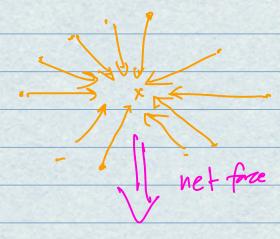


$$\frac{1}{F} = \frac{1}{4\pi^{20}} \frac{\sqrt{9}}{8^{2}}$$



Suppose several print charges '91', '92'....

$$=\frac{Q}{4\pi \epsilon_0} \left[\frac{q_1}{h_1^2} h_1^2 + \frac{q_2}{h_2^2} h_2^2 + \cdots \right]$$

$$=\frac{1}{4\pi \epsilon_0} \left[\frac{q_1}{h_2^2} h_1^2 + \frac{q_2}{h_2^2} h_2^2 + \cdots \right]$$

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$$=\frac{1}{4\pi \epsilon_0} \left[\frac{q_1}{h_1^2} h_1^2 + \cdots h_1^2 h_1^2 + \cdots h_1^2 \right]$$

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$$=\frac{1$$

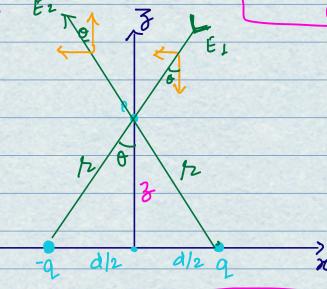
$$E_3 = 2 \cdot \frac{1}{4\pi\epsilon_0} \frac{9}{\hbar^2} \cos\theta$$

$$|2^{2} = 3^{2} + d^{2}/4$$

$$|L| = \sqrt{3^{2} + d^{2}/4}$$

$$E_3 = 2.4\pi 20 (3^2 + d^2 | 4) \sqrt{(3^2 + d^2 | 4)}$$

$$\cos \theta = \frac{3}{\sqrt{3^2 + d^2/4}}$$



$$= -2 \left[\frac{1}{4\pi s_0} \frac{q}{\hbar^2} \right] \sin \theta$$

$$h^2 = 3^2 + (d^2/4)$$

$$12 = \sqrt{3^2 + (d^2/4)}$$

$$sino = \frac{d/2}{\sqrt{3^2 + d^2/4}}$$

$$\vec{E} = -2 \left[\frac{1}{4\pi s_0} \frac{q}{\hbar^2} \right] \sin \theta$$

$$a, \vec{E} = -\beta \left[\frac{1}{4\pi \epsilon_0} \frac{9}{(3^2 + a^2/4)} \right] \frac{alx}{\sqrt{3^2 + a^2/4}}$$