

ESERCIZIO 1

1) $z_0 = 12 \text{ cm}$

2) $L_{\text{ext}} = 2,0 \text{ J}$

3) $v = 1,0 \text{ m/s}$

4) $z_{\text{stacc}} = 20 \text{ cm}$

5) $r_v = 21 \text{ cm}$

ESERCIZIO 2

1) $\vec{B}_{\text{TOT}} = -B_{\text{TOT}} \hat{x}$
 $B_{\text{TOT}} = 1,0 \times 10^{-3} \text{ T}$

2) $F_{\text{TOT}} = 6,7 \times 10^{-4} \text{ N}$
 $\theta = -27^\circ$ (angolo tra $\vec{F}_{\text{TOT}}$ e asse $\hat{x}$)

3) $\vec{a} = 0$

4) $\begin{cases} \vec{a} = a \hat{y} \\ a = 2,0 \times 10^{-1} \text{ m/s}^2 \end{cases}$