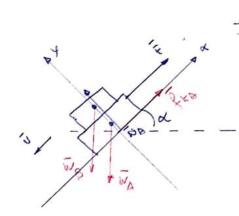
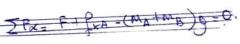
Primero, da do que las cajas se nuevan juntas, solo considermes las tua ca, extans: el estano cartitudo par les dos cojas.





- (2) ZPy=0= NA (MA+MO) gcos &

(1) $\sum P_{A=0} = F + \int_{PA} - (m_A + m_B)g \sin \alpha$. Todado que el noumento ca a velocidad constente.

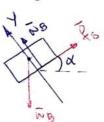
- (): F= (MATMB)gfor & NX. MK.
- (2): NA= (MA+MB) Q-COS X.

hogo: F= (mA+mB), g son x - (mA+mB), g.co. x. µk.
F= (mA+mB) g [son x - cos x. µk].

F = (48,0kg+ 32,0kg). 9,80 m = [son 27,80- cos 27,80.0,444] = 57,1 N

- | F = 57,1 N | -> foorse que de be
- b) Ahara con sideramos la caja superior.

BORQUET PEREZ year ranvel 41734892 13567



- Q (2) ZFx=0=-MB.g. Sen 0x+ fs.

 - (2) fs = mo g. son X. \$= 32,0 kg 9,80m . Sen 27,8°

- | fs = 146 N briacion sobie la cuja superior