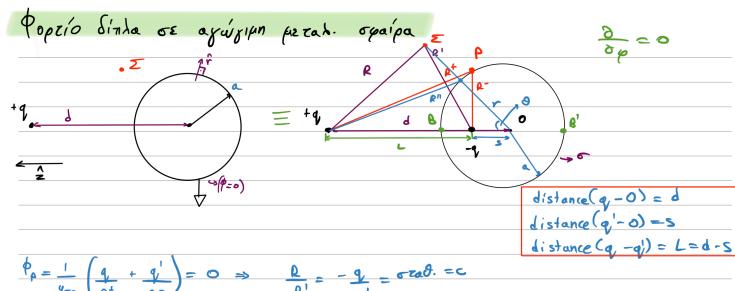


$$F_{+} = -\nabla \Phi = \frac{9}{4\pi\epsilon} \left(\frac{x^{2} + y^{2} + (z - h)^{2} - x^{2} + y^{2} + (z + h)^{2}}{(x^{2} + y^{2} + (z - h)^{2})^{3/2} (x^{2} + y^{2} + (z + h)^{2})^{3/2}} \right) = \epsilon \overline{E},$$

$$\Rightarrow 6 = 2 \cdot (\overrightarrow{D_1} - \overrightarrow{D_2}) = 2 \cdot \overrightarrow{D_1} = 2 \cdot (\cancel{E_1}) = \frac{-h_0}{2\pi} (x^2 + y^2 + h^2)^{3/2}$$

Qtotal?
$$Q_{tot} = \begin{cases} Q_{tot} = \begin{cases} Q_{tot} = Q_{tot} \\ Q_{tot} = Q_{tot} \end{cases} \qquad Q_{tot} = Q_{tot} = Q_{tot}$$

$$Q_{tot} = \begin{cases} Q_{tot} = Q_{tot} \\ Q_{tot} = Q_{tot} \end{cases} \qquad Q_{tot} = Q_{to$$



$$\frac{\phi_{\rho} = \frac{1}{4\pi\epsilon} \left(\frac{q}{\rho^{+}} + \frac{q'}{\rho^{-}} \right) = 0 \implies \frac{\rho}{\rho^{+}} = \frac{q}{q'} = \frac{\sigma z_{0} \partial_{+} = 0}{\sigma^{+}} = 0$$

Nópos
$$\frac{R^{+}}{R^{-}}$$
 sta $\frac{1}{6}$ for $\frac{R^{+}}{R^{-}}$ sta $\frac{1}{6}$ for $\frac{1}{6$

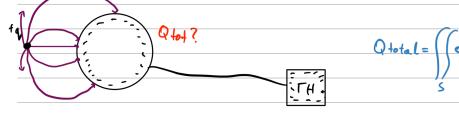
$$\frac{1}{2} = \frac{a^2}{d} = \frac{a^2}{L+5} = \frac{a = c^2L}{c^2-1} = \frac{c^2-1}{c^2-1}$$

$$\frac{\Phi}{Z} = \frac{q}{4\pi\epsilon} \left(\frac{1}{R} - \frac{\alpha/d}{R'} \right)$$

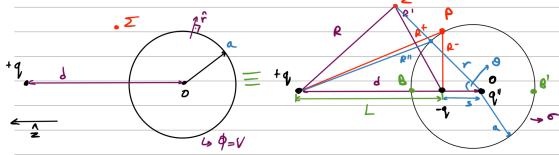
$$R = \sqrt{r^2 + d^2 - 2r d \cos \theta}$$

$$R = \sqrt{r^2 + s^2 - 2r s \cos \theta}$$

$$\sigma = \varepsilon E_r (r=a) = \frac{-9(d^2-a^2)}{4\pi a (a^2+d^2-2ad\cos\theta)^{3/2}} = \frac{-9(d^2-a^2)}{4\pi a (p^*)^{3/2}}$$







$$\Rightarrow \frac{\varphi_0^{\prime\prime} = q^{\prime\prime}}{\forall_{\pi \in r}} \qquad \frac{\varphi_0^{\prime\prime}(r=a) = q^{\prime\prime}}{\forall_{\pi \in a}} = \sqrt{\Rightarrow q^{\prime\prime}} = \forall_{\pi \in a}$$

→
$$\sigma = -\frac{q(d^2-a^2)}{4\pi a(R^1)^{3/2}} + \frac{\epsilon V}{a}$$

