.00	-0.22	-0.02	-0.37	0.65	390.00
4	1800.00	-0.26	-0.02	-0.57	0.65	390.00
4	2100.00	-0.30	-0.02	-0.76	0.65	390.00
4	2400.00	-0.35	-0.01	-0.96	0.65	390.00
4	2700.00	-0.39	0.00	-1.15	0.65	390.00
4	3000.00	-0.43	0.01	-1.35	0.65	390.00
5	0.00	-0.43	0.01	1.37	0.61	262.23
5	300.00	-0.46	0.02	1.18	0.61	262.23
5	600.00	-0.49	0.03	1.00	0.61	262.23
5	900.00	-0.52	0.04	0.81	0.61	262.23
5	1200.00	-0.55	0.04	0.63	0.61	262.23
5	1500.00	-0.58	0.03	0.45	0.61	262.23
5	1800.00	-0.61	0.03	0.26	0.61	262.23
5	2100.00	-0.64	0.02	0.08	0.61	262.23
5	2400.00	-0.67	0.02	-0.10	0.61	262.23
5	2700.00	-0.70	0.01	-0.29	0.61	262.23
5	3000.00	-0.72	0.01	-0.47	0.61	262.23
6	0.00	-0.72	0.01	1.80	1.59	135.98
6	300.00	-0.74	0.00	1.32	1.59	135.98
6	600.00	-0.75	-0.01	0.84	1.59	135.98
6	900.00	-0.77	-0.03	0.37	1.59	135.98
6	1200.00	-0.79	-0.05	-0.11	1.59	135.98
6	1500.00	-0.80	-0.06	-0.58	1.59	135.98
6	1800.00	-0.82	-0.08	-1.06	1.59	135.98
6	2100.00	-0.83	-0.09	-1.54	1.59	135.98
6	2400.00	-0.85	-0.09	-2.01	1.59	135.98
6	2700.00	-0.86	-0.09	-2.49	1.59	135.98
6	3000.00	-0.88	-0.07	-2.97	1.59	135.98
7	0.00	0.00	0.00	0.00	0.00	361.80
7	300.00	-0.04	0.00	0.00	0.00	361.80
7	600.00	-0.08	0.00	0.00	0.00	361.80
7	900.00	-0.12	0.00	0.00	0.00	361.80
7	1200.00	-0.16	0.00	0.00	0.00	361.80
7	1500.00	-0.20	0.00	0.00	0.00	361.80
7	1800.00	-0.24	0.00	0.00	0.00	361.80
7	2100.00	-0.28	0.00	0.00	0.00	361.80

7	2400.00	-0.32	0.00	0.00	0.00	361.80
7	2700.00	-0.36	0.00	0.00	0.00	361.80
7	3000.00	-0.40	0.00	0.00	0.00	361.80
8	0.00	-0.40	0.00	0.00	0.00	237.21
8	300.00	-0.43	0.00	0.00	0.00	237.21
8	600.00	-0.45	0.00	0.00	0.00	237.21
8	900.00	-0.48	0.00	0.00	0.00	237.21
8	1200.00	-0.51	0.00	0.00	0.00	237.21
8	1500.00	-0.53	0.00	0.00	0.00	237.21
8	1800.00	-0.56	0.00	0.00	0.00	237.21
8	2100.00	-0.59	0.00	0.00	0.00	237.21
8	2400.00	-0.61	0.00	0.00	0.00	237.21
8	2700.00	-0.64	0.00	0.00	0.00	237.21
8	3000.00	-0.67	0.00	0.00	0.00	237.21
9	0.00	-0.67	0.00	0.00	0.00	111.88
9	400.00	-0.68	0.00	0.00	0.00	111.88
9	800.00	-0.70	0.00	0.00	0.00	111.88
9	1200.00	-0.72	0.00	0.00	0.00	111.88
9	1600.00	-0.73	0.00	0.00	0.00	111.88
9	2000.00	-0.75	0.00	0.00	0.00	111.88
9	2400.00	-0.77	0.00	0.00	0.00	111.88
9	2800.00	-0.78	0.00	0.00	0.00	111.88
9	3200.00	-0.80	0.00	0.00	0.00	111.88
9	3600.00	-0.81	0.00	0.00	0.00	111.88
9	4000.00	-0.83	0.00	0.00	0.00	111.88
10	0.00	0.00	0.00	-0.60	-0.65	390.00
10	300.00	-0.04	0.00	-0.41	-0.65	390.00
10	600.00	-0.09	0.00	-0.21	-0.65	390.00
10	900.00	-0.13	0.01	-0.02	-0.65	390.00
10	1200.00	-0.17	0.01	0.18	-0.65	390.00
10	1500.00	-0.22	0.02	0.37	-0.65	390.00
10	1800.00	-0.26	0.02	0.57	-0.65	390.00
