

$$\mathbf{Q}^{\dagger} = \int \mathbf{\vec{D}} d\mathbf{\vec{A}} = \int \mathcal{E} \cdot \mathbf{\vec{E}} d\mathbf{\vec{A}}$$

Point charge

$$Q = 4\pi \mathcal{E} \cdot \mathcal{E} \cdot \Gamma^2 \longrightarrow \mathcal{E} = \frac{Q}{4\pi \mathcal{E} \cdot \Gamma^2} \stackrel{-}{e_r}$$

$$U = -\int E ds = \int E ds = \frac{Q}{4\pi E} \cdot \frac{1}{r_A}$$

$$\frac{U}{Q} = \frac{\hat{c}}{c} = D \quad C = \frac{Q}{U} = 4\pi \mathcal{E} \cdot r_{\lambda}$$

Q=CU

$$E_{\lambda}^{+} = \frac{Q}{4\pi E}$$
  $f_{\lambda} = \frac{Q}{4\pi E}$   $f_{\lambda} = \frac{Q}{4\pi E}$   $f_{\lambda} = \frac{1}{(\chi - \chi_{0})^{2} + (y - y_{0})^{2}}$   $f_{\lambda} = \frac{Q}{4\pi E}$ 

$$E_{2}^{-} = \frac{Q^{-}}{4\pi \varepsilon} \cdot \frac{1}{12} = \frac{Q^{-}}{4\pi \varepsilon} \cdot \frac{1}{(x-x_{0})^{2} + (y+y_{0})^{2}} \rightarrow \text{down}$$
Shifked

