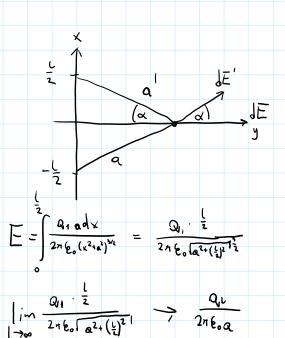
Ćwiczenia 4

wtorek, 23 października 2018

11.10



$$Cos \alpha = \frac{\alpha}{a'} = \frac{\alpha}{\sqrt{x^2 + a^2}}$$

$$dE = 2 \frac{Q_1 dx}{4\pi \ell_0 (x^2 + a^2)} \cdot \frac{\alpha}{\sqrt{x^2 + a^2}}$$

LISTA 3

$$\overline{F}_{1} = k \left(\frac{e^{(-e)}}{q^{2}} + \frac{e^{2}}{4a^{2}} \right) = k \left(\frac{e^{2}}{a^{2}} + \frac{e^{2}}{4a^{2}} \right) = k \left(\frac{5}{4} \frac{e^{2}}{a^{2}} \right)$$

$$F_3 = \left(\frac{5}{4} \frac{e^2}{a^2} \right)$$

$$E_{p_1} = k \left(\frac{e^{(-e)}}{a} + \frac{e^2}{2a} \right) = k \left(\frac{-e^2}{2a} \right)$$

$$E_{p_3} = k \left(\frac{-e \cdot e}{\alpha} + \frac{e^2}{2a} \right) = k \left(\frac{-e^2}{2a} \right)$$

$$\sqrt{\frac{1}{a}} = k \left(\frac{e_2}{a} - \frac{e_1}{2a} \right)$$

