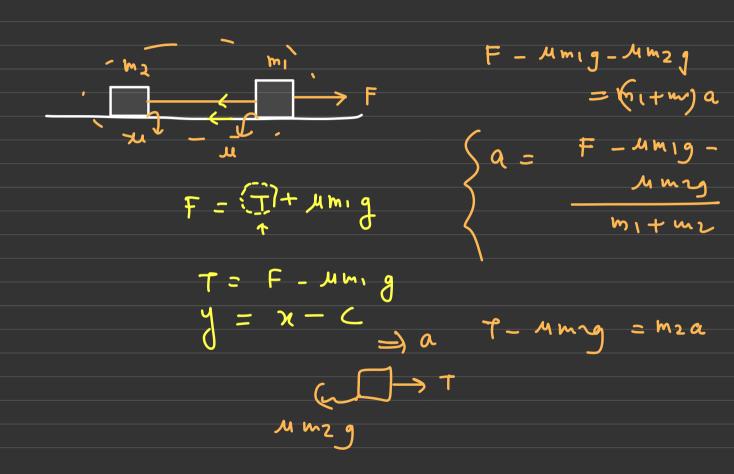
Dynamics 6



		f
		,

0-)



$$T = \mu_{m2} + \mu_{2} \left[\frac{F - \mu_{m1} g - \mu_{m2} g}{m_{1} + \mu_{2}} \right]$$

$$T = \mu_{m2} + \mu_{2} F - \mu_{m1} m_{1} - \mu_{m2} g$$

$$m_{1} + m_{2}$$

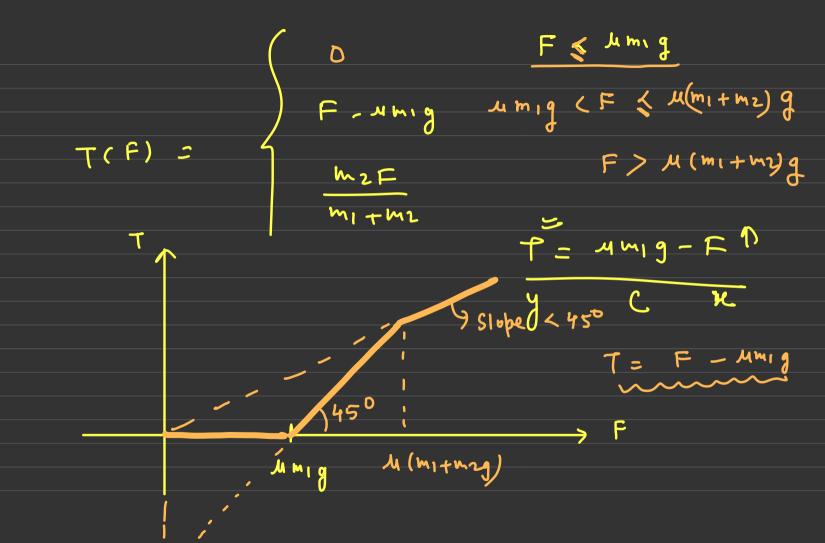
$$T = \mu_{m1} m_{1} g + \mu_{m2} g + \mu_{2} F - \mu_{m1} m_{1} g - \mu_{m2} g$$

$$m_{1} + m_{2}$$

$$m_{1} + m_{2}$$

$$m_{1} + m_{2}$$

$$m_{1} + m_{2}$$



97 = relative accelule & monkey w.r.+ 11111111 then find Monkey 720kg (1) acceledado -> 20 Kg Plank w.r. + gind amir = 2ml s 1 find fine after whire monkey reaches bottom? 209 = 40A - 80 + 20A L 209 60A = 200+ 80

$$arel = \frac{e}{3} + \frac{14}{3} = -\frac{22}{3} \text{ mis}^{2} - 3 = \frac{1}{2} - (\frac{22}{3})$$

