



**JOSE MIGUEL ALFARO PEREZ**

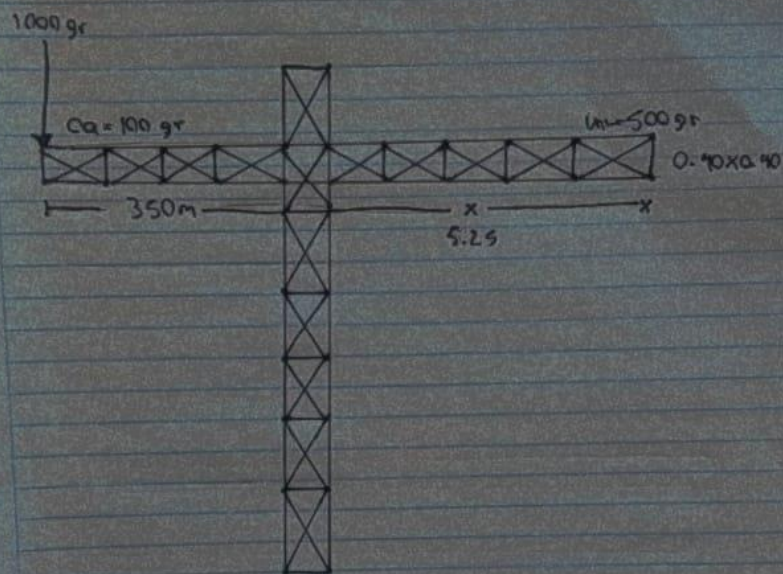
**ESTÁTICA PARA LA ARQUITECTURA**

**PEDRO ALBERTO GARCIA LOPEZ**

**TERCER CUATRIMESTRE**

**MOMENTOS DE INERCIA DE UNA SUPERFICIE**

**30 /JULIO/2023**



$$1000 \text{ gr} \times 3.500 = 3500$$

$$100 \text{ gr/m} \times 350 \text{ m} = 350 \times 1.75 = 612.5$$

$$3500 + 612.5 = 4,112.5$$

$$\sqrt{\frac{2m}{w}} \quad \sqrt{\frac{2(4,112.5)}{300 \text{ gr}}} = \frac{8.225}{300 \text{ gr}} = \sqrt{27.416}$$

$$5.2360 \text{ m}$$

$$\underline{5.25 \text{ m}}$$