Verifica di Fisica

Peccióli

$$d = 5.10^{-3} \text{ m}$$

$$F = \frac{e \cdot v \cdot \mu_0 \cdot \lambda}{2\pi d} = \frac{e \cdot 150 \, \text{m/s} \cdot 100 \, \text{A} \cdot \mu_0}{2\pi \cdot 5 \cdot 10^{-3} \, \text{m}} =$$

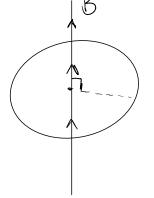
$$VP^2 - V_p^2 = 20$$

$$d = \frac{\sqrt{2} - \sqrt{2}}{\sqrt{2}} = \frac{\sqrt{2}}{2}$$

$$d = \frac{vp^2 - v_0^2}{2a} = \frac{vp^2 - v_0^2}{2qE} \cdot m$$

$$d = \frac{(500 \, \text{m/s})^2 - (400 \, \text{m/s})^2}{2 \cdot 5 \cdot 10^{-5} \, \text{C} \cdot 350 \, \text{V/m}} \cdot 1 \cdot 10^{-5} \, \text{Vg} = 25,71 \, \text{m}$$





$$K = \frac{1}{2} m v^2$$

$$F = qvB = m\frac{v^2}{r} \sim 0$$
 $B = \frac{mv^2}{qvr} = \frac{mv}{qr}$

$$B = \frac{2.5 \cdot 10^{-12} \text{ kg} \cdot 0.8 \text{ m/s}}{5.5 \cdot 10^{-9} \cdot 0.6 \cdot 7 \cdot 10^{-2} \text{ m}} = \frac{5.6 \cdot 10^{-3} \text{ T}}{5.6 \cdot 10^{-9} \cdot 0.6 \cdot 7 \cdot 10^{-2} \text{ m}}$$

$$Q_{A} = Q$$

$$Q_{B} = 2Q$$

$$W_{A} = W_{B} = W$$

$$V_{A} = \nabla C_{B} = V$$

$$f = \frac{J}{2\alpha n} = \frac{9rB}{2\alpha rm}$$

$$f = \frac{J}{2\pi n} = \frac{9rB}{2\pi rm}, \quad f_B = \frac{29rB}{2\pi rm} = 2-f$$



(ex5) In un compo magnetico il modulo della velocità di una particella corrica rimone invorvata