$$4 + \frac{2}{3} = -3m$$



Srel = = Grett

fora (oncept: los is con Box. Obs at

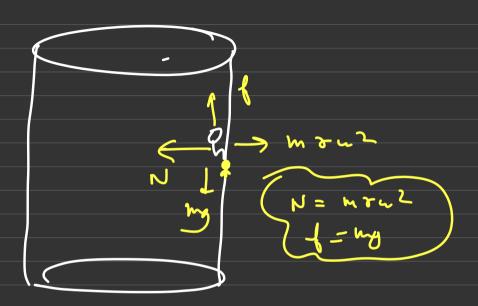
to correct Newton's second low, if
we want to calculate one elidi w. n + Non-inestial frame (see. fren we have show a france)

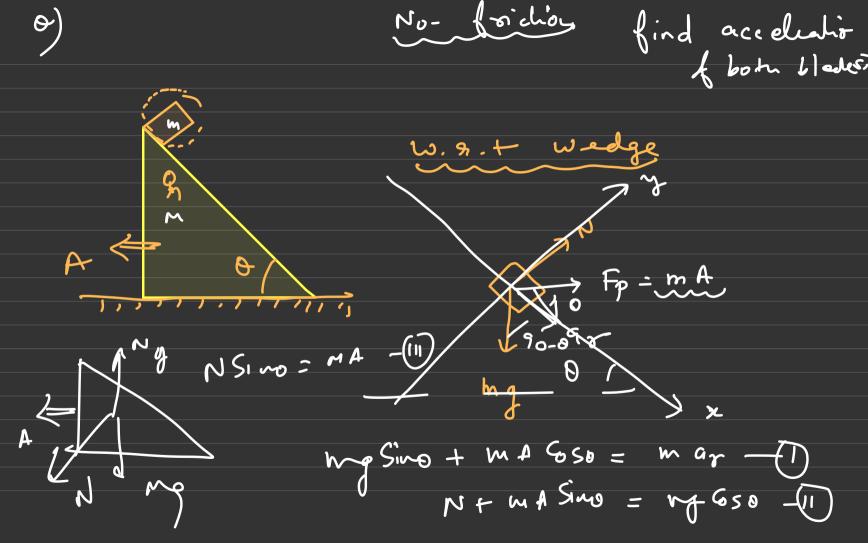
prendo fer ce (mx a) in opposite direction of N.J. f. mass of Acc of hon-inertial from

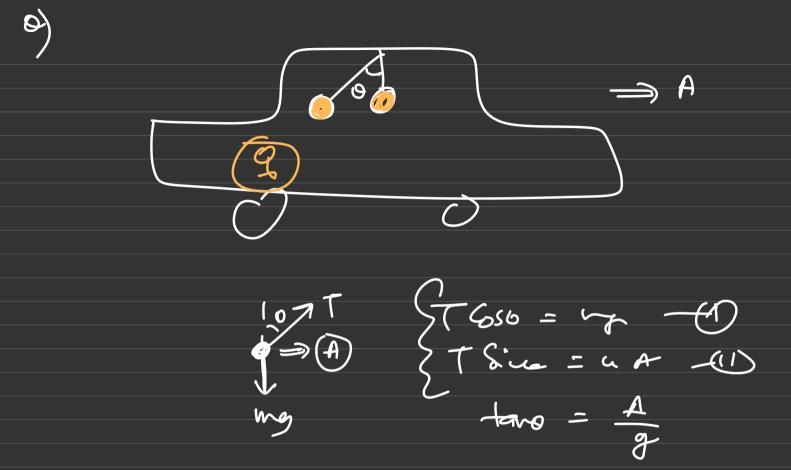
Fp = mxar ma = mxav - trois w-~

find ways for who hodis mot slipping w.z.+ disc.? prow. 2.+ disc! we find block is at wo h Mmg = mwir w - \12m f = um = mulr

MN MIMou w. g.+ disc.







