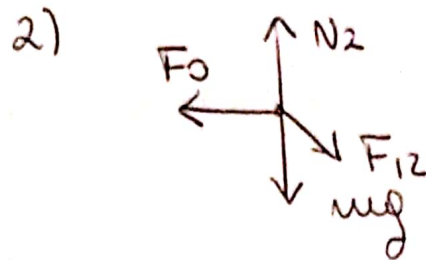
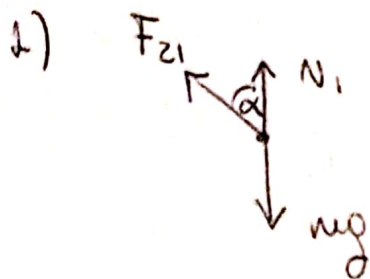
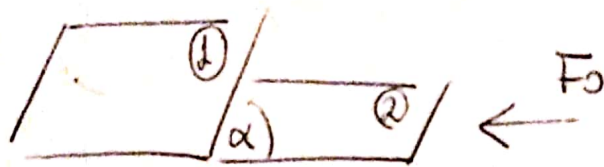


Pl)



1 pto

y) $N_1 - mg + F_{21} \cdot \cos \alpha = 0$

y) $N_2 - mg - F_{12} \cdot \cos \alpha = 0$

x) $-F_{21} \cdot \sin \alpha = ma$; x) $F_{12} \cdot \sin \alpha - F_0 = ma$

notación $F_{12} = F_{21} = F$
 $a_{1x} = a_{2x} = a$

Ecuaciones:

$N_1 - mg + F \cos \alpha = 0$ (1)

$-F \sin \alpha = ma$ (2)

$N_2 - mg - F \cos \alpha = 0$ (3)

$F \sin \alpha - F_0 = ma$ (4)

1 pto por condición
 1 pto por fuerza reacción

2 pto

$F_0 = 2mg \tan \alpha \rightarrow$ matricial

1 pto