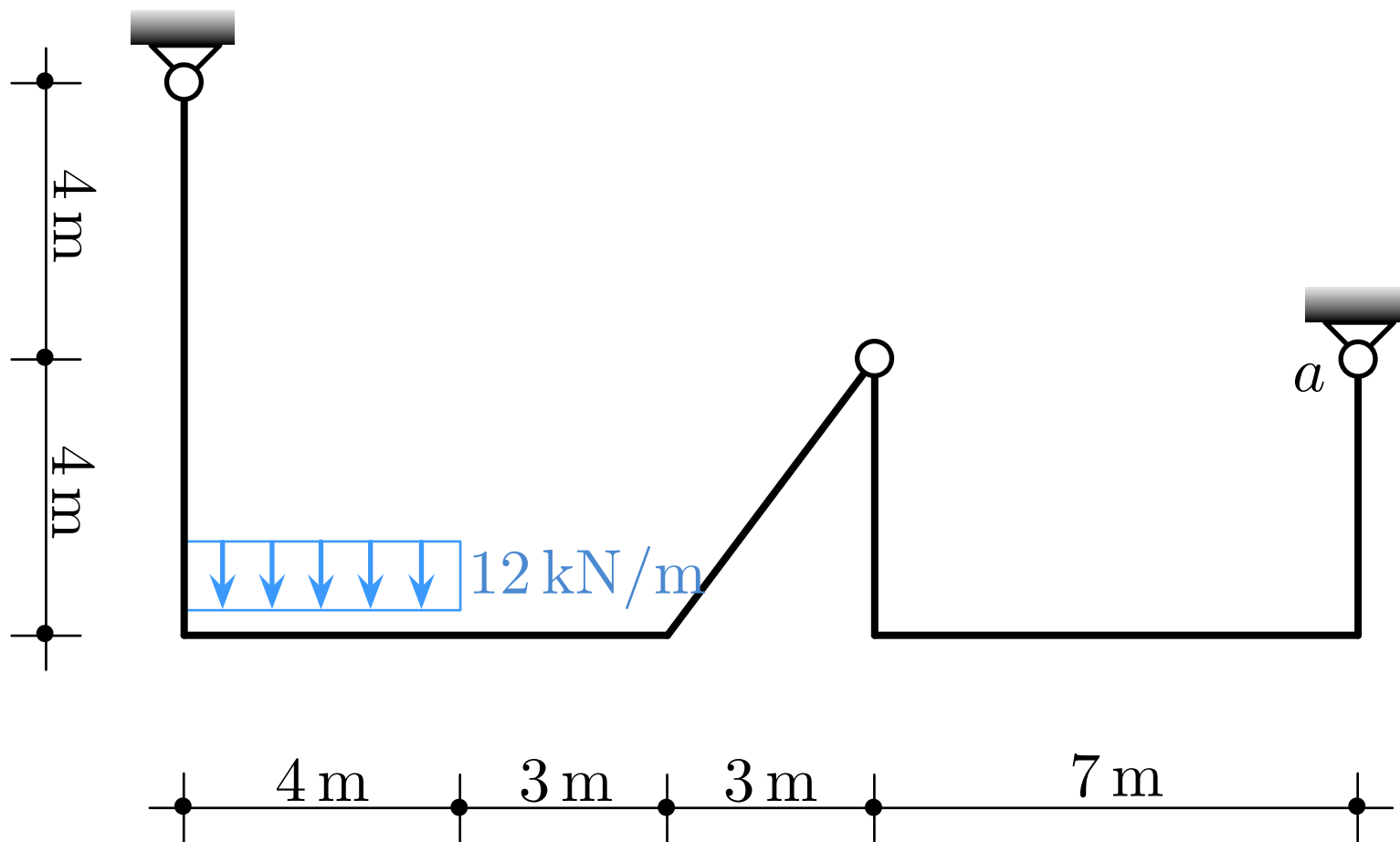
