





$$W = \int_{S}^{5S} \vec{E} \cdot d\vec{s} = Q_0 \int_{S}^{5S} \vec{E} \cdot d\vec{s}$$

$$\vec{E}_1 = \frac{\sigma_1}{2E_0} \hat{x} , \quad \vec{E}_2 = -\frac{\sigma_2}{2E_0} \hat{x} \neq 0$$

$$\vec{E} = \frac{\sigma_1 \cdot \sigma_2}{2E_0} \hat{x} \neq 0$$

$$W = \frac{Q_0 \cdot (\sigma_1 \cdot \sigma_2)}{2E_0} \int_{S}^{5S} dx = \frac{Q_0 \cdot (\sigma_1 \cdot \sigma_2)}{2E_0} \int_$$

DIPOLO ELETTRICO

$$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$$

$$\frac{1}{2} + \frac{1$$

 $= (\vec{z}_{c+} - \vec{z}_{c-}) \times \vec{F}_{+} = \vec{a} \times \vec{F}_{+} = \vec{q} \vec{a} \times \vec{E} =$ = pxE, MI = pEnind W= (M(0)d0 = pE(cos0, - cos0.) = - DUe = - (U(0,)- U(0.)) => F> Ue = - P.E U+~ KBT << |PE1