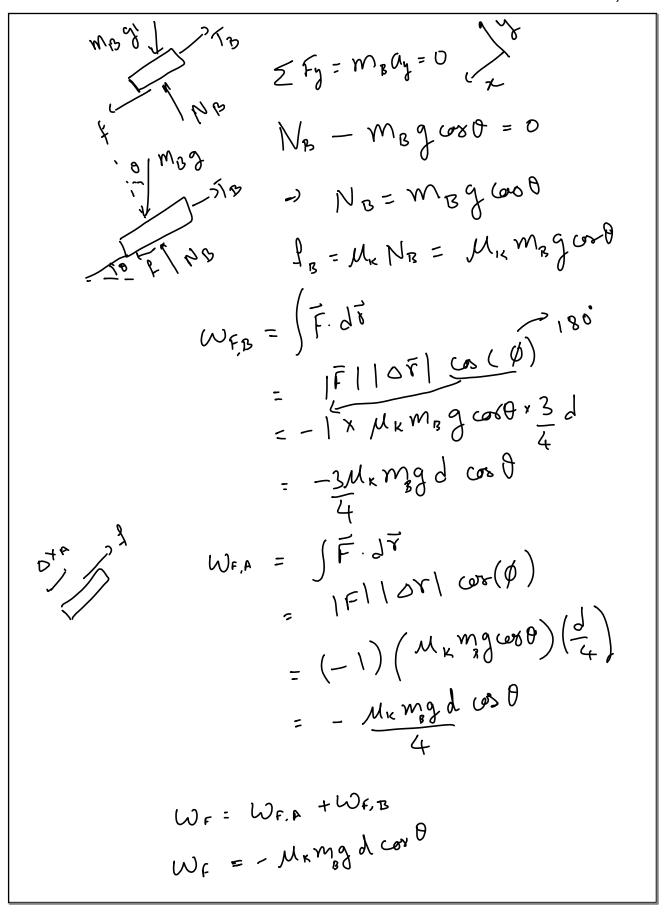


, Μ<sup>2</sup> 2 <sup>M8</sup>  $\mathcal{M}_{\mathbf{h}}$ MB Ms ≈ O, Mx=·1 0 VA, VB=0. relo displacement is dy Ka-Ka=di me og compute  $W_F = ?, W_T = 0, W_N = 0$ 1 pm Ne D computing displacents  $3\chi_A + \chi_B + C = L$ 20 3 5× A + 2×B=0 34, 10,0 ι/ 02A - 02B = d  $\Delta X_{A} = \frac{d}{d} / \Delta X_{B} = -\frac{3d}{d}$ 3 x A + X B + C = [] ふ  $3 \chi_{a_2} + \chi_{B_2} + k = 4$ Ģ.  $3(\chi_{A_1}-\chi_{A_2})+(\chi_{B_1}-\chi_{B_2})=0$ 3 5× + 5× = 0



$$T_{1} = 0, \quad V_{1} = m_{A}gh_{A} + m_{B}gh_{B}$$

$$H^{*} = -X_{A} \sin \theta$$

$$h_{B} = -X_{B} \sin \theta$$

$$h_{B} = -X_{B} \sin \theta$$

$$T_{1} = 0, \quad V_{1} = -m_{A}gX_{A} \sin \theta$$

$$-m_{B}gX_{B} \sin \theta$$

$$T_{L} = \frac{1}{2}m_{A}V_{A}^{2} + \frac{1}{2}m_{B}V_{B}^{2}$$

$$V_{L} = -m_{A}g(X_{A} + \delta X_{A}) \sin \theta$$

$$V_{L} = -m_{B}g(X_{B} + \delta X_{B}) \sin \theta$$

$$W_{F} = -M_{K}m_{B}d \cos \theta$$

$$(U_{1-2})_{F} + \overline{J}_{1} + V_{1} = \overline{J}_{2} + V_{2}$$

$$-\mu m_{B} g d \cos \theta + 0 - m_{B} \lambda_{A} \sin \theta$$

$$- m_{B} g^{2} \lambda_{B} \sin \theta$$

$$= \frac{1}{2} m_{A} V_{A}^{2} + \frac{1}{2} m_{B} V_{B}^{2} - m_{A} g (V_{A} + \Delta x_{A}) \sin \theta$$

$$- m_{B} g (V_{A} + \Delta x_{B}) \sin \theta$$

$$- m_{B} g (V_{B} + \Delta x_{B}) \sin \theta$$

$$- m_{B} g \Delta x_{A} \sin \theta$$

$$- m_{B} g \Delta x_{B} \sin \theta$$

$$-\mu m_{B} g d \cos \theta = \frac{1}{2} m_{A} V_{A}^{2} + \frac{1}{2} m_{B} V_{B}^{2}$$

$$-\mu m_{B} g d \cos \theta = \frac{1}{2} m_{A} V_{A}^{2} + \frac{1}{2} m_{B} V_{B}^{2}$$

$$-\mu m_{B} g d \sin \theta$$

$$\frac{1}{2} m_{A} V_{A}^{2} + \frac{1}{2} m_{B} V_{B}^{2} = (\frac{m_{A} - 3m_{B}}{4}) g d \sin \theta$$

$$\frac{1}{2} (m_{A} + 9m_{B}) V_{A}^{2} = (\frac{m_{A} - 3m_{B}}{4}) g d \sin \theta$$

$$-\mu m_{B} g d \cos \theta$$

$$-\mu m_{B} g d \cos \theta$$

$$V_{A} = (\frac{(m_{A} - 3m_{B})g d \sin \theta - 4 \mu m_{B} g d \cos \theta}{2 (m_{A} + 9m_{B})}$$