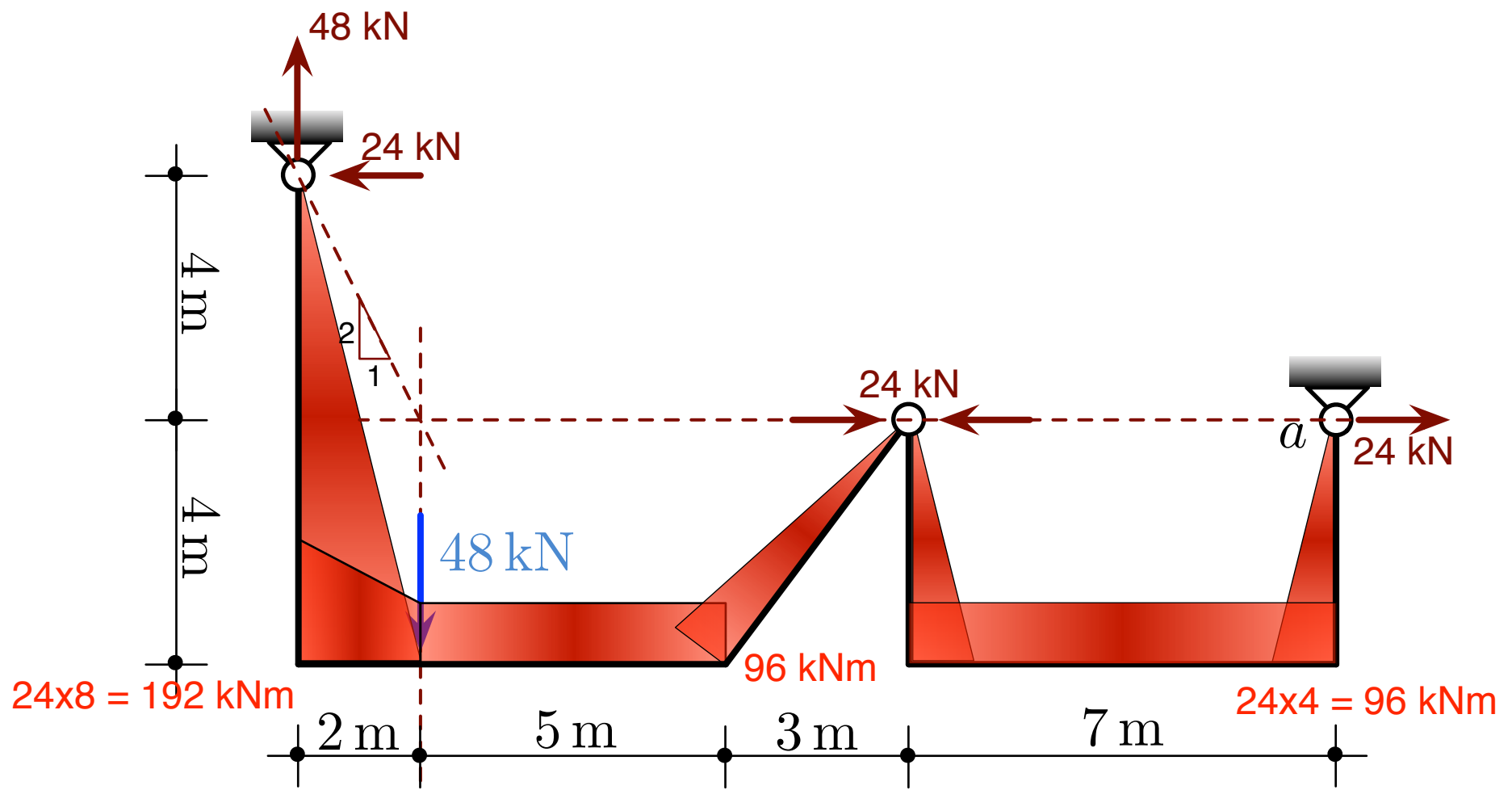


