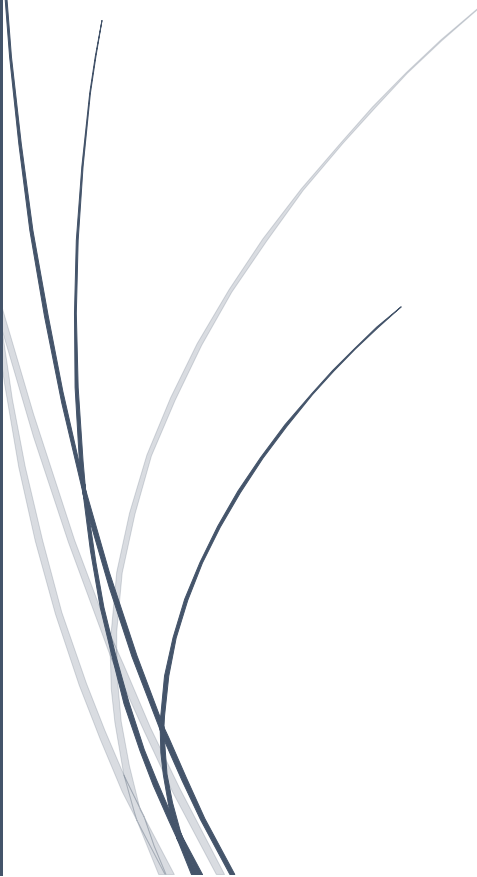
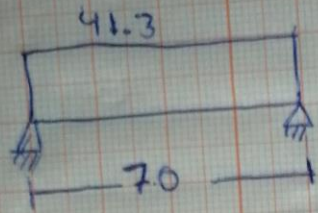
A dark blue vertical bar on the left side of the page. A blue arrow-shaped graphic points to the right from the bar, containing the date.

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 depth.

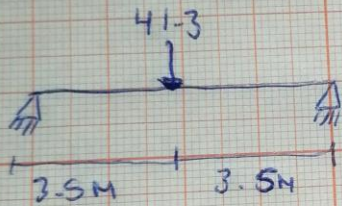
LILIANA VAZQUEZ MORENO
ARQ. PEDRO ALBERTO GARCIA LOPEZ
UNIDAD #4
4TO CUATRIMESTRE



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

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

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



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

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

$$= 0.00281 \text{ cm}$$

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

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

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