

ESERCIZIO 1

1) $\vec{F}_a = F_a \hat{x}$

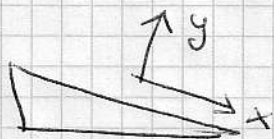
$F_a = 19 \text{ N}$

$T = 34 \text{ N}$

2) $\omega = 2,4 \text{ m/s}^2$

$\alpha = 49 \text{ rad/s}^2$

3) $v_B = 0,92 \text{ m/s}$



ESERCIZIO 2

1) $m = 0,19 \text{ kg}$

2) $\vec{E} = E \hat{z}$

$E = 3,9 \times 10^6 \text{ V/m}$

3) $V(A) = 6,8 \times 10^5 \text{ V}$

4) $v_A = 0,59 \text{ m/s}$

