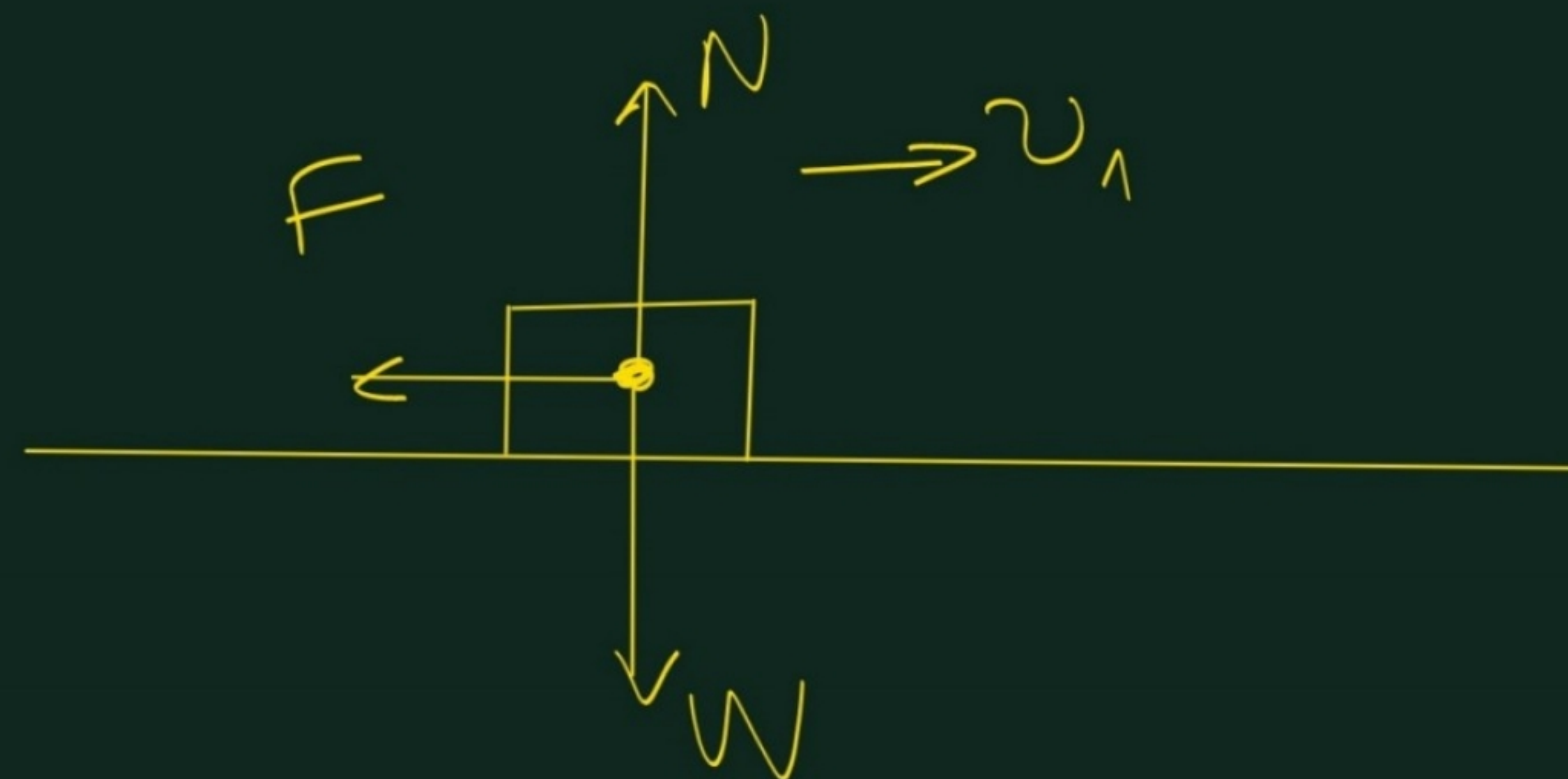


Αδμ. 8 632.107)



N = οριζόντι δύναμη (Normal force)

W = Weight (Βάρος)

Η κίνηση είναι ευθύγραμμη.

$$(v = v_0 - at)$$

$$v_2 = v_1 - a \cdot t \Rightarrow$$

$$5 = 10 - a \cdot 2 \Rightarrow$$

$$2a = 10 - 5 \Rightarrow$$

$$\frac{2a}{2} = \frac{5}{2} \Rightarrow a = 2,5 \text{ m/s}^2 \text{ (Θετική ευθεία κίνηση)}$$

$$\Sigma F = ma \Rightarrow F = ma \Rightarrow F = 10 \cdot 2,5 \Rightarrow F = 25 \text{ N.}$$

Apr. 11 682. 107-8.