TRACCIA A

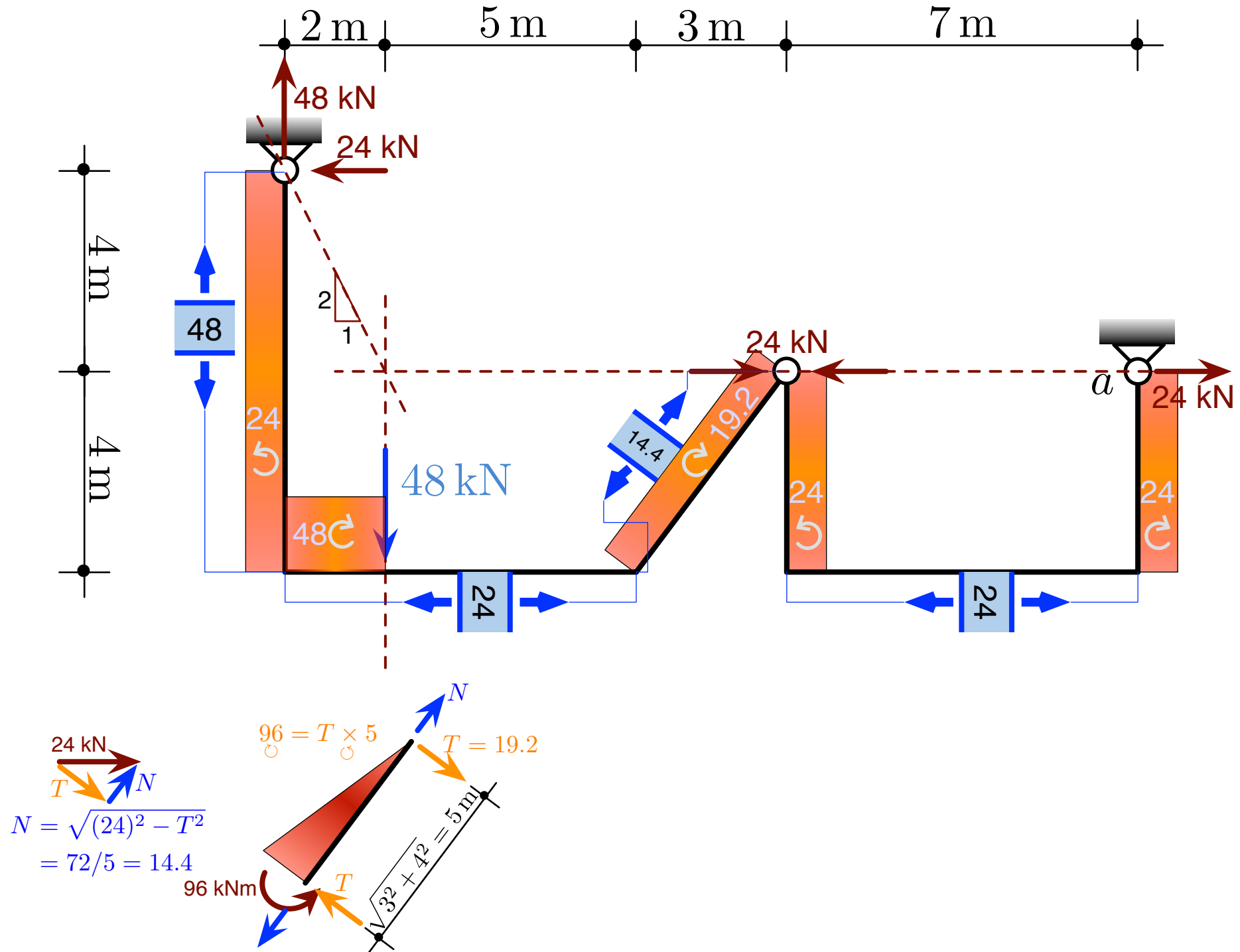


SCHEMA 0: diagramma Mo

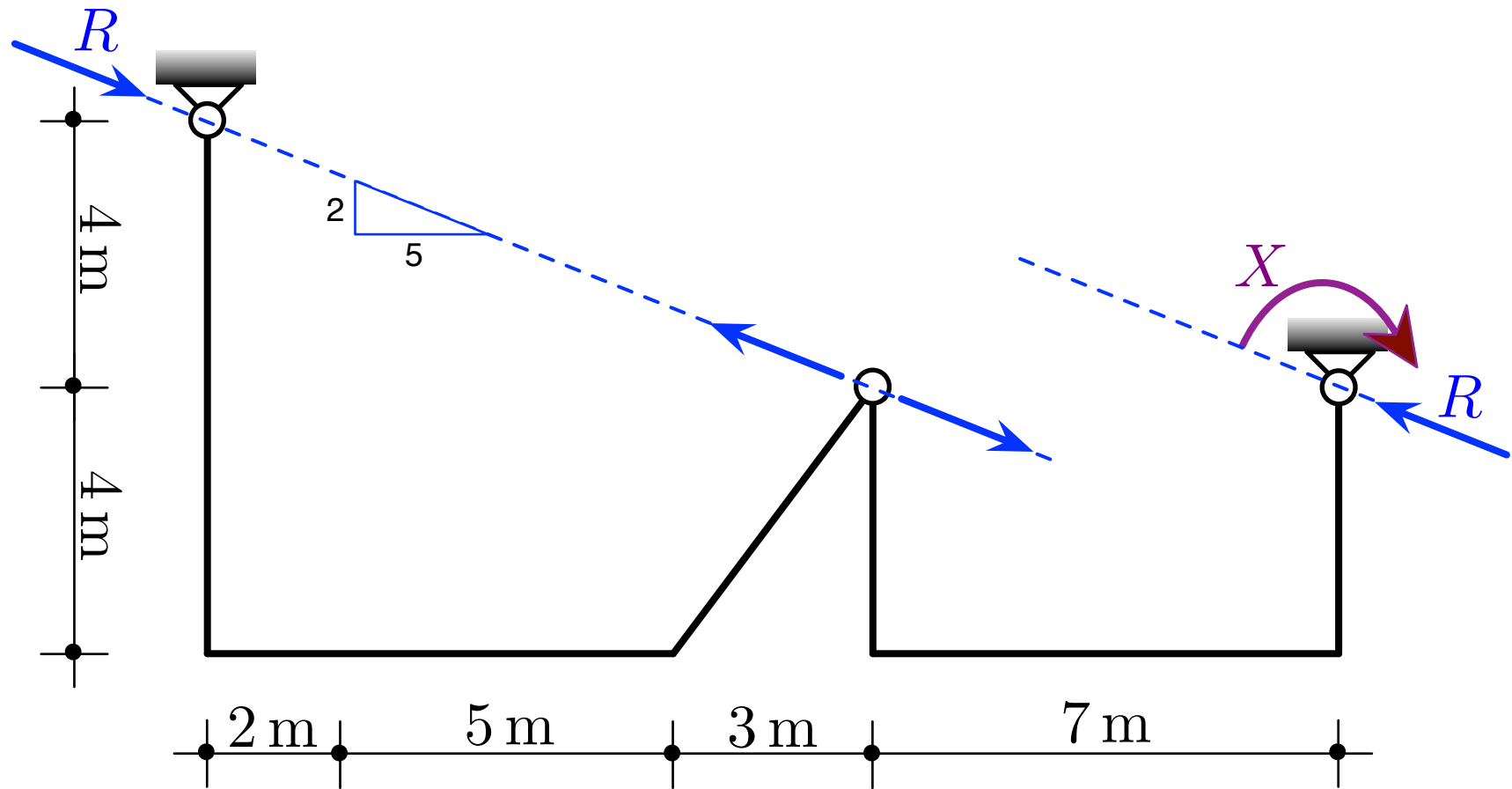


$$\lambda_s 192 = M_u \quad \longrightarrow \quad \lambda_s = \frac{500}{192} = \frac{125}{48} \approx 2.6$$

SCHEMA 0: diagramma To (No sovrapposto)



