PAG. 517 N 33

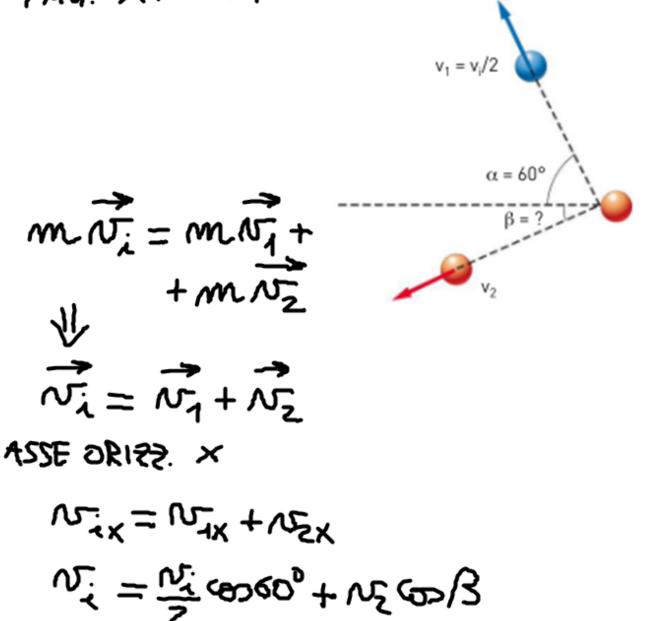
4)
$$V_{FILP} = \frac{19 \text{ kg·m}}{9,0050 \text{ kg}} = 380 \text{ M} = 38 \times 10^2 \text{ M}$$

PRIMA

$$K_{707} = K_p + K_c = \frac{1}{2} (0,0050 \, \text{kg}) (580 \, \text{mg})^2 = 8,4 \times 10^2 \, \text{J}$$

$$K_{707} = K_{p} + K_{c} = \frac{1}{2} (90050 \text{ kg}) (380 \frac{\text{M}}{2})^{2} + \frac{1}{2} (9200 \text{ kg}) (5,0 \frac{\text{M}}{2})^{2} = 3,6 \times 10^{2} \text{ J}$$

PA4. 517 N 34



$$\frac{y}{a_y} + \frac{1}{a_y} = \frac{1}{a_x}$$

$$\frac{1}{a_x} + \frac{1}{a_y} = \frac{1}{a_x}$$

ASSE VERTICALE 4

0 = Ni sin 60° - Nz sin B

 $\nabla_{x} = \frac{N_{x}}{2} \cdot \frac{1}{2} + N_{x} \cos \beta$ $A_{x} = \frac{N_{x}}{4} + \frac{N_{x} \cup 3}{4 \sin \beta}$ $A_{x} = \frac{1}{4} + \frac{N_{x}}{4} \cdot \frac{1}{\cos \beta}$ $A_{x} = \frac{1}{4} + \frac{N_{x}}{4} \cdot \frac{1}{\cos \beta}$

$$1 = \frac{1}{4} + \frac{\sqrt{3}}{4} \cdot \frac{1}{\tan 8}$$

$$1 - \frac{1}{4} = \frac{\sqrt{3}}{4} \cdot \frac{1}{\tan 3}$$

$$\frac{3}{4} = \frac{\sqrt{3}}{4} \cdot \frac{1}{1}$$

$$\frac{3}{4} = \frac{\sqrt{3}}{4} \cdot \frac{1}{\tan \beta}$$

$$\tan \beta = \frac{\sqrt{3}}{3} \quad \Rightarrow \quad \beta = 30^{\circ}$$

$$\cot \beta = \frac{\sqrt{3}}{3} \quad \cot \beta = \frac{3}{3} \quad \cot \beta = \frac{\sqrt{3}}{3} \quad \cot \beta = \frac{\sqrt{3}}{3} \quad \cot \beta = \frac{\sqrt{3}}{3} \quad$$

tan B = sin P