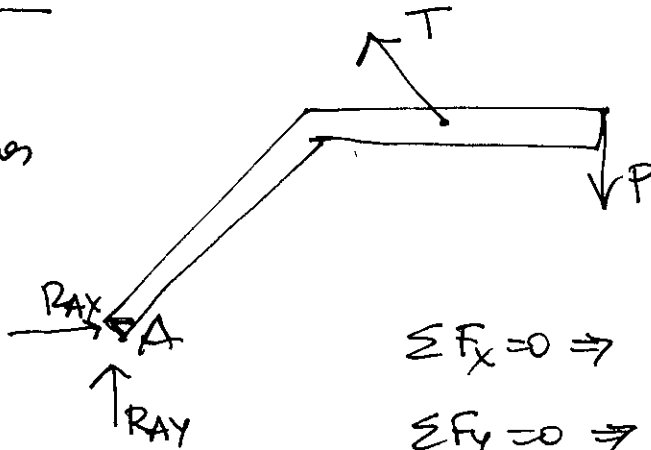




Entrega 1

1) Reacciones

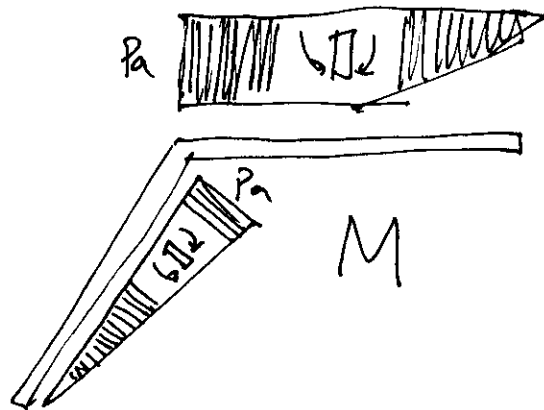
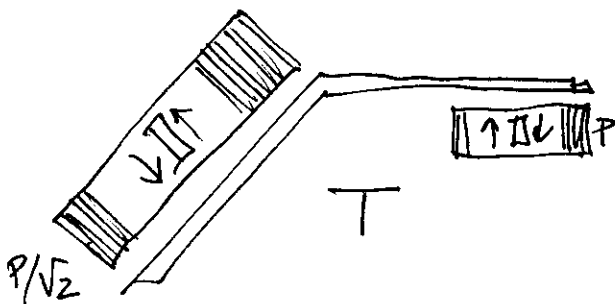
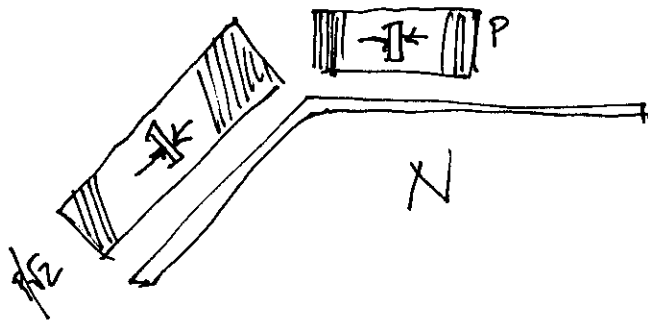


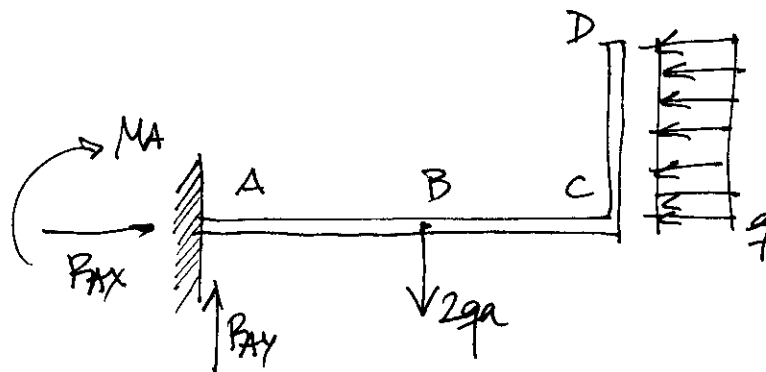
$$\sum F_x = 0 \Rightarrow R_{Ax} = T/\sqrt{2}$$

$$\sum F_y = 0 \Rightarrow R_{Ay} + T/\sqrt{2} = P \quad R_{Ay} = 0$$

$$\sum M_A = 0 \Rightarrow \frac{T}{\sqrt{2}} \cdot 2a + \frac{T}{\sqrt{2}} \cdot a = P \cdot 3a \Rightarrow T = P\sqrt{2}$$

2) Diagramas





$$P_{Ax} = qa, \quad P_{Ay} = 2qa, \quad M_A + 2qa^2 = qa \frac{a}{2}, \quad M_A = -\frac{3}{2} qa^2$$