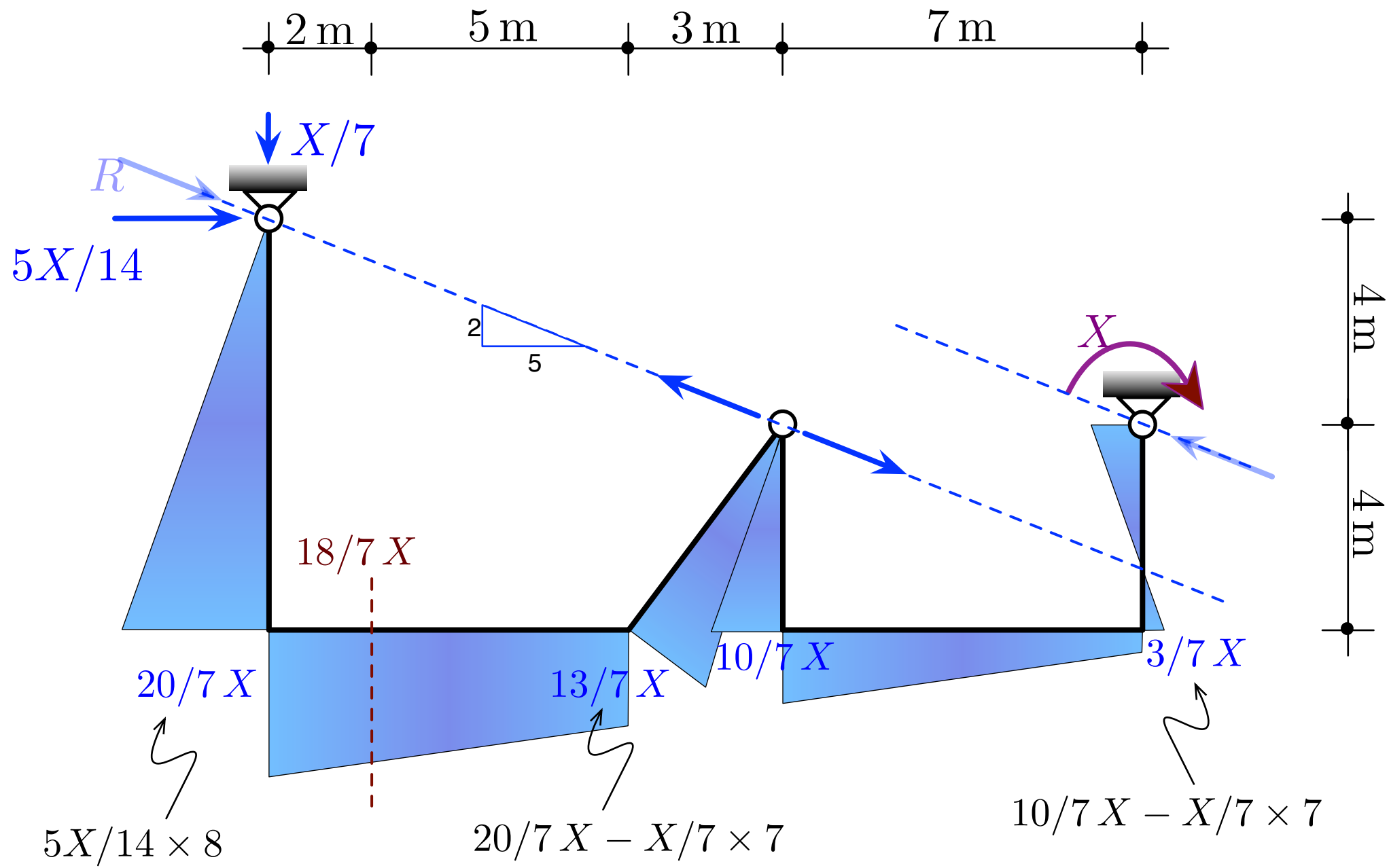
SCHEMA X: reazioni vincolari



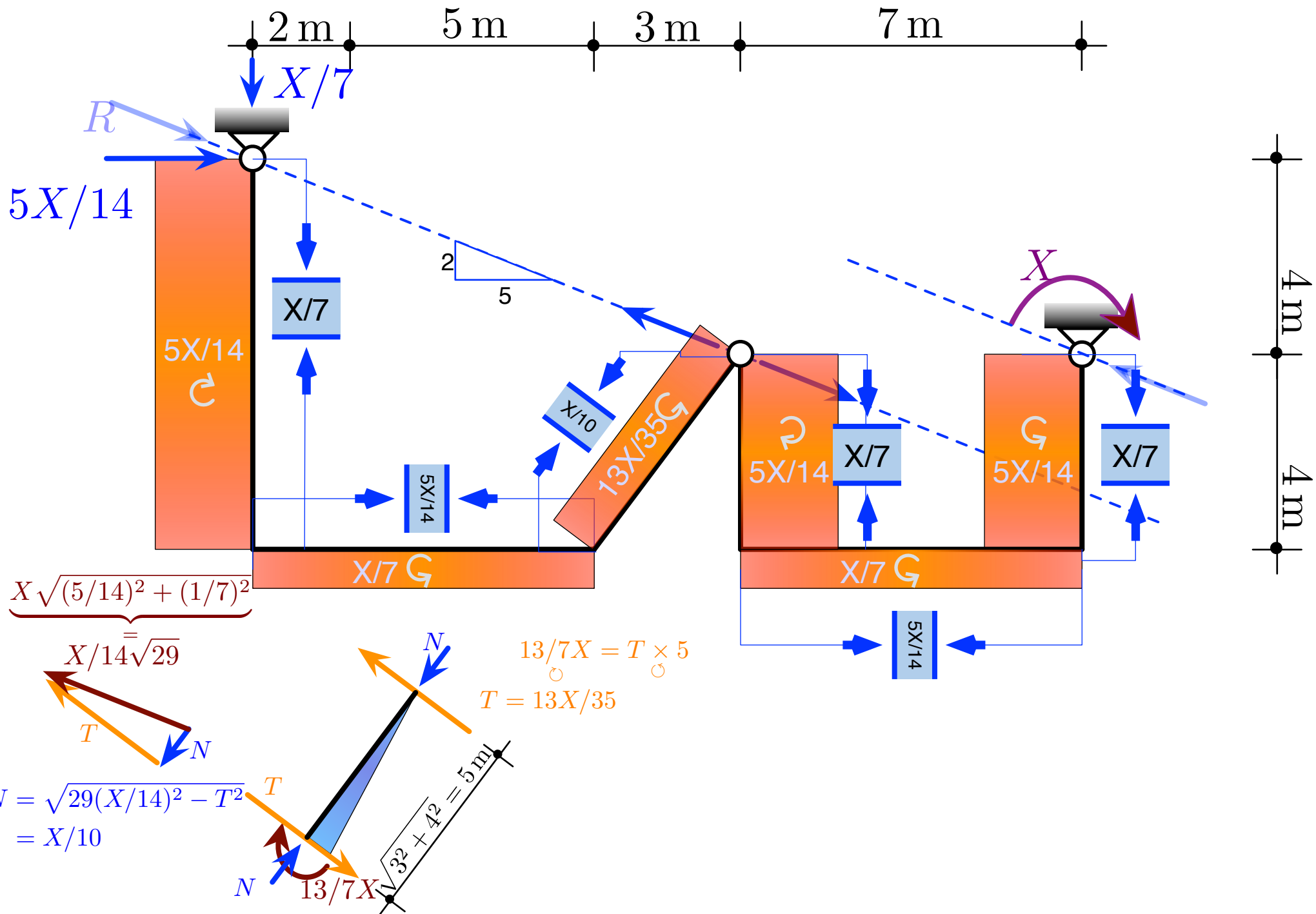
EQL
LOCALE
DX

$$X = R_v \times 7 \longrightarrow R_v = X/7 \longrightarrow R_o = R_v \cdot 5/2 \equiv 5X/14$$

SCHEMA X: diagramma Mx



SCHEMA X: diagramma Tx (Nx sovrapposto)



