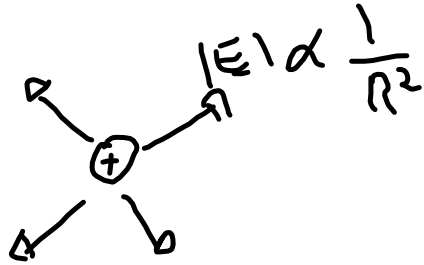
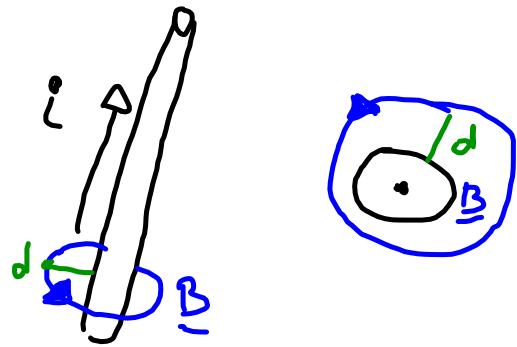
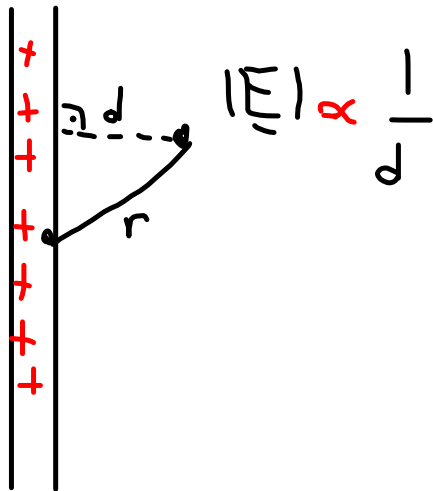
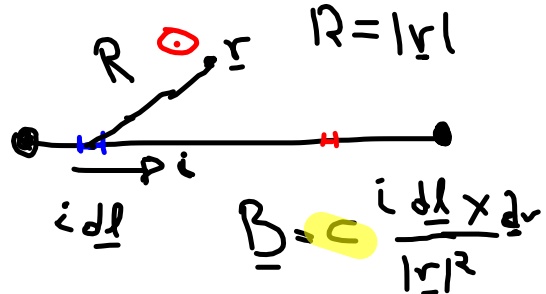


Lei de Biot-Savart

Campo elétrico



Campo magnético



$|\underline{B}| \propto \frac{i}{d} \cdot C_{\text{te}}$

$k = \frac{1}{4\pi\epsilon}$

$\epsilon = \epsilon_r \epsilon_0 \quad \text{F/m}$

vácuo:

$k \approx 9 \cdot 10^9 \quad \frac{\text{N}}{\text{m}^2 \cdot \text{C}^2}$

$C = \frac{\mu}{4\pi}$

$\mu = \mu_r \mu_0$

vácuo

$C \approx 10^{-7} \quad \frac{\text{Tm}}{\text{A}}$

