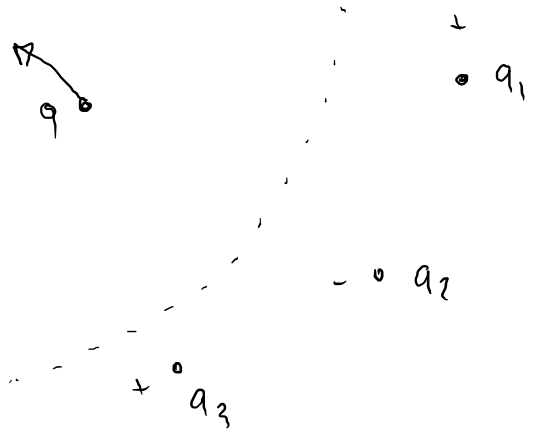
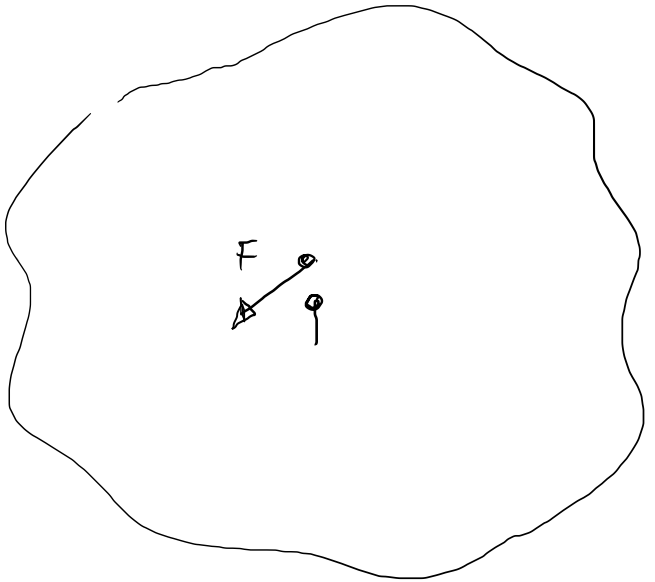
CAMPO ELETTRICO





$F = \text{prop.} \cdot (C.EL)$

$\mathcal{E}$

vettore

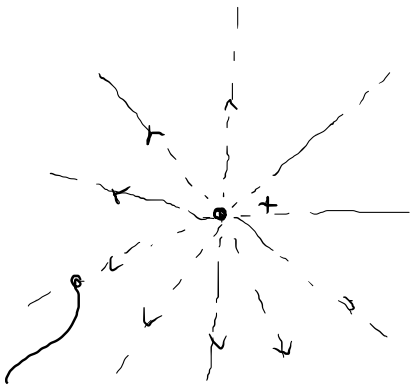
$F = q \cdot \mathcal{E}$ $\qquad \vec{F} = q \cdot \vec{\mathcal{E}}$

$\mathcal{E} \rightarrow \left[\frac{N}{C}\right]$ $\qquad \mathcal{E} q = F \rightarrow \mathcal{E} = \frac{F}{q} \rightarrow \left[\frac{N}{C}\right]$

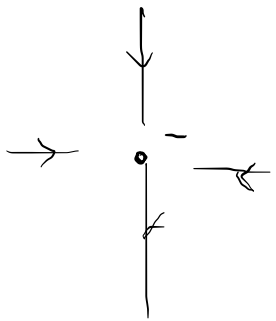
$$F = k\frac{q_1 q_2}{d^2} = \frac{q_1 \cdot q_2}{4\pi\varepsilon_0 \cdot d^2}$$

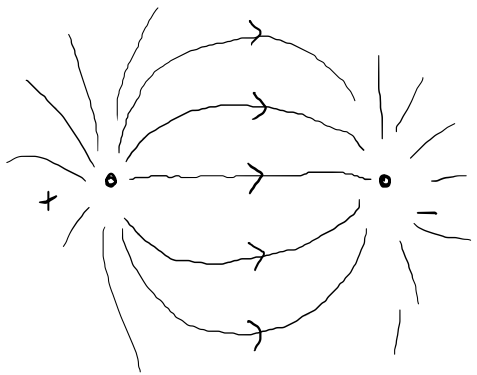
$$\mathcal{E} = \frac{F}{q_1} = \frac{1}{q_1} \cdot \frac{q_1 \cdot q_2}{4\pi\varepsilon_0 \cdot d^2} = \frac{q_2}{4\pi\varepsilon_0 d^2}$$

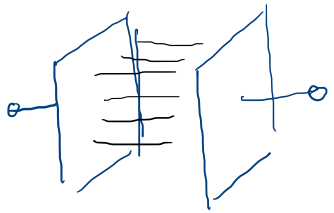
$$F = \mathcal{E} \cdot q$$



linee di campo o di forza







C. EL UNIFORME