SCHEMA IPERSTATICO: diagramma Mo+Mx

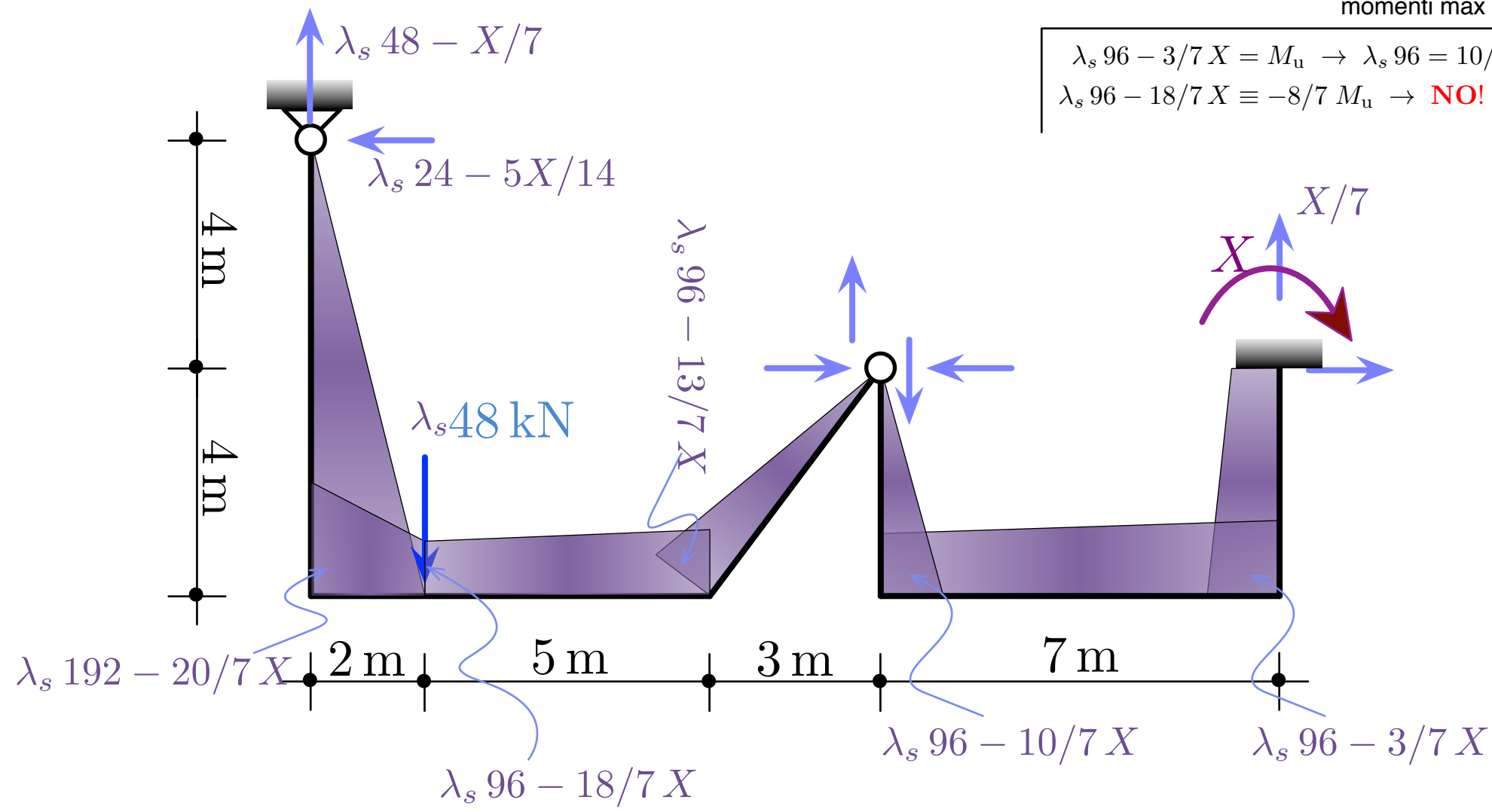
1o tentativo

$$X = M_u$$

momenti max = M_u

$$\lambda_s 96 - 3/7 X = M_u \rightarrow \lambda_s 96 = 10/7 M_u$$

$$\lambda_s 96 - 18/7 X \equiv -8/7 M_u \rightarrow \text{NO!}$$



momenti max = M_u

2o tentativo

$$\lambda_s 96 - 3/7 X = M_u$$

