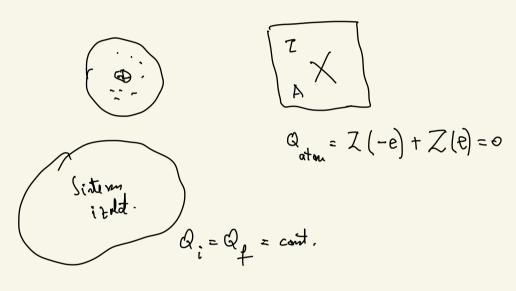
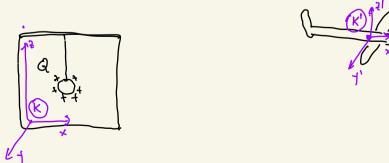
22 Decembrie 2021

3) Janvina eledinica totalo a numi vistem i zolat se conservo indiferent de notura proceselor cone au loc în intriord viste mulni.

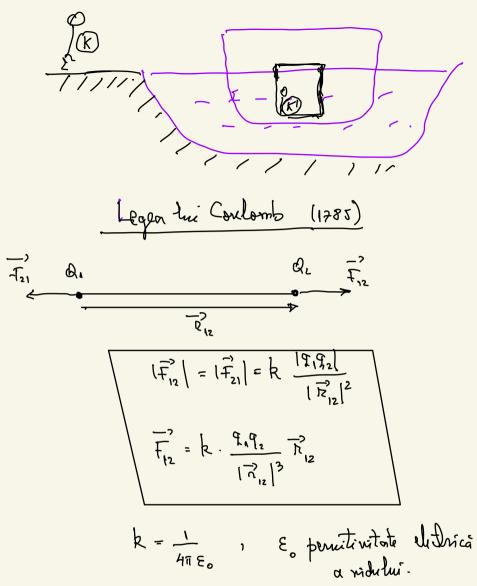


4) Sarvina electrica este un invaniant relativist.



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$$\varepsilon_0 = 8,85 \cdot 10^{-12} \frac{F}{m}$$
 $R = 9.10 \frac{N \cdot m^2}{C^2}$

Q >0

2Q Fag 9 Frag

$$\begin{cases} O(0) & (x_1, y_1, z_1) \\ A(x) & (x_2, y_1) = (x_1 - x_1) = (x_2 - x_1) = (x_1 - x_1) = (x_2 - x_1) = (x_1 - x_$$

 (x_1, y_2, z_1)

0A = 7

 (\cdot) $\times < 0$

$$\begin{cases} B(h) = \frac{1}{2} BA = (x-h)^{\frac{3}{2}} = \frac{1}{2} \frac{1}{2} A(x) \\ A(x) = \frac{1}{2} \frac{1}{2$$

$$\overrightarrow{F}_{3} = \frac{2\sqrt{2}}{|x|^{3}} \cdot x \overrightarrow{l} + \frac{\sqrt{2}}{|x-n|^{3}} \cdot (x-n) \overrightarrow{l}$$

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$$\overrightarrow{F}_{3} = \frac{2\sqrt{2}}{|x|^{3}} \cdot x \overrightarrow{l} + \frac{\sqrt{2}}{|x-n|^{3}} \cdot (x-n) \overrightarrow{l}$$

$$\frac{-2}{2} = \frac{1}{2} \left[\frac{2x}{|x|^3} + \frac{x-R}{|x-R|^3} \right] = 0$$

$$= 2 \left[\frac{2x}{|x|^3} + \frac{x-R}{|x-R|^3} \right] = 0$$

$$\frac{2x}{|x|^3} + \frac{x-R}{|x-R|^3} = 0$$

$$= \frac{2 \times \left(\frac{2 \times \sqrt{2}}{|x|^3} + \frac{x - R}{|x - R|^3}\right)}{\left(\frac{2 \times \sqrt{2}}{|x|^3} + \frac{x - R}{|x - R|^3}\right)} = 0$$

$$\frac{-x}{|x|^3} + \frac{x-p}{|x-p|^3} = 0$$

 $\frac{2x}{(-x)^3} + \frac{x-12}{(x-x)^3} = 0$

$$\frac{2x}{-x^{3}} + \frac{x-n}{(n-x)^{2}} = 0 = 0 - \frac{2}{x^{2}} - \frac{1}{(n-x)^{2}} = 0$$

$$= 0 \text{ mix existing points}$$

$$= 0 \text{ mix exi$$

=) ne aven rolition plus (n, so)

wormere revised 3 februarie 2022

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