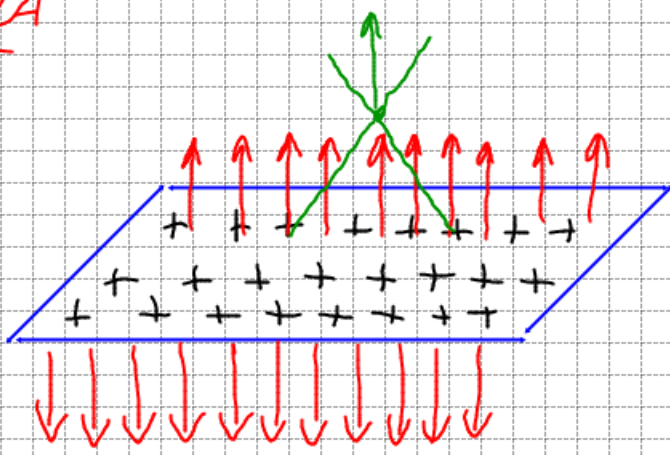


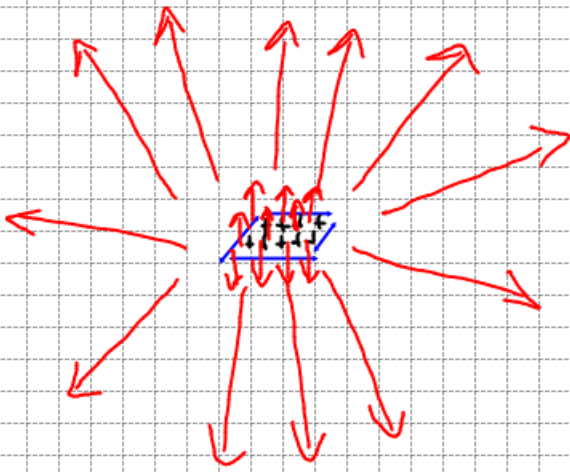
LASTRA SINGOLA

LASTRE CARICHE

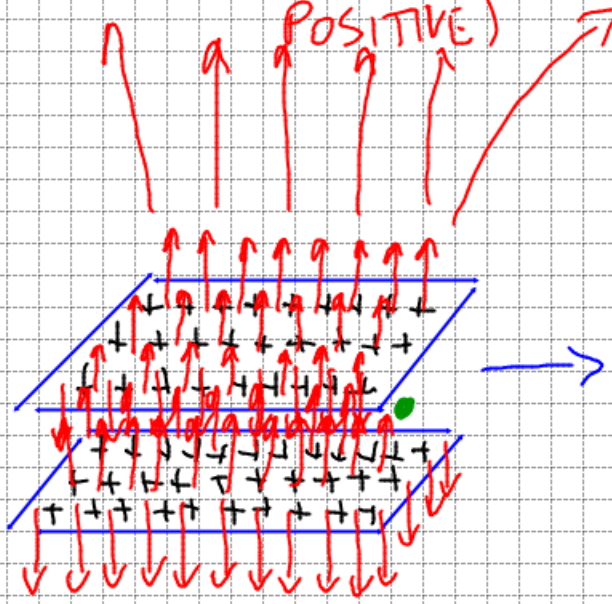


lastra di vetro
caricata uniformemente

Come sarà il CAMPO ELETTRICO?



COPPIA DI LASTRE (STESSA QUANTITÀ DI CARICHE ENTRAMBE POSITIVE)