10	2100.00	-0.30	0.02	0.76	-0.65	390.00
10	2400.00	-0.35	0.01	0.96	-0.65	390.00
10	2700.00	-0.39	0.00	1.15	-0.65	390.00
10	3000.00	-0.43	-0.01	1.35	-0.65	390.00
11	0.00	-0.43	-0.01	-1.37	-0.61	262.23
11	300.00	-0.46	-0.02	-1.18	-0.61	262.23
11	600.00	-0.49	-0.03	-1.00	-0.61	262.23
11	900.00	-0.52	-0.04	-0.81	-0.61	262.23
11	1200.00	-0.55	-0.04	-0.63	-0.61	262.23
11	1500.00	-0.58	-0.03	-0.45	-0.61	262.23
11	1800.00	-0.61	-0.03	-0.26	-0.61	262.23
11	2100.00	-0.64	-0.02	-0.08	-0.61	262.23
11	2400.00	-0.67	-0.02	0.10	-0.61	262.23
11	2700.00	-0.70	-0.01	0.29	-0.61	262.23
11	3000.00	-0.72	-0.01	0.47	-0.61	262.23
12	0.00	-0.72	-0.01	-1.80	-1.59	135.98
12	300.00	-0.74	0.00	-1.32	-1.59	135.98
12	600.00	-0.75	0.01	-0.84	-1.59	135.98

12	900.00	-0.77	0.03	-0.37	-1.59	135.98
12	1200.00	-0.79	0.05	0.11	-1.59	135.98
12	1500.00	-0.80	0.06	0.58	-1.59	135.98
12	1800.00	-0.82	0.08	1.06	-1.59	135.98
12	2100.00	-0.83	0.09	1.54	-1.59	135.98
12	2400.00	-0.85	0.09	2.01	-1.59	135.98
12	2700.00	-0.86	0.09	2.49	-1.59	135.98
12	3000.00	-0.88	0.07	2.97	-1.59	135.98
13	0.00	0.00	0.00	9.42	9.33	179.10
13	300.00	-0.02	-0.02	6.63	9.33	179.10
13	600.00	-0.04	-0.07	3.83	9.33	179.10
13	900.00	-0.06	-0.13	1.03	9.33	179.10
13	1200.00	-0.08	-0.20	-1.77	9.33	179.10
13	1500.00	-0.10	-0.26	-4.57	9.33	179.10
13	1800.00	-0.12	-0.31	-7.37	9.33	179.10
13	2100.00	-0.14	-0.32	-10.17	9.33	179.10
13	2400.00	-0.16	-0.28	-12.97	9.33	179.10
13	2700.00	-0.18	-0.19	-15.76	9.33	179.10
13	3000.00	-0.20	-0.02	-18.56	9.33	179.10
14	0.00	-0.20	-0.02	24.14	15.01	119.17
14	300.00	-0.21	0.13	19.64	15.01	119.17
14	600.00	-0.23	0.20	15.13	15.01	119.17
14	900.00	-0.24	0.20	10.63	15.01	119.17
14	1200.00	-0.25	0.15	6.13	15.01	119.17
14	1500.00	-0.27	0.07	1.62	15.01	119.17
14	1800.00	-0.28	-0.01	-2.88	15.01	119.17
14	2100.00	-0.29	-0.08	-7.38	15.01	119.17
14	2400.00	-0.30	-0.12	-11.88	15.01	119.17
14	2700.00	-0.32	-0.11	-16.39	15.01	119.17
14	3000.00	-0.33	-0.02	-20.89	15.01	119.17
15	0.00	-0.33	-0.02	25.95	20.63	58.08
15	300.00	-0.34	0.06	19.76	20.63	58.08
15	600.00	-0.34	0.05	13.57	20.63	58.08
15	900.00	-0.35	-0.02	7.38	20.63	58.08
15	1200.00	-0.36	-0.12	1.19	20.63	58.08
15	1500.00	-0.36	-0.23	-5.00	20.63	58.08
15	1800.00	-0.37	-0.32	-11.19	20.63	58.08
15	2100.00	-0.38	-0.36	-17.38	20.63	58.08
15	2400.00	-0.38	-0.31	-23.57	20.63	58.08
15	2700.00	-0.39	-0.17	-29.76	20.63	58.08
15	3000.00	-0.40	0.11	-35.95	20.63	58.08
16	0.00	-0.02	-0.20	42.70	59.93	-5.68
16	500.00	-0.02	-0.74	15.86	47.43	-5.68
16	1000.00	-0.02	-1.49	-4.73	34.93	-5.68
16	1500.00	-0.02	-2.18	-19.07	22.43	-5.68
16	2000.00	-0.02	-2.65	-27.16	9.93	-5.68
