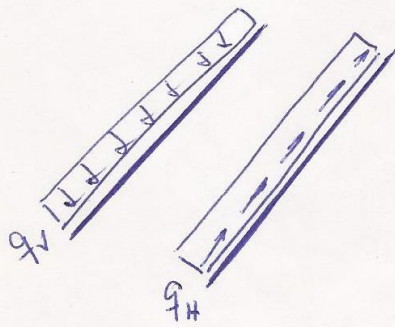
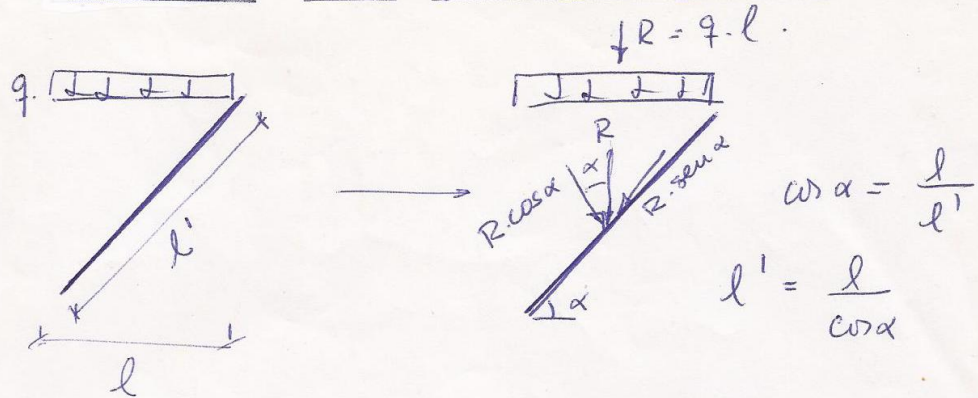


CARGAS sobre BARRAS INCLINADAS



$$R \cdot \cos \alpha = q_v \cdot l'$$

$$\Rightarrow q_v = \frac{R \cdot \cos \alpha}{l'} \quad (1)$$

$$R \cdot \sin \alpha = q_H \cdot l'$$

$$q_H = \frac{R \cdot \sin \alpha}{l'} \quad (2)$$

$$\text{de (1)} \quad \boxed{q_v = \frac{q \cdot l \cdot \cos^2 \alpha}{l} = q \cdot \cos^2 \alpha}$$

$$\text{de (2)} \quad \boxed{q_H = \frac{q \cdot l \cdot \sin \alpha \cdot \cos \alpha}{l} = q \cdot \sin \alpha \cdot \cos \alpha}$$