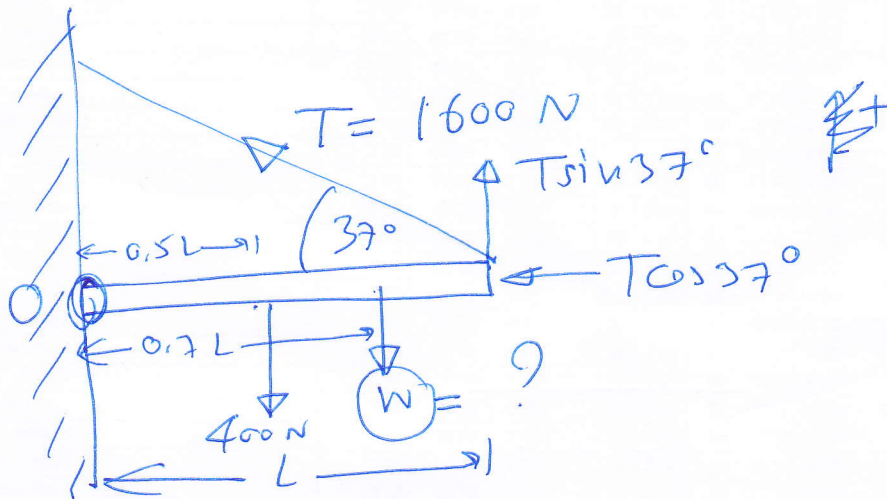


1682E2102

8.1



in da 0 $\sum \tau_{\text{surpa 0}} = 0$

$$\sum \tau_{\text{surpa 0}} = 0$$

$$(T \sin 37^\circ) L - 400(0.5L) - (0.7L)W = 0$$

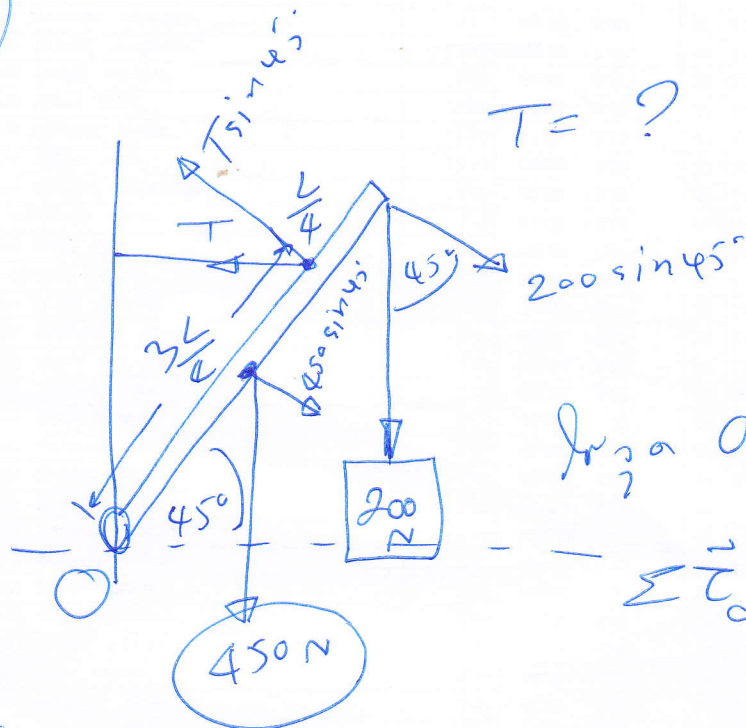
$$W = \frac{T \sin 37^\circ - 200}{0.7}$$

~~$T \sin 37^\circ = 400 + W$~~

$$W = \frac{1600 \times \frac{3}{5} - 200}{0.7} = 1085.7 \text{ N}$$

#

8.2

 $T = ?$

Prędkość 0 paucy

$$\sum \vec{\tau}_O = 0$$

$$(T \sin 45^\circ) \frac{3L}{4} - (200 \sin 45^\circ) L - (450) \frac{L}{2} \sin 45^\circ = 0$$

$$\frac{3T}{4} = \frac{200}{\cancel{2}} + \frac{450}{2} = \cancel{425}$$

$$\cancel{4 \times 425} =$$

$$= 425 \Rightarrow T = \frac{4 \times 425}{3} \text{ N}$$

$$T = 566.7 \text{ N} \quad \#$$