

UDS

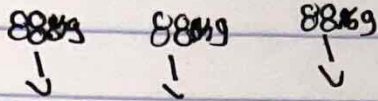
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Licenciatura: Arquitectura

Profesor: ARQ Pedro García López

Cuatrimestre: 4to

Materia: Resistencia de materiales

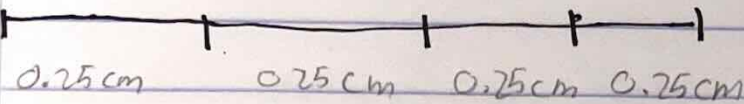


① Reacciones

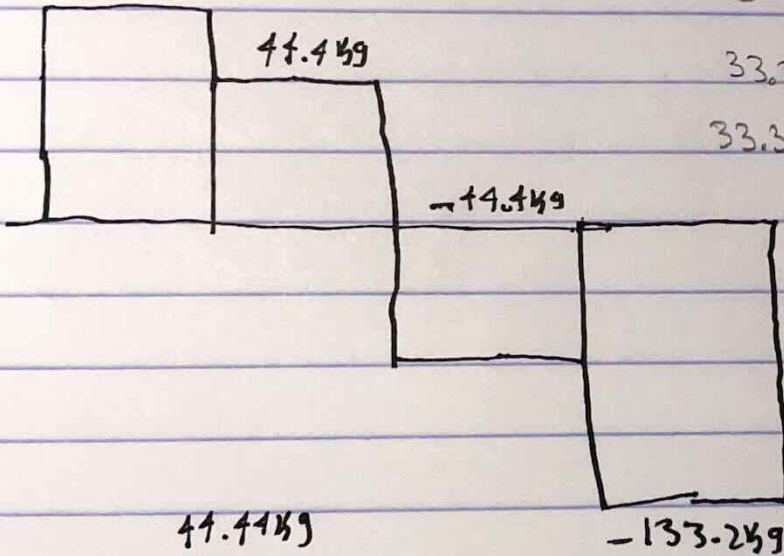
$$R_A = R_B = \frac{3F}{2}$$

$$\frac{3(88,800 \text{ kg})}{2}$$

$$R_A = R_B = 133.2 \text{ kg}$$



133.2 kg



$$0 + (0.25 \text{ cm} \times 133.2 \text{ kg}) = 33.3 \text{ kg} \cdot \text{cm}$$

$$33.3 \text{ kg} \cdot \text{cm} + (0.25 \text{ cm} \times -44.4 \text{ kg}) = 33.3 \text{ kg} \cdot \text{cm}$$

$$33.3 \text{ kg} \cdot \text{cm} + (0.25 \text{ cm} \times -133.2 \text{ kg}) = 0 \text{ kg} \cdot \text{cm}$$

44.4 kg

-133.2 kg

33.3 kg

33.3 kg

0 kg/cm

0 kg/cm

