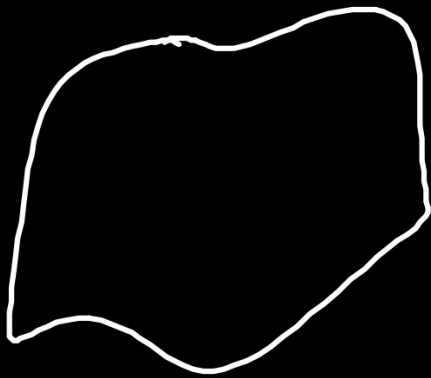


È EQUILIBRIO DEI  
CORP,

C. PUNTI FORNIE

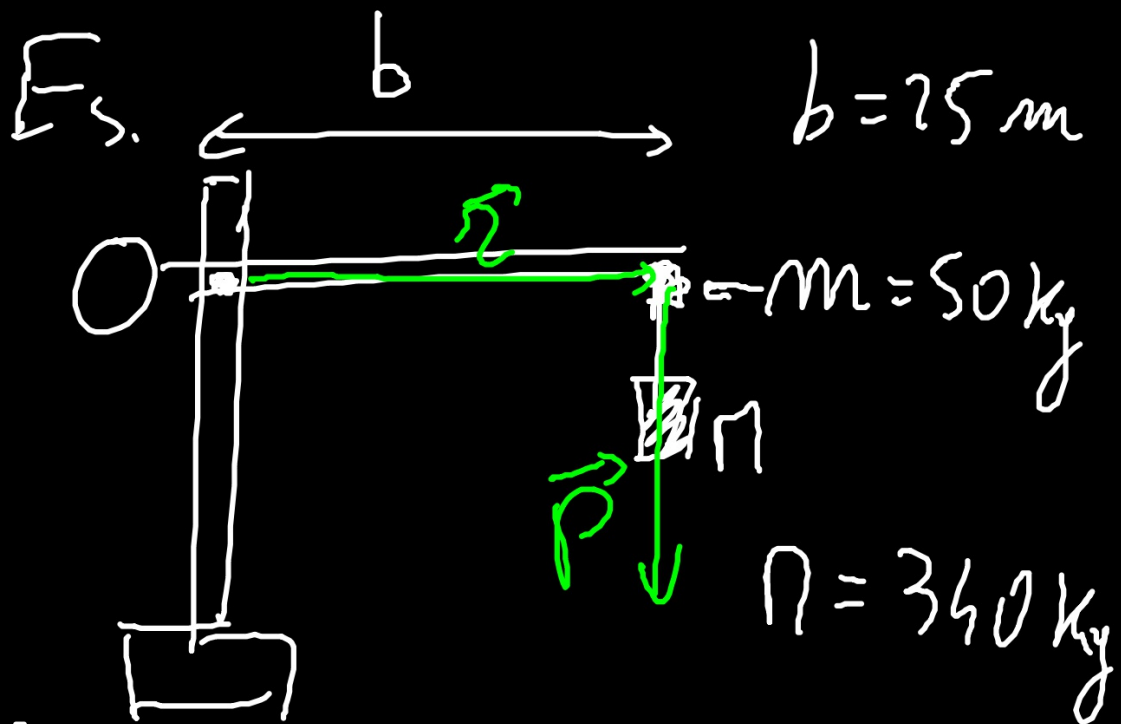
EQUIL.  $\rightarrow \sum_{RIS} \vec{F} = 0$

C. ELÁSTICO / RÍGIDO



$$\vec{F}_{RIS} = 0$$

$$\vec{M}_{RIS} = 0$$



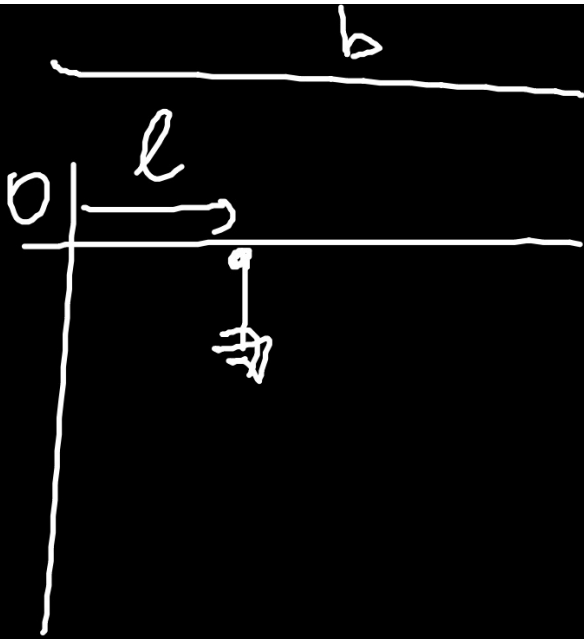
$$P = (m + n)g = 3826 \text{ N}$$

$$M_0 = b \cdot P \cdot \underbrace{\sin \alpha}_1$$

$$\approx b \cdot P$$

$$\approx 25 \text{ m} \cdot 3826 \text{ N}$$

$$\approx 95647,5 \text{ N} \cdot \text{m}$$



$$\Gamma = 72 \cdot 10^3 \text{ N}\cdot\text{m}$$

$$l = ?$$

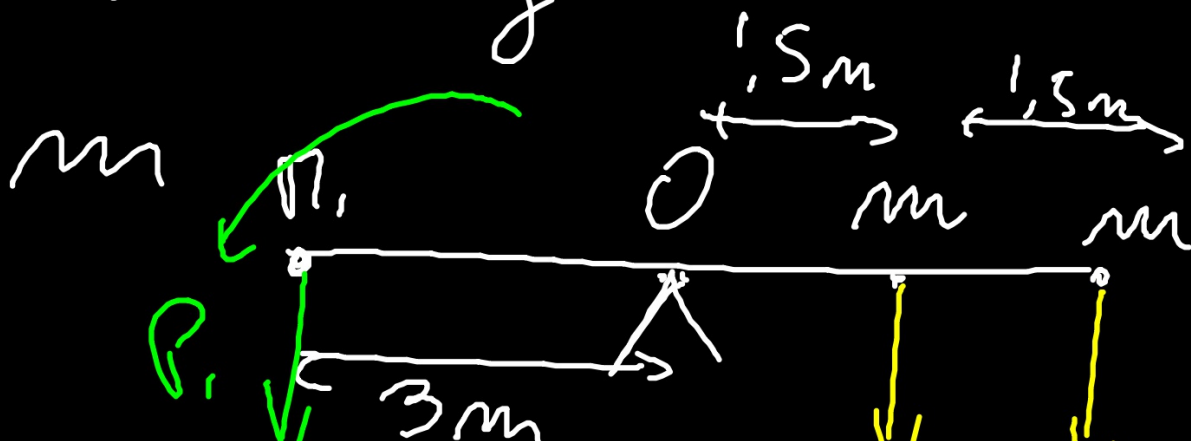
$$M = l \cdot P$$

$$l = M / P$$

$$l = \frac{72 \cdot 10^3 \text{ N} \cdot \text{m}}{3826 \text{ N}}$$
$$= 18.8 \text{ m}$$

Es. (C. Loure Arch. Fall  
2007/08)

$$M_1 = 60 \text{ Kg}$$



$$M_1 \cdot g \cdot l - m \cdot g \cdot \frac{l}{2} - m \cdot g \cdot l = 0$$

$$M_1 - \frac{m}{2} - m = 0$$

$$M_1 = \frac{m}{2} + m$$

$$M_1 = \frac{3}{2} m$$

$$m = \frac{2}{3} M_1 \quad F = 40 \text{ kg.}$$