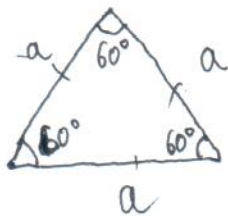


$$B = 0,1 \text{ m}$$

$F_{TP} - ?$



20

Дано:

$$m = 1 \text{ кг}$$

$$L < h$$

$$M = 2 \text{ кг}$$

$$\alpha_k = 90^\circ$$

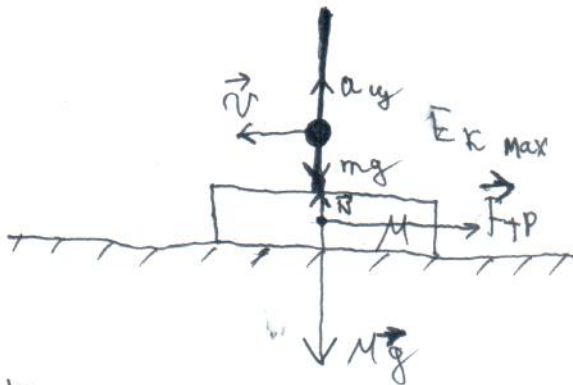
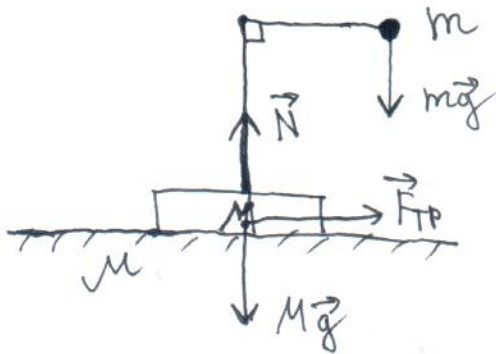
$$\mu = 0,2$$

$\alpha - ?$

Решение:

$\sqrt{1}$

$E_{n \max}$



$$F_{TP \text{ hor. max}} = \mu N = \mu Mg$$

$$E_n = mgh$$

$$E_k = \frac{mv^2}{2}$$

$$a_y = \frac{v^2}{R}$$

~~$$v = \sqrt{2gh}$$~~

$$v = \sqrt{2gh}$$

18