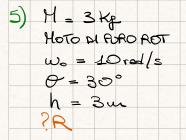
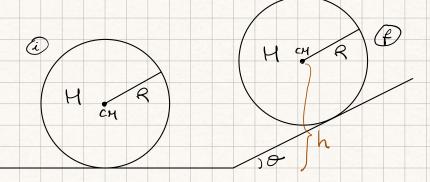


$$\Delta S_{g} = \int_{0}^{1} \frac{d\Omega_{MN}}{d\Omega_{MN}} = \int_{0}^{1} \frac{d\Omega_{MN}}{d\Omega_{NN}} = \int_{0}^{1} \frac{d\Omega_{MN$$

$$=2R_T=r_A$$
 $=\frac{2}{7}R_T=r_B$
 $< R_T$ (s. solution to)





$$v_{cm} = w_{R}$$
; $\alpha = \alpha_{R} = w^{2}_{R}$

$$\Delta E_m = 0 : \qquad 1 + 2 I_0 \omega_0^2 = Mg(h-R)$$

$$\frac{1}{2}$$
Hw²R² + $\frac{1}{2}$ $\left(\frac{1}{2}$ HR² $\right)$ w² = Hg(h-R)

$$\Rightarrow R = -2g \pm \sqrt{4g^2 + 12\mu_0^2 gh} = 0,56 \mu$$