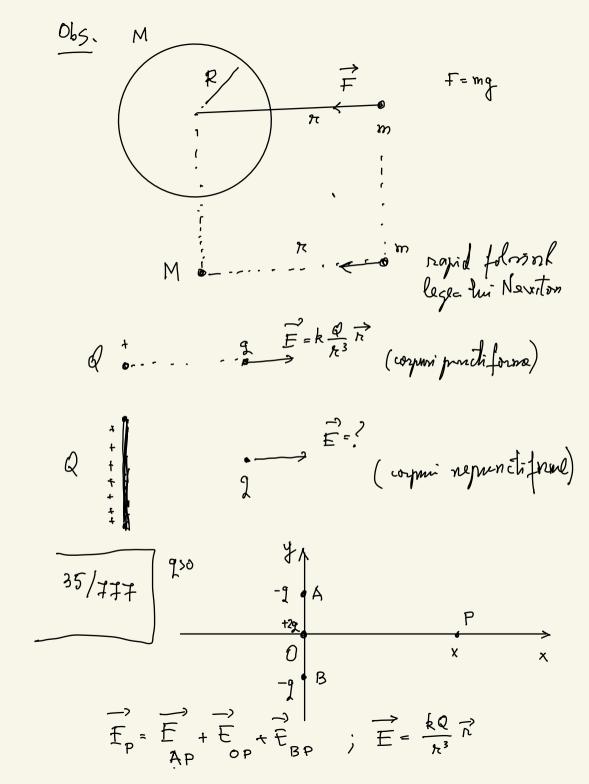


) = £, + ... + £,



$$\frac{\partial}{\partial x} = \frac{\partial}{\partial x} \frac{\partial}{\partial x} + \frac{\partial}{\partial x} \frac{\partial}{\partial x} \frac{\partial}{\partial x} \frac{\partial}{\partial x} + \frac{\partial}{\partial x} \frac$$

$$F_p = k \frac{(-9)}{\sqrt{k}}$$

 $\widehat{F}_{p} = k \frac{(-q)}{|\mathcal{R}|^{3}} \frac{1}{|\mathcal{R}|^{3}} + k \frac{2q}{|\mathcal{R}|^{3}} \frac{1}{|\mathcal{R}|^{3}} \frac{1}{|\mathcal{R}|^{3}}$

$$= \frac{1}{\left|\frac{\pi}{AP}\right|^3}$$

$$= -\frac{\pi}{AP} \frac{\pi c - d}{(c^2)^2}$$

$$= -kq \frac{x^{\frac{3}{2}-df}}{(x^{\frac{2}{4}}d^{\frac{2}{2}})^{\frac{3}{2}}} + k2q \frac{x^{\frac{3}{2}}}{|x|^{3}} - kq \frac{x^{\frac{3}{2}+df}}{(x^{\frac{2}{4}}d^{\frac{2}{2}})^{\frac{3}{2}}}$$

$$= -kq \frac{1}{(x^2+1)^2}$$

$$= kq \frac{d^2 - x}{d^2 - x}$$

=
$$kq \left[\frac{(x_3 + q_5)}{q_3 - x_5} \right]$$

$$\left[\frac{d\vec{y}-x\vec{l}}{(x^2d^2)^{3/2}}+\frac{2x\vec{l}}{(x|^3}-\right]$$

= kg $\left| \frac{d\vec{y} - x\vec{l}}{(x^2 + d^2)^{3/2}} + \frac{2x\vec{l}}{(x|^3)} - \frac{x\vec{l} + d\vec{l}}{(x^2 + d^2)^{3/2}} \right| =$ = kq $\left[\frac{-\chi}{(\chi^2 + d^2)^{3/2}} + \frac{2\chi}{|\chi|^3} - \frac{\chi}{(\chi^2 + d^2)^{3/2}} \right] + 0 \right]$

$$\frac{1}{E_{p}} = kq \left[\frac{-x}{(x^{2}+d^{2})^{3/2}} + \frac{2x}{(x^{2}+d^{2})^{3/2}} \right]$$

$$\frac{1}{E_{p}} = kq \left(\frac{-2x}{(x^{2}+d^{2})^{3/2}} + \frac{2x}{(x^{1})^{3/2}} \right)$$

$$\frac{1}{E_{p}} = xq \left(\frac{-2x}{(x^{2}+d^{2})^{3/2}} + \frac{2x}{(x^{1})^{3/2}} \right)$$

$$\frac{1}{E_{p}} = xq \left(\frac{-2x}{(x^{1}+d^{1})^{3/2}} - \frac{2}{x^{2}} \right), x < 0$$

$$\frac{1}{E_{p}} = xq \left(\frac{-2x}{(x^{1}+d^{1})^{3/2}} + \frac{2}{x^{2}} \right), x > 0$$

$$\frac{1}{E_{p}} = xq \left(\frac{-2x}{(x^{1}+d^{1})^{3/2}} + \frac{2}{x^{2}} \right), x > 0$$

$$E_{px} = \begin{cases} kq \left(\frac{-2\chi}{(x^{2}+d^{2})^{3}/2} - \frac{2}{x^{2}} \right), \times < 0 \\ kq \left(\frac{-2\chi}{(x^{2}+d^{2})^{3}/2} + \frac{2}{x^{2}} \right), \times > 0 \end{cases}$$

$$\lim_{x \to \infty} E_{px} = \lim_{x \to -\infty} E_{px} = 0 \quad (|x| \text{ fourte mark})$$

$$\xrightarrow{-q \text{ fourte mic}} (f \circ)$$

$$\xrightarrow{-q \text{ fourte mic}} (f \circ)$$

$$\xrightarrow{-q \text{ fourte mic}} E_{px} = kq \left(\frac{-2\chi}{(x^{2}+d^{2})^{3}/2} + \frac{2}{x^{2}} \right), \times kd \Rightarrow \frac{2q}{d} = \frac{\chi}{d} = \frac{\chi}{d$$

$$\mathcal{E}_{p_{x}} = kq \left(\frac{-2x}{(x^{1}+d^{1})^{3/2}} + \frac{2}{x^{2}} \right), \quad x \notin d \Rightarrow \frac{x}{d} \notin 1, x > 0$$

Fx ~ kg. 2/2 Fr 1,2,3,4,5/775.