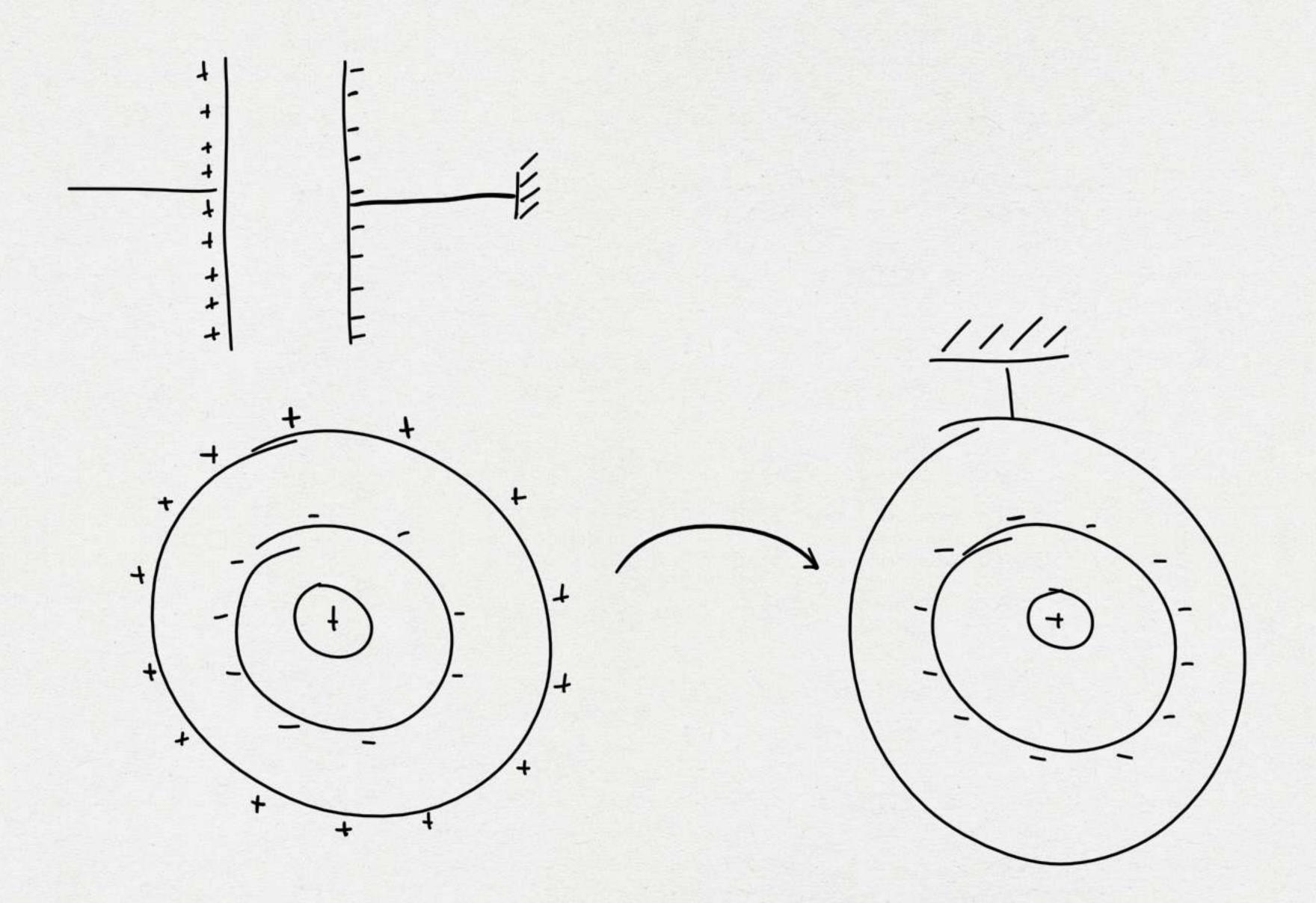
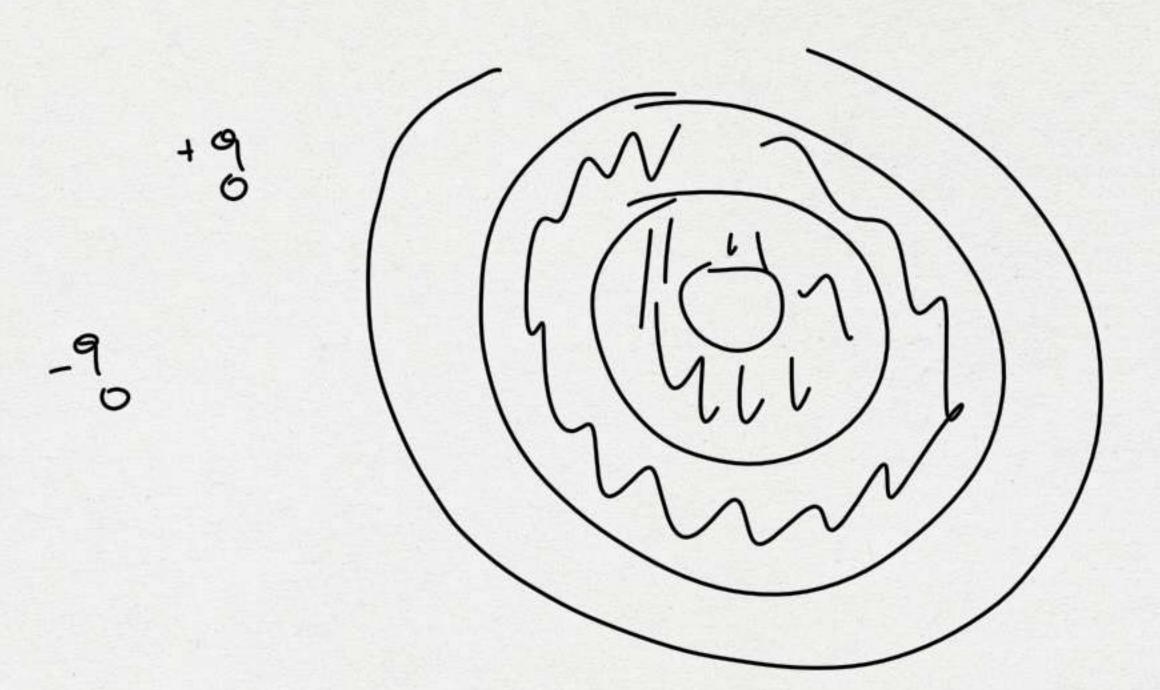


