

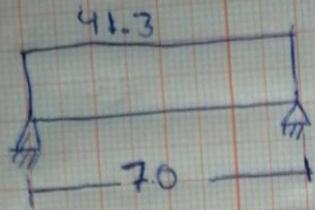
A dark blue vertical bar on the left side of the page. A blue arrow-shaped graphic points to the right from the bar, containing the date.

4-12-2022

RESISTENCIA DE MATERIALES DE CONSTRUCCION

A series of thin, curved lines in shades of blue and grey, originating from the bottom left and extending upwards and to the right, creating a sense of movement and design.

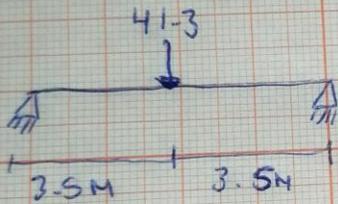
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$$I = \frac{0.25 \text{ m} (0.85 \text{ m})^3}{2}$$

$$I_y = 0.026765625 \text{ m}^4$$

$$I_x = 767,656.25 \text{ cm}^4$$



$$F = \frac{41.3 \text{ kg} (700 \text{ cm})^3}{48}$$

$$\frac{(250,000 \text{ kg/cm}^2) 767,656.25 \text{ cm}^4}{48}$$

$$= 0.00281 \text{ cm}$$

$$F = \frac{41.3 \text{ kg} (700 \text{ cm})^2}{16}$$

$$\frac{(250,000 \text{ kg/cm}^2) 767,656.25 \text{ cm}^4}{16}$$

$$\theta_A = \theta_B = 6.59051 \text{ cm}$$