

Punto 7

$$m_1 = 6,9 \text{ kg}$$

$$m_2 = 2,4 \text{ kg}$$

$$\mu_s = 0,8$$

$$\theta = 37^\circ$$

Diagrama m_1 :

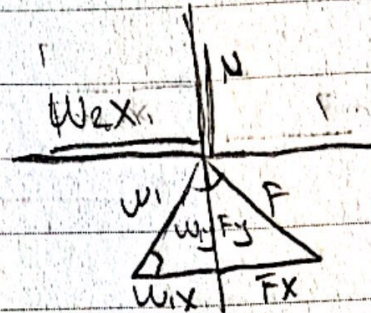
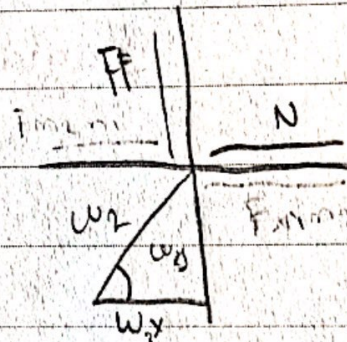


Diagrama m_2 :



$$\sum F_y$$

$$F_x = W_{1x} + W_{2x} \quad m_2$$

$$N$$

$$F = \frac{m_1 g \sin \theta + m_2 g \sin \theta}{\sin \theta \cos \theta}$$

Normales Mov.

$$N = m_2 g \cos \theta$$

$$N = 18,4 \text{ N}$$

$$F = 315,9 \text{ N}$$

$$F = m_2 g \cos \theta - N$$