W. 9 + Caq; mA T & no = mA T 60 50 = 7

force exected by water on fipe? (change in) {momentur per see } = (f) f-(f).

Volume flowing por = (AV) mars flowing per = (AV) P mountum for see = (AU) PU = PAU²

-(/t) P

-(/t) P

- PAU²

force refly

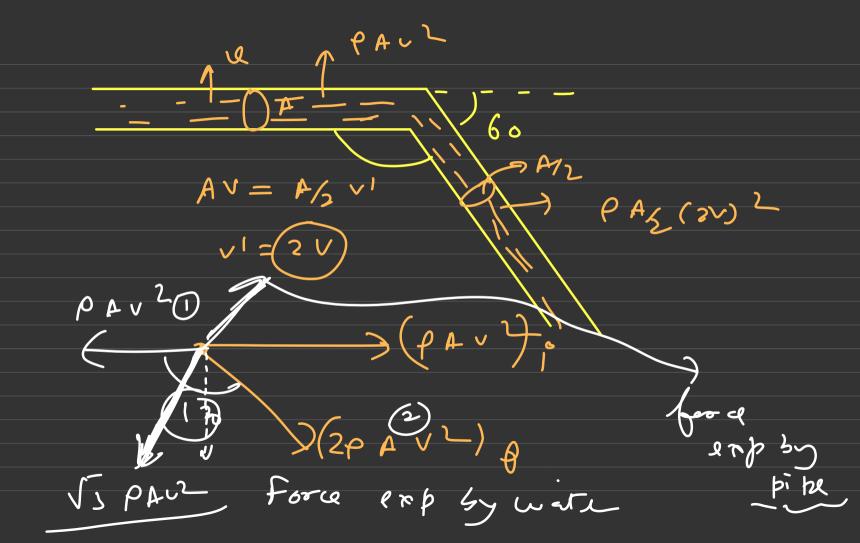
pipe

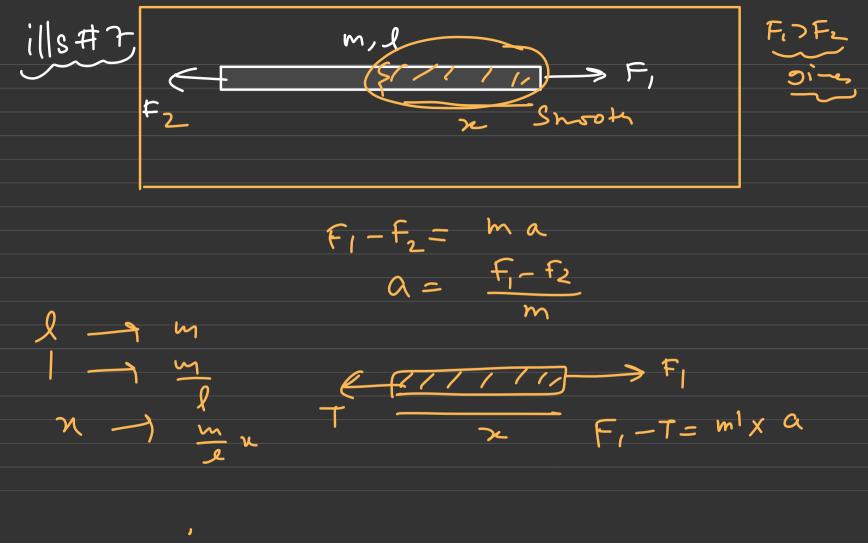
To pau²

(pau²)

to pau²

To pau J Change in (mounter par vee)





$$T = F_1 - \frac{1}{2} \left(\frac{F_1 - F_2}{2} \right)$$

$$\left(\frac{F_1 - F_2}{2} \right)$$

" [velocity] aloy NoT V650 = U

block L V 650 = 12650

Honewale # >" Conflete mo due and walk hook # Emy # (1) work & (1) powe } (1) Emy =