16	2500.00	-0.02	-2.78	-29.01	-2.57	-5.68
16	3000.00	-0.01	-2.57	-24.60	-15.07	-5.68
16	3500.00	-0.01	-2.05	-13.94	-27.57	-5.68
16	4000.00	-0.01	-1.38	2.97	-40.07	-5.68

16	4500.00	-0.01	-0.74	26.13	-52.57	-5.68
16	5000.00	-0.01	-0.43	55.53	-65.07	-5.68
17	0.00	-0.01	-0.43	52.82	62.71	-5.72
17	500.00	-0.01	-0.67	24.60	50.21	-5.72
17	1000.00	-0.01	-1.22	2.62	37.71	-5.72
17	1500.00	-0.01	-1.80	-13.11	25.21	-5.72
17	2000.00	-0.01	-2.23	-22.59	12.71	-5.72
17	2500.00	-0.01	-2.39	-25.82	0.21	-5.72
17	3000.00	0.00	-2.24	-22.80	-12.29	-5.72
17	3500.00	0.00	-1.81	-13.53	-24.79	-5.72
17	4000.00	0.00	-1.22	2.00	-37.29	-5.72
17	4500.00	0.00	-0.66	23.77	-49.79	-5.72
17	5000.00	0.00	-0.40	51.79	-62.29	-5.72
18	0.00	0.00	-0.40	51.79	62.29	-5.72
18	500.00	0.00	-0.66	23.77	49.79	-5.72
18	1000.00	0.00	-1.22	2.00	37.29	-5.72
18	1500.00	0.00	-1.81	-13.53	24.79	-5.72
18	2000.00	0.00	-2.24	-22.80	12.29	-5.72
18	2500.00	0.01	-2.39	-25.82	-0.21	-5.72
18	3000.00	0.01	-2.23	-22.59	-12.71	-5.72
18	3500.00	0.01	-1.80	-13.11	-25.21	-5.72
18	4000.00	0.01	-1.22	2.62	-37.71	-5.72
18	4500.00	0.01	-0.67	24.60	-50.21	-5.72
18	5000.00	0.01	-0.43	52.82	-62.71	-5.72
19	0.00	0.01	-0.43	55.53	65.07	-5.68
19	500.00	0.01	-0.74	26.13	52.57	-5.68
19	1000.00	0.01	-1.38	2.97	40.07	-5.68
19	1500.00	0.01	-2.05	-13.94	27.57	-5.68
19	2000.00	0.01	-2.57	-24.60	15.07	-5.68
19	2500.00	0.02	-2.78	-29.01	2.57	-5.68
19	3000.00	0.02	-2.65	-27.16	-9.93	-5.68
19	3500.00	0.02	-2.18	-19.07	-22.43	-5.68
19	4000.00	0.02	-1.49	-4.73	-34.93	-5.68
19	4500.00	0.02	-0.74	15.86	-47.43	-5.68
19	5000.00	0.02	-0.20	42.70	-59.93	-5.68
20	0.00	-0.02	-0.33	46.84	61.09	-5.62
20	500.00	-0.02	-0.78	19.42	48.59	-5.62
20	1000.00	-0.02	-1.47	-1.75	36.09	-5.62
20	1500.00	-0.02	-2.15	-16.67	23.59	-5.62
20	2000.00	-0.01	-2.63	-25.34	11.09	-5.62
20	2500.00	-0.01	-2.80	-27.76	-1.41	-5.62
20	3000.00	-0.01	-2.64	-23.93	-13.91	-5.62
20	3500.00	-0.01	-2.19	-13.85	-26.41	-5.62
20	4000.00	-0.01	-1.57	2.48	-38.91	-5.62
20	4500.00	-0.01	-0.99	25.06	-51.41	-5.62
20	5000.00	-0.01	-0.72	53.89	-63.91	-5.62
21	0.00	-0.01	-0.72	51.62	62.33	-4.65
21	500.00	-0.01	-0.99	23.58	49.83	-4.65
21	1000.00	-0.01	-1.55	1.79	37.33	-4.65
21	1500.00	-0.01	-2.14	-13.76	24.83	-4.65

21	2000.00	-0.01	-2.56	-23.05	12.33	-4.65
21	2500.00	0.00	-2.71	-26.09	-0.17	-4.65
21	3000.00	0.00	-2.54	-22.88	-12.67	-4.65
21	3500.00	0.00	-2.10	-13.42	-25.17	-4.65
21	4000.00	0.00	-1.50	2.29	-37.67	-4.65
21	4500.00	0.00	-0.93	24.25	-50.17	-4.65
21	5000.00	0.00	-0.67	52.46	-62.67	-4.65
22	0.00	0.00	-0.67	52.46	62.67	-4.65
22	500.00	0.00	-0.93	24.25	50.17	-4.65