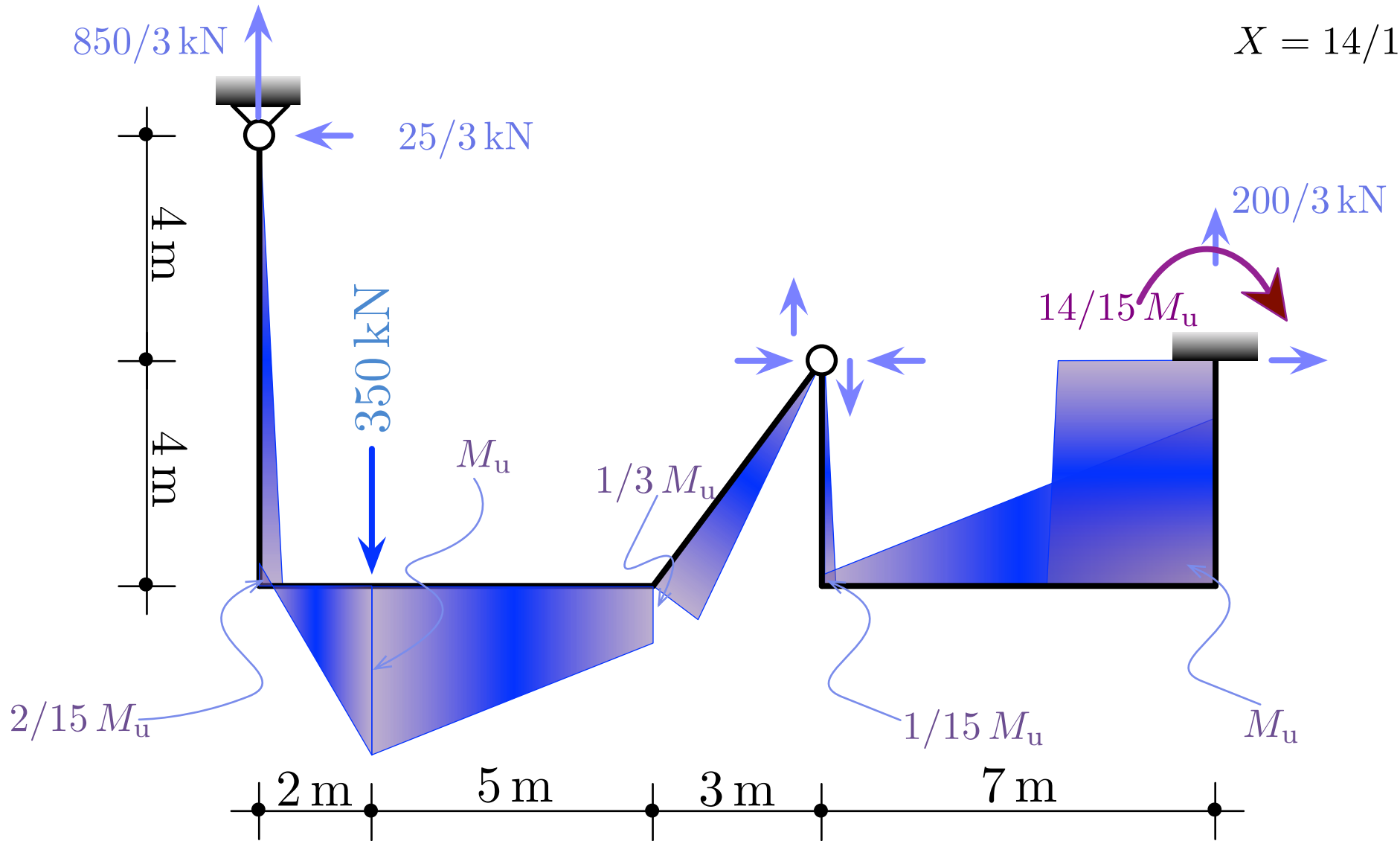
$$\lambda_s 96 - 18/7 X = -M_u \rightarrow X = 14/15 M_u$$

$$\lambda_s = \frac{14}{5} \frac{M_u}{192} \equiv \frac{175}{24} \approx 7.3$$

APPROCCIO STATICO: diagramma M ammissibile

$$\lambda_s = \frac{14}{5} \frac{M_u}{192} \equiv \frac{175}{24} \approx 7.3$$

$$X = 14/15 M_u$$



APPROCCIO CINEMATICO: 1o tentativo