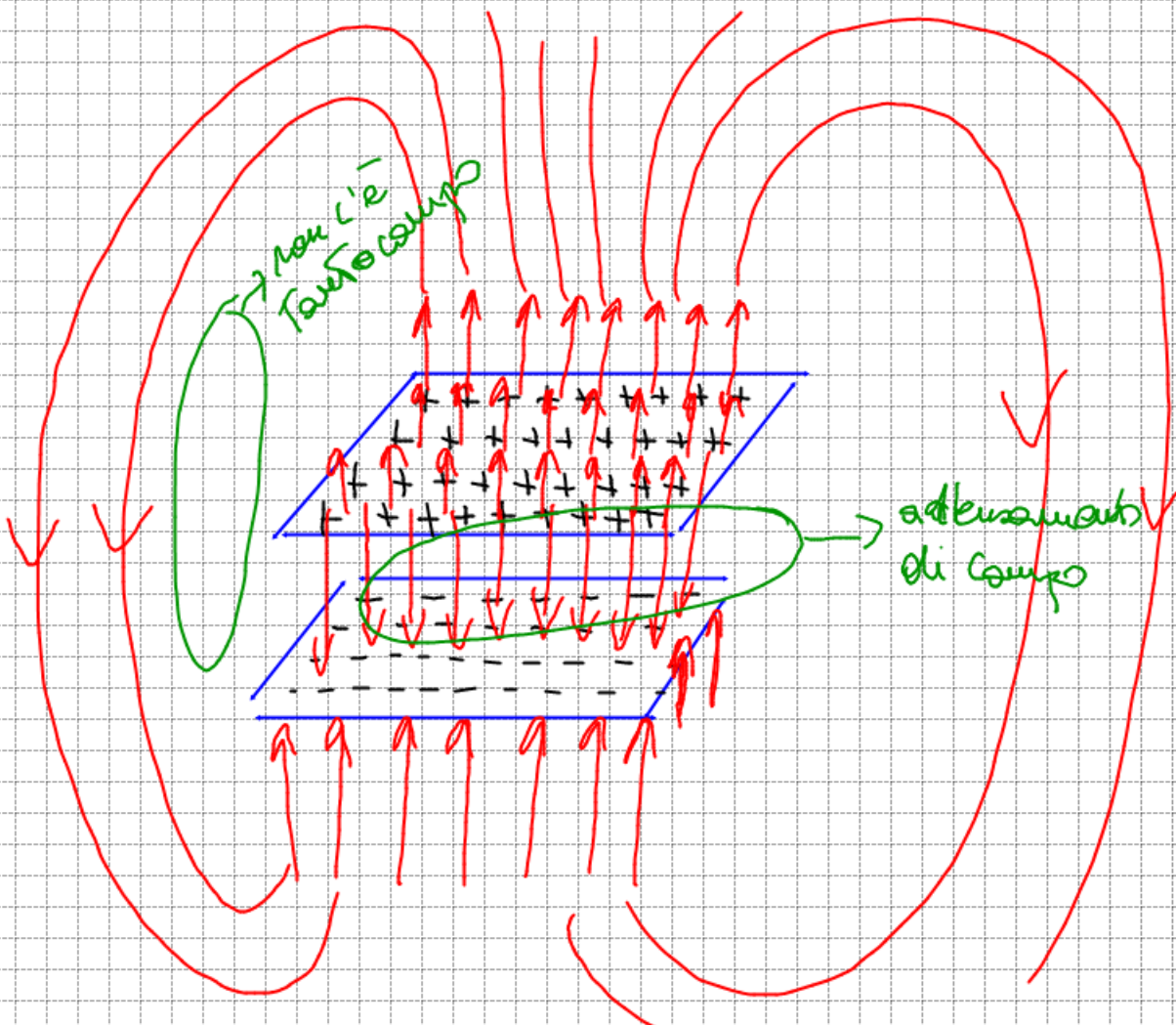
indefinitamente non c'è
campo elettrico

$$\vec{E} = \vec{I} \quad \& \quad \vec{E} = 0 \Rightarrow$$

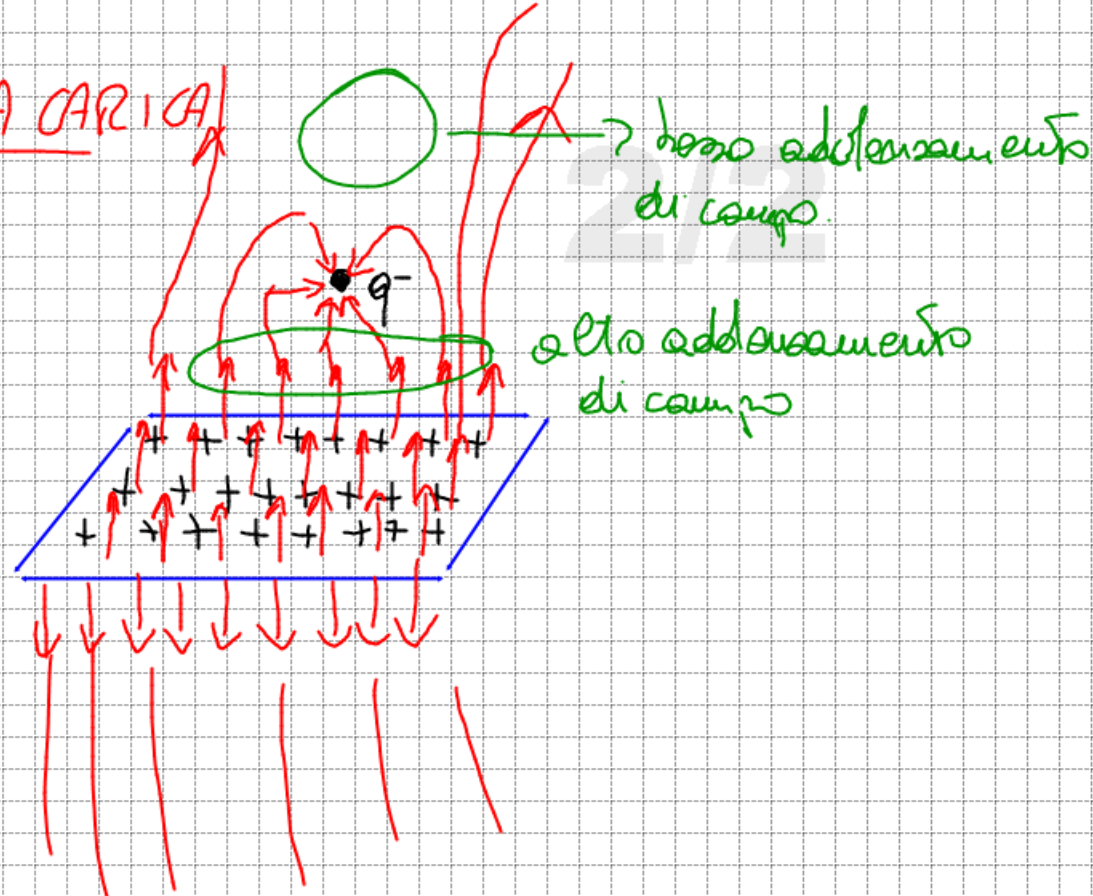
$$\vec{I} = 0 \Rightarrow \vec{T} = 0.$$



COPPIE DI LASTRE (stessa quantità di carica una carica