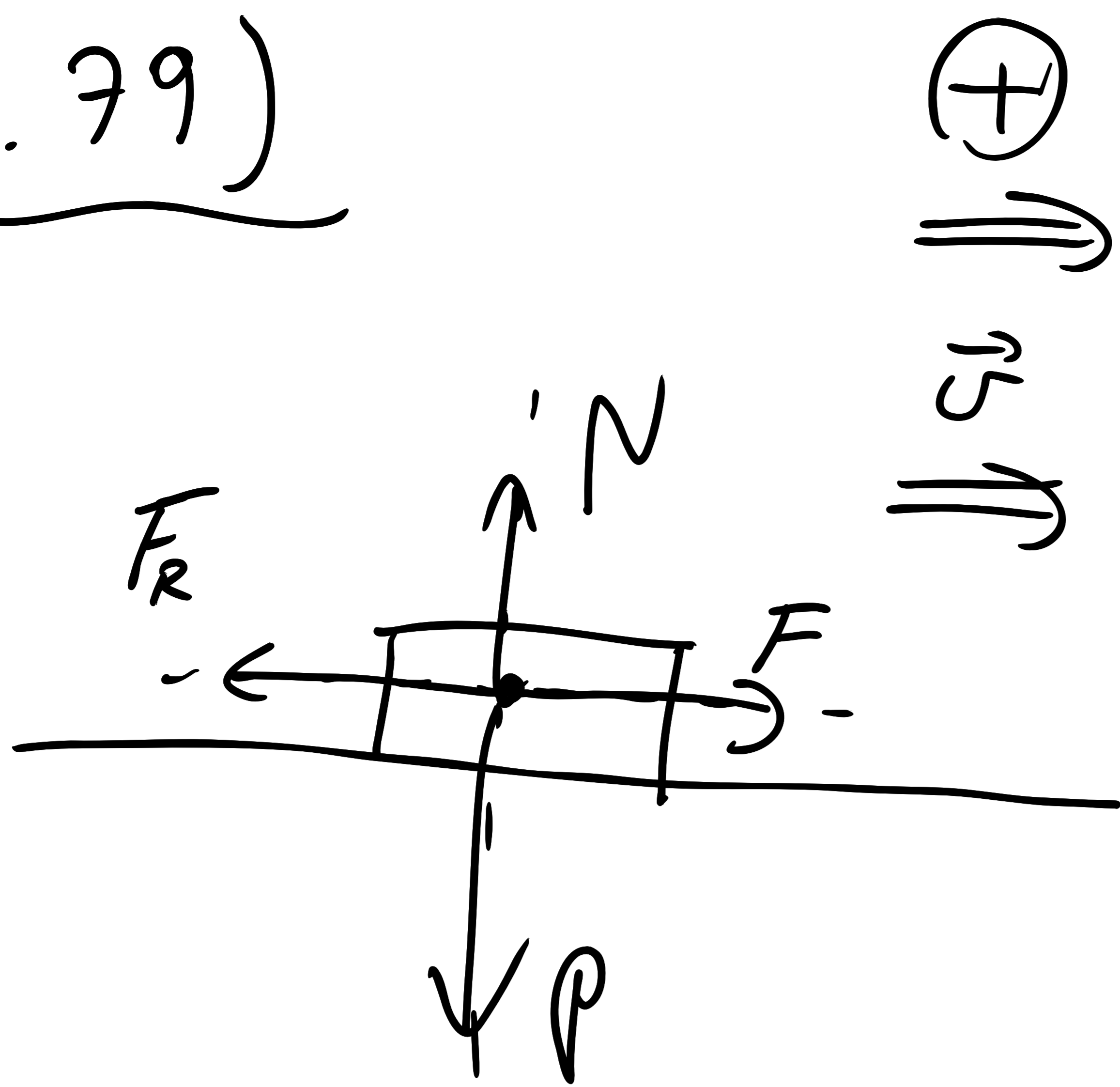


13°) (p. 79)



$$\boxed{\Sigma F = m \cdot a}$$

Eje X

$$F - F_R = m \cdot a$$

$$\downarrow v = \text{cte} \Rightarrow a = 0$$

$$F - F_R = 0$$

$$F = F_R$$

Eje Y

$$P - N = 0 \rightarrow P = N$$

$$N = P = m \cdot g = (2 \text{ kg}) \left(9.8 \frac{\text{m}}{\text{s}^2} \right)$$

$$N = 19.6 \text{ kg} \cdot \frac{\text{m}}{\text{s}^2} \equiv \underline{\underline{19.6 \text{ N}}}$$

$$F = \mu \cdot N = (0.15) \cdot (19.6 \text{ N}) = 2.94 \text{ N}$$

$$\boxed{F = 2.94 \text{ N}}$$