22	1000.00	0.00	-1.50	2.29	37.67	-4.65
22	1500.00	0.00	-2.10	-13.42	25.17	-4.65
22	2000.00	0.00	-2.54	-22.88	12.67	-4.65
22	2500.00	0.00	-2.71	-26.09	0.17	-4.65
22	3000.00	0.01	-2.56	-23.05	-12.33	-4.65
22	3500.00	0.01	-2.14	-13.76	-24.83	-4.65
22	4000.00	0.01	-1.55	1.79	-37.33	-4.65
22	4500.00	0.01	-0.99	23.58	-49.83	-4.65
22	5000.00	0.01	-0.72	51.62	-62.33	-4.65
23	0.00	0.01	-0.72	53.89	63.91	-5.62
23	500.00	0.01	-0.99	25.06	51.41	-5.62
23	1000.00	0.01	-1.57	2.48	38.91	-5.62
23	1500.00	0.01	-2.19	-13.85	26.41	-5.62
23	2000.00	0.01	-2.64	-23.93	13.91	-5.62
23	2500.00	0.01	-2.80	-27.76	1.41	-5.62
23	3000.00	0.01	-2.63	-25.34	-11.09	-5.62
23	3500.00	0.02	-2.15	-16.67	-23.59	-5.62
23	4000.00	0.02	-1.47	-1.75	-36.09	-5.62
23	4500.00	0.02	-0.78	19.42	-48.59	-5.62
23	5000.00	0.02	-0.33	46.84	-61.09	-5.62
24	0.00	0.11	-0.40	35.95	58.08	20.63
24	500.00	0.11	-1.15	10.04	45.58	20.63
24	1000.00	0.10	-2.03	-9.63	33.08	20.63
24	1500.00	0.10	-2.81	-23.04	20.58	20.63
24	2000.00	0.09	-3.30	-30.20	8.08	20.63
24	2500.00	0.09	-3.43	-31.12	-4.42	20.63
24	3000.00	0.09	-3.18	-25.78	-16.92	20.63
24	3500.00	0.08	-2.62	-14.19	-29.42	20.63
24	4000.00	0.08	-1.89	3.64	-41.92	20.63
24	4500.00	0.07	-1.21	27.73	-54.42	20.63
24	5000.00	0.07	-0.88	58.06	-66.92	20.63
25	0.00	-0.10	-0.87	55.10	63.99	32.22
25	509.90	-0.11	-1.12	25.72	51.24	32.22
25	1019.80	-0.11	-1.71	2.85	38.49	32.22
25	1529.71	-0.12	-2.34	-13.53	25.74	32.22
25	2039.61	-0.13	-2.80	-23.41	13.00	32.22
25	2549.51	-0.13	-2.97	-26.78	0.25	32.22
25	3059.41	-0.14	-2.80	-23.66	-12.50	32.22
25	3569.31	-0.14	-2.34	-14.04	-25.25	32.22
25	4079.22	-0.15	-1.70	2.09	-37.99	32.22
25	4589.12	-0.16	-1.09	24.71	-50.74	32.22

25	5099.02	-0.16	-0.82	53.84	-63.49	32.22
26	0.00	0.16	-0.82	53.84	63.49	32.22
26	509.90	0.16	-1.09	24.71	50.74	32.22
26	1019.80	0.15	-1.70	2.09	37.99	32.22
26	1529.71	0.14	-2.34	-14.04	25.25	32.22
26	2039.61	0.14	-2.80	-23.66	12.50	32.22
26	2549.51	0.13	-2.97	-26.78	-0.25	32.22
26	3059.41	0.13	-2.80	-23.41	-13.00	32.22
26	3569.31	0.12	-2.34	-13.53	-25.74	32.22
26	4079.22	0.11	-1.71	2.85	-38.49	32.22
26	4589.12	0.11	-1.12	25.72	-51.24	32.22
26	5099.02	0.10	-0.87	55.10	-63.99	32.22
27	0.00	-0.07	-0.88	58.06	66.92	20.63
27	500.00	-0.07	-1.21	27.73	54.42	20.63
27	1000.00	-0.08	-1.89	3.64	41.92	20.63
27	1500.00	-0.08	-2.62	-14.19	29.42	20.63
27	2000.00	-0.09	-3.18	-25.78	16.92	20.63
27	2500.00	-0.09	-3.43	-31.12	4.42	20.63
27	3000.00	-0.09	-3.30	-30.20	-8.08	20.63
27	3500.00	-0.10	-2.81	-23.04	-20.58	20.63
27	4000.00	-0.10	-2.03	-9.63	-33.08	20.63
27	4500.00	-0.11	-1.15	10.04	-45.58	20.63
27	5000.00	-0.11	-0.40	35.95	-58.08	20.63