$$Rii + Rn - E = 0$$
  
 $E - Rii - Ri = 0$ 

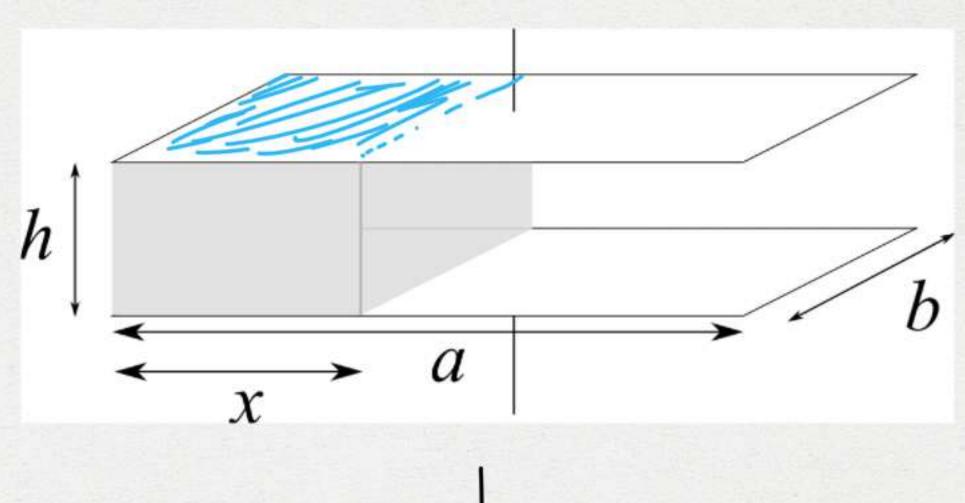
AUTI-ORAPIO





$$R = 10\Omega, i = 10A$$

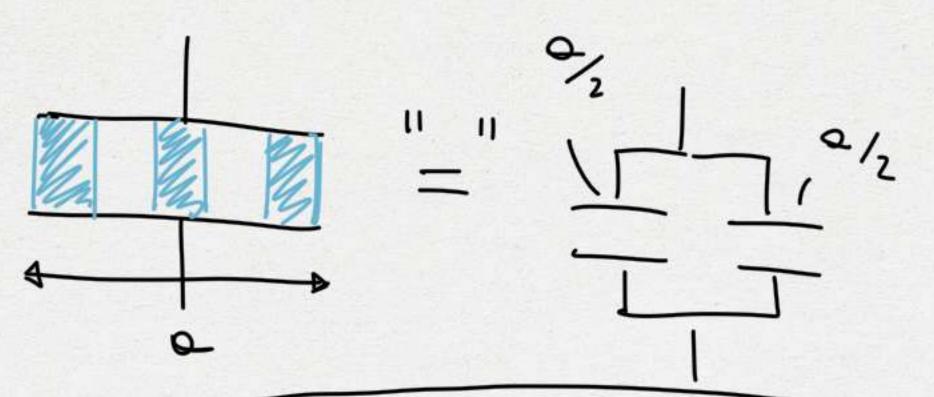
$$R = 10\Omega, i = 1A$$

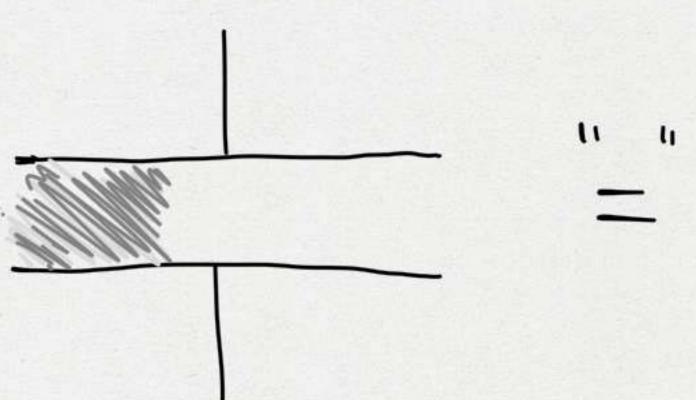


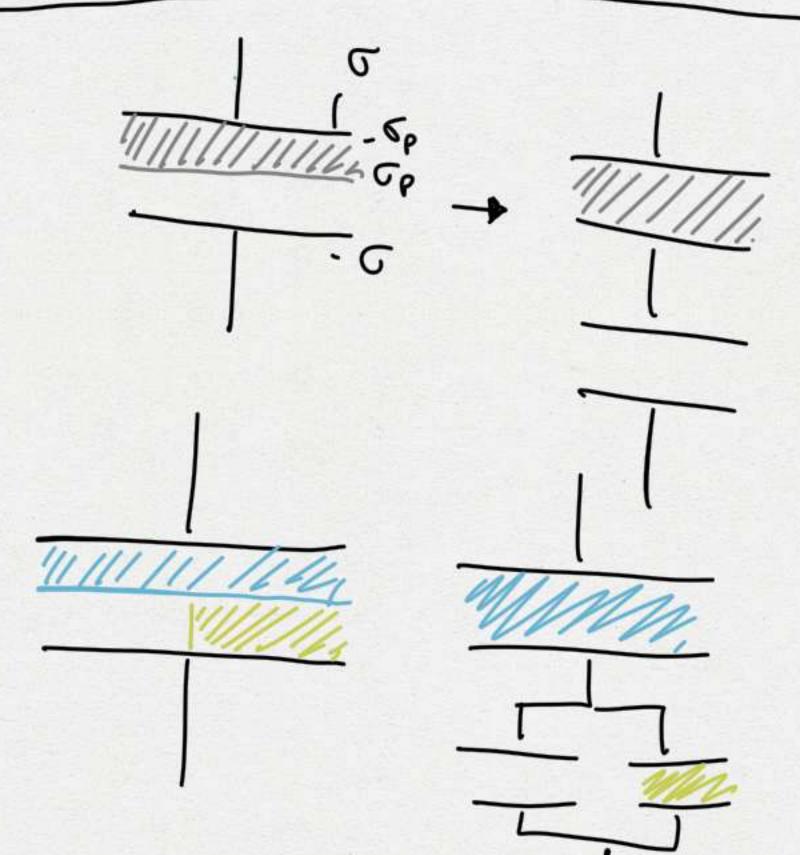
$$X = \frac{9}{3}V$$

$$X = \frac{9}{3}V$$

$$91 = \frac{9}{3}$$







$$C_{3} = \varepsilon \cdot \frac{2}{3}b + K = \varepsilon \cdot \frac{2}{3}b K$$

$$C_{4} = \varepsilon \cdot \frac{2}{3}b + K = \varepsilon \cdot \frac{2}{3}b K$$

$$C_{5} = \varepsilon \cdot \frac{2}{3}ab + \varepsilon \cdot \frac{2}{3}b = \varepsilon \cdot \frac{2}{3}b$$

