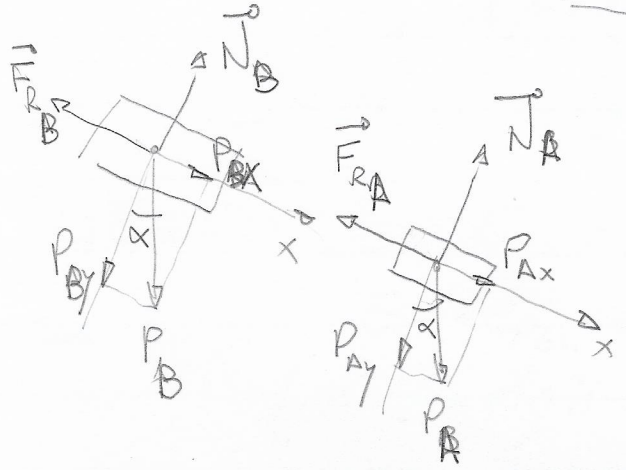
a) $\boxed{\mu_1 < \mu_2}$ o $\mu_A < \mu_B$

b) $\boxed{\mu_1 \geq \mu_2}$ o $\boxed{\mu_A \geq \mu_B}$

c) 

$\vec{v} = cte$

x: $P_{Ax} + P_{Bx} - F_{RA} - F_{RB} = 0$

$M_A \cdot g \operatorname{sen}\alpha + M_B \cdot g \operatorname{sen}\alpha = \mu_A M_A g \cos\alpha + \mu_B M_B g \cos\alpha$

$\operatorname{sen}\alpha (M_A + M_B) = \cos\alpha (\mu_A \cdot M_A + \mu_B M_B)$

$$\boxed{tg\,\alpha = \frac{\mu_A M_A + \mu_B M_B}{M_A + M_B}}$$

c) si $\alpha' > \alpha \Rightarrow \Sigma F = m \cdot a$

$P_{Ax} + P_{Bx} - F_{RA}' - F_{RB}' = (M_A + M_B) a$

$$\frac{M_A \cdot g \operatorname{sen}\alpha' + M_B g \operatorname{sen}\alpha' - (\mu_A M_A \cdot g \cdot \cos\alpha' + \mu_B M_B g \cos\alpha')}{M_A + M_B} = a$$

$$a = \frac{g \operatorname{sen}\alpha' (M_A + M_B) - g \cos\alpha' (\mu_A M_A + \mu_B M_B)}{M_A + M_B}$$

$$\boxed{a = g \left[\operatorname{sen}\alpha' - \cos\alpha' \frac{M_A \cdot M_A + \mu_B M_B}{M_A + M_B} \right]}$$