

ESERCIZIO 1

1) sì, sì, no, no

2) $V = 1,4 \text{ m/s}$

$v = 8,7 \text{ m/s}$

$\beta = 86^\circ$

3) $\Delta x = 0,35 \text{ m}$

ESERCIZIO 2

1) $\vec{F}_1 = \phi$

$\vec{F}_2 = 1,7 \times 10^2 \frac{\text{V}}{\text{m}} \hat{x}$

$\vec{F}_3 = \phi$

$\vec{F}_4 = 1,7 \times 10^2 \frac{\text{V}}{\text{m}} \hat{y}$

$\vec{F}_5 = 1,7 \times 10^2 \frac{\text{V}}{\text{m}} (\hat{x} + \hat{y})$

$\vec{F}_6 = 1,7 \times 10^2 \frac{\text{V}}{\text{m}} \hat{y}$

$\vec{F}_7 = \phi$

$\vec{F}_8 = 1,7 \times 10^2 \frac{\text{V}}{\text{m}} \hat{x}$

$\vec{F}_9 = \phi$

2) $V_B - V_A = 6,8 \text{ V}$

3) $v_B = 1,5 \times 10^{-1} \text{ m/s}$