

# CORREZIONE TEST D'INGRESSO

$$S_i = S_0 + v \Delta t_i$$

$$S_1 = 50 \text{ m} \quad \Delta t_1 = 2,0 \text{ s}$$

$$S_2 = 90 \text{ m} \quad \Delta t_2 = 4,0 \text{ s}$$

$$R_1 \quad \left\{ \begin{array}{l} 50 = S_0 + v \cdot 2,0 \\ 90 = S_0 + v \cdot 4,0 \end{array} \right.$$

$$R_2 \quad \left\{ \begin{array}{l} 50 = S_0 + v \cdot 2,0 \\ 90 = S_0 + v \cdot 4,0 \end{array} \right.$$

$$2,0v = 40$$

$$S_0 = 50 - 2,0v$$

$$R_2 - R_1 \quad \underline{40 = 11 + 2,0v}$$

$$\left\{ \begin{array}{l} v = 20 \frac{\text{m}}{\text{s}} \\ S_0 = 50 - 2,0 \times 20 = 10 \text{ m} \end{array} \right.$$

$$S_0 = 50 - 2,0 \times 20 = 10 \text{ m}$$

$$S = S_0 + vt$$

$$S = 10 \text{ m} + \left( 20 \frac{\text{m}}{\text{s}} \right) t$$

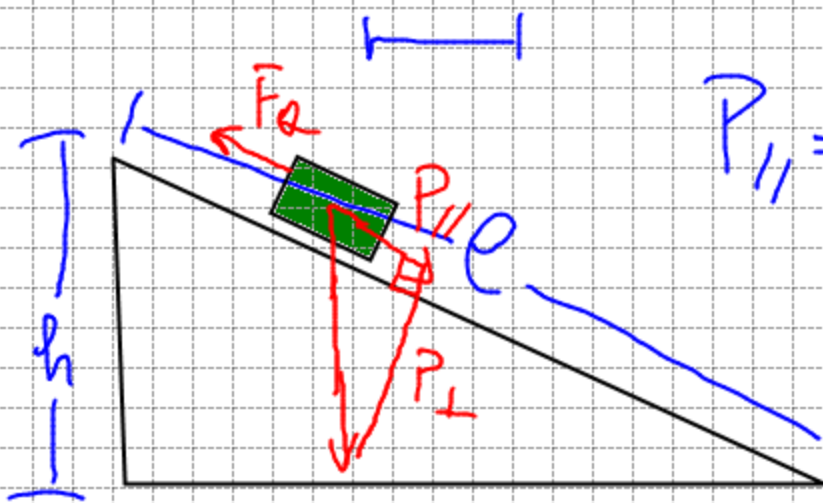
$$a_m = \frac{\Delta v}{\Delta t} = \frac{8,5 \text{ m/s}}{3,4 \text{ s}} = 2,5 \frac{\text{m}}{\text{s}^2}$$

$$\vec{F} = m a$$

$$P = m g$$

$$1 \text{ N} = 0,102 \text{ kg} \cdot g$$

$$g = 9,81 \frac{\text{m}}{\text{s}^2}$$



$$P_{||} = F_a$$

$$h:l = P_{||}:P$$

$$P_{||} = \frac{h \cdot P}{l}$$

$$F_a = \mu P_{\perp}$$

$$\mu = \frac{F_a}{P_{\perp}}$$