

m2, m,

$$R^{\epsilon}_{x} = 0 \Rightarrow P_{x} = cost / [M_{1}N_{1x} + M_{2}N_{2x} = 0]$$

$$\int_{1}^{\infty} \int_{1}^{\infty} \int_{1$$

$$V_{1,x}' = V_{1,x} - V_{2x}$$

$$\overline{\sigma}'_{1}(k') = 0$$
  $\Longrightarrow N_{1x}(k') = N_{2x}(k')$ 

$$* \Rightarrow V_{m} = V_{in} = 0$$

DEm= DER + DEP = Mwc = DEm = mgh - mgh Fod No & Wac = Wmc, 1 + Wmc, 2 Wmc,  $z = -\mu m_1 g \ell_1$  (<0)

Wmc,  $z = -\mu m_1 g \ell_2$   $\ell_1 > 0$   $\ell_1 > 0$   $\ell_2 = \ell_2 d_3 = \ell_4$ = mm, pl2 (<0) Wmc = - mm, pl, + mm, pl2 = =  $\mu m_1 g(\ell_2 - \ell_1) = -\mu m_1 g \ell$ 

-mmgl=mg(h'-h) => h'=h-ml=0.18 m

$$\mathcal{N}_{2}(\mathcal{N}_{1}=0)=?$$
  $\Rightarrow$   $\mathcal{N}_{2,1}=0$ 

$$-\mu mgd = 0 - mgh \Rightarrow d = \frac{h}{\mu} = 2m$$