

$$m_{A} = 20 \text{ kg}$$
 $m_{B} = \frac{m_{A}}{4} \text{ R}_{A} = 1 \text{ m} \text{ R}_{B} = \frac{R_{A}}{2}$

$$\omega_{0A} = \omega_{0B} = 0$$

$$W_{0i} = 10 \text{ Nm}$$

$$\omega_B = \frac{7}{2}$$
 $\omega_A = \frac{5}{5} \frac{\pi d}{s}$

$$=> 0 = \frac{1}{2} \max_{R} R_{\Delta} \omega_{\Delta} - \frac{1}{2} \max_{R} R_{B} \omega_{B} + R_{B} \max_{B} \omega_{A} R_{B}$$

$$d_{\Delta} = ?$$
 $d_{\Delta} = 0.8 \text{ rad/s}^2$

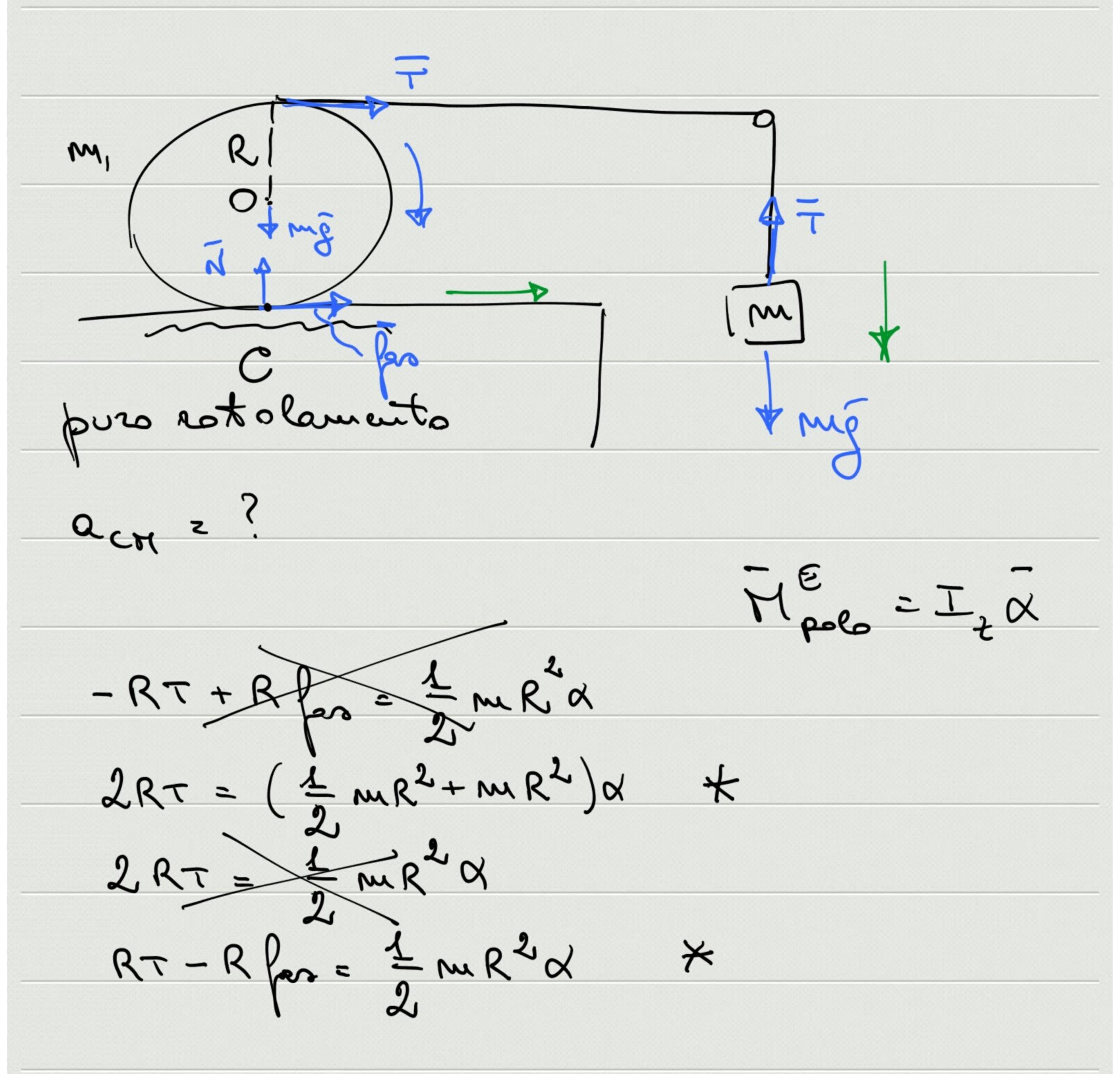
$$\omega_{A}^{*}(\omega_{B}^{*}=0)=?$$

$$[L_{o}=0]$$

$$\omega_{\Delta}^{*} = \omega_{\Delta}$$

$$\omega_{\Delta}^{*} = -\omega_{\Delta}$$

$$\left[\omega_{A}^{*} = 0\right]$$
 $\omega_{A}^{*} = -\omega_{B}$



$$mp-T=mQ$$
 $T+fas=mQcH$
 $RT-Rfas=\frac{1}{2}mR^2Q=\frac{1}{2}mR^2\frac{QcH}{R}$
 $Q=Q_T=22Q_{CH}$

$$\int m_{y} - T = 2 m \alpha_{cq}$$

$$2T = \frac{3}{2} m \alpha_{cq} \Rightarrow T = \frac{3}{4} m \alpha_{cq}$$