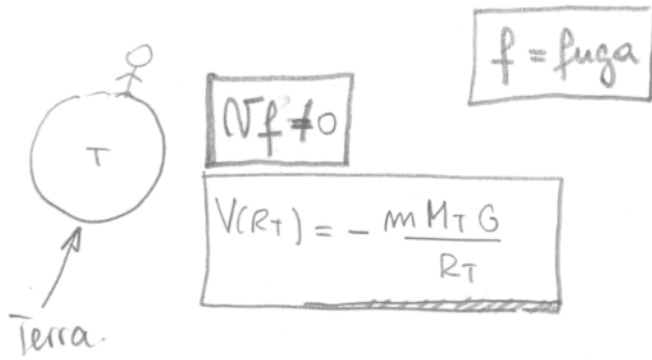


VELOCITA' DI FUGA



$\Delta E_M = 0 \Rightarrow$

Non works for non conservative

$$\frac{1}{2} m (v_f^2 - v_{FIN}^2) - \frac{m M_T G}{R_T} = 0$$

$$v_f = \sqrt{\frac{2 M_T G}{R_T} + v_{FIN}^2}$$

At $v_{FIN} = 0 \Rightarrow$

$$v_f = \sqrt{\frac{2 M_T G}{R_T}} \approx 11 \frac{\text{km}}{\text{s}}$$