

alž. Janh.

nebezpečná

P_F

Těleso $m = 5 \text{ kg}$.

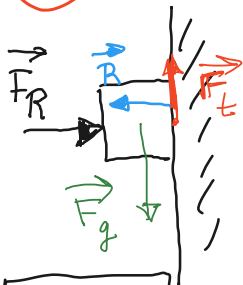
Udři F_R (minimální),
aby bedna neklouzala.

$$f = 0,2.$$

$$m = 5 \text{ kg}$$

$$f = 0,2$$

$$F_R (\text{min}) = ?$$



$$\vec{F}_V = \vec{0}$$

$$\vec{F}_R + \vec{R} + \vec{F}_g + \vec{F}_t = \vec{0}$$

$$\vec{0}$$

$$\vec{0}$$

$$\textcircled{1} \underline{F_R = R}$$

$$\textcircled{2} \underline{F_g = F_t}$$

$$\underline{mg = f \cdot F_N}$$

$$\underline{F_R = \frac{mg}{f}} = \frac{5 \cdot 10}{0,2} = \frac{500}{2}$$

F_R

250 N

F_N

↑