positivamente e una carica negativamente)

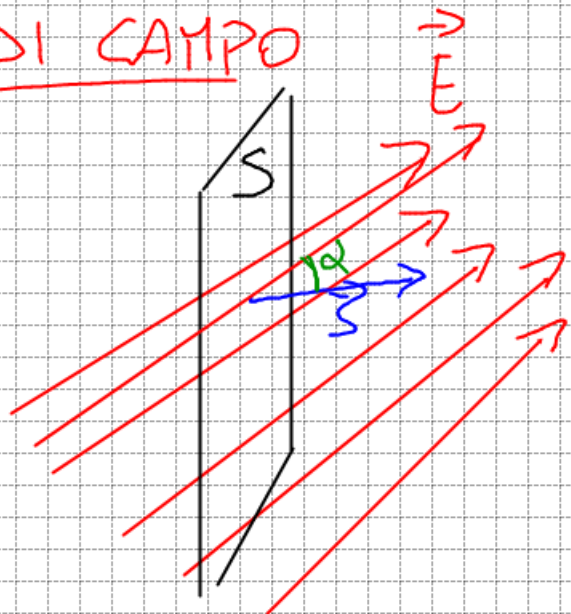


LASTRA E UNA CARICA



FLUSSO DI CAMPO

$$\Phi_S(\vec{v}) = \vec{v} \cdot \vec{S}$$



$$\begin{aligned} \Phi_S(\vec{E}) &= \vec{E} \cdot \vec{S} = \\ &= E \cdot S \cdot \cos\alpha \end{aligned}$$