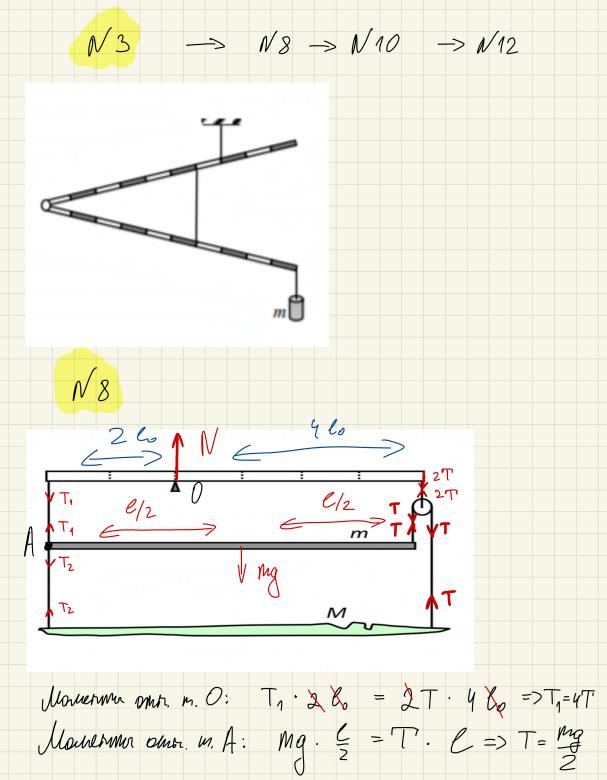
Cemurap N_{cy} = 0, 4 H N_B = Mg - N_{cy} = 1H - 0,4H = 0,6 H

Omrocumuloso morna Montetun curse Froben ryus (utocare morna) Monusum un gre rebote nonobusur omso- $Moj \cdot \frac{\partial}{2} + T \cdot Q = N \cdot Q$ $T = \frac{5m \cdot 10 \, H/m}{2} = \frac{5m \cdot$



Cymula cui que consporal: $MQ + T_2 = T_1 + T$ $5T = S_{mg}$ $T_2 = \frac{5}{2} m_0 - m_0 = \frac{3}{2} m_0$ Cymua che que yyga: VT2 + T = Mg M = 2 M13, 15, 16, 18 N12 Manetimer ones. m. A $N_{B} \cdot \left(\frac{L}{Z} - x_{C}\right) = m_{Q} \cdot x_{C}$ Beparuie aupmer: Momentumen omer, m. C $M_{Q} \cdot \frac{L}{2} = N_{B} \cdot \left(\frac{L}{2} + x\right)$ $N_B = \frac{mgL}{2(\frac{k}{2}+\kappa)} = \frac{mgL}{L+2\kappa}$

$$\frac{mg L}{L+2x} \left(\frac{L}{2} - x \right) = mg x$$

$$L \left(\frac{L}{2} - x \right) = x \left(L+2x \right)$$

$$L^{2} - 2 Lx = 2Lx + 9x^{2}$$

$$4x^{2} + 44Lx - L^{2} = 0$$

$$D = 16L^{2} + 4L^{2} \cdot 9 = 32L^{2}$$

$$x = -xL + 9RL = L \left(\frac{S^{2}-1}{2} \right) \approx 17$$

$$17 2 \cdot x = L$$

$$17 3 - x = 17$$

$$17$$

15 NQ - noutras planeres T = 10 H $M-\frac{2}{\cdot}$ $\ell_{T} = r + \frac{r}{2} = \frac{3}{2}r$ CT = mg. Cmg 3 r.T = mg. r mq = 3T $m = \frac{3T}{9} = 3m$ N17 Cemman 9 = 4

$$tg\beta = \frac{7 \sqrt{3}}{8/4} = \frac{7 \sqrt{3}}{3}$$

$$N18$$

$$F_{mn} = \mu(N), \qquad \mu - 2$$

$$Q = N + F_{mn}$$

$$Q = N + \mu N$$

$$\mu = 2$$

$$\mu = \frac{2}{M} = \cot \theta = \frac{3}{3}$$

$$M21 \longrightarrow 222$$

= 7 J3 C

 $h = \frac{2}{2} \cdot \sin 600 + \frac{e/2}{\cos 300} = \frac{2}{2} \cdot \frac{3}{2} + \frac{1}{2}$

 $\frac{1}{2.5} = \frac{2.5}{4} + \frac{1}{5} = \frac{2.5 \cdot 3}{4 \cdot 3} + \frac{2.5}{3.4}$

Jr - ?

Borgaron C Muzue K K K AX 1) Cullenplul. Mobare le npabare ugetimierra $\frac{2}{2\pi} \int_{0}^{2\pi} \frac{1}{2\pi} \int_{0}^{2\pi} \frac{1}$ N21

1 2 3

1) Tyons nymuto 2 re

Paemerymo.

T1

T2

T3

Ing

rpomuloperue. 2) Thymeutia 1 cenama, 01 2 - paemetryma,

1-ae

3) $4x_1$ $4x_2$ $4x_3$ unimitive nouverine $4x_1 + 4x_1$ $4x_2 + 4x_3$ 0x2+0x1

$$\frac{\Delta x_{3} + \Delta x_{1}}{\Delta x_{2} + \delta x_{1}} = \frac{1}{7} = 2 \Delta x_{2} + 2 \Delta x_{1} = \Delta x_{3} + \delta x_{1}$$

$$\frac{\Delta x_{3} + \Delta x_{1}}{\Delta x_{2} + \delta x_{1}} = \frac{1}{7} = 2 \Delta x_{2} + 2 \Delta x_{1}$$

$$\frac{\Delta x_{3} + \Delta x_{1}}{\Delta x_{2} + \delta x_{1}} = \frac{1}{7} = 2 \Delta x_{2} + \delta x_{1}$$

$$\frac{\Delta x_{3} + \Delta x_{1}}{\Delta x_{1}} = \frac{1}{7} = \frac{1}{7$$

N24 you I man M- Macca bello nonyvousya morogoi - R . M2+ + M. y sind X 4/1 = R. M. 22 = M.