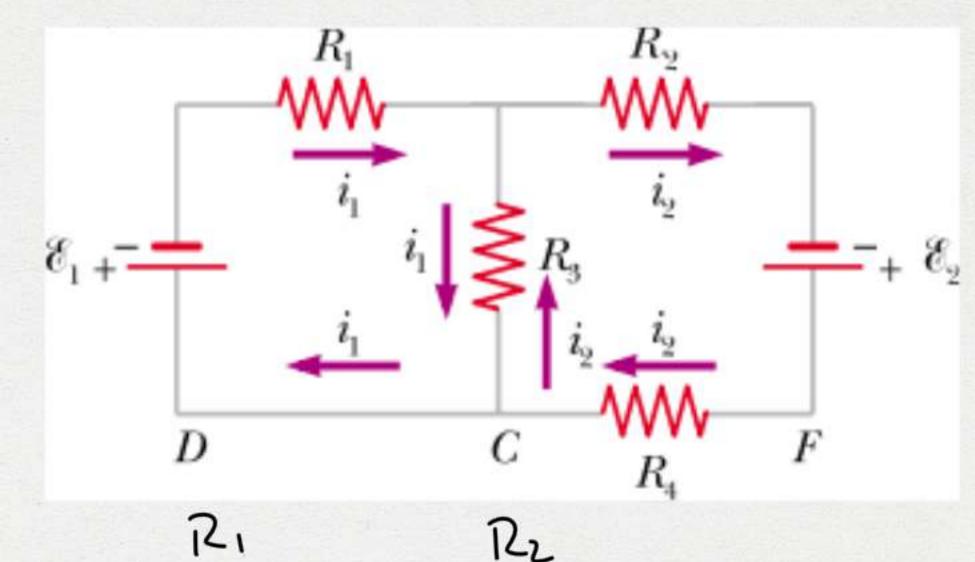
$$R = \begin{cases} \frac{\rho dh'}{\sum (h)} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \end{cases} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \end{cases} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \end{cases} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \end{cases} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \end{cases} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \end{cases} = \rho \end{cases} = \rho \begin{cases} \frac{h}{k} \\ \frac{h}{k} \end{cases} = \rho \end{cases}$$

R., Rz, i = 500 mA, E = 10 /m, quanto voile ??

$$\begin{array}{c} \mathcal{E}_{1} = \mathcal{E}_{0} \vee \mathcal{E}_{2} = \mathcal{E}_{1} \vee \mathcal{E}_{2} = \mathcal{E}_{2} \vee \mathcal{E}_{2} \vee \mathcal{E}_{2} = \mathcal{E}_{2} \vee \mathcal{E}_{2} = \mathcal{E}_{2} \vee \mathcal{E}_{2} \vee \mathcal{E}_{2} \vee \mathcal{E}_{2} = \mathcal{E}_{2} \vee \mathcal{E}_{2} \vee \mathcal{E}_{2} \vee \mathcal{E}_{2} \vee \mathcal{E}_{2} = \mathcal{E}_{2} \vee \mathcal{E}$$

$$\frac{1}{2.+2.+R} = \frac{1}{20} = \frac{1}$$

$$\mathcal{E}_{1} = \mathcal{E}_{2} = \mathcal{E}_{1} + \mathcal{E}_{2} = -0.5 A$$



$$\begin{cases}
-E_1 = R_1 \cdot i_1 + R_3 \cdot i_1 + R_3 \cdot i_2 \\
-E_2 = R_2 \cdot i_2 + R_3 \cdot i_2 + R_3 \cdot i_1 + R_4 \cdot i_2 \\
= R_2 \cdot i_2 + R_3 \cdot i_3 + R_4 \cdot i_2 + R_3 \cdot i_1 + R_4 \cdot i_2
\end{cases}$$

$$E_1 = 18 \cdot V_1 \quad E_2 = 12 \cdot V_2 \quad R_1 = 12 \cdot \Omega_1 \quad R_2 = 2 \cdot \Omega_2 \quad R_3 = 6 \cdot \Omega_2 \quad R_4 = 4 \cdot \Omega_2$$

$$-18 = 12 \cdot i_1 + 6 \cdot i_1 + 6 \cdot i_2 = 18 \cdot i_1 + 6 \cdot i_2 = 18 \cdot i_2 \quad R_4 = 18 \cdot i_3 \quad R_4 = 18 \cdot i_4 \quad R_4 = 18 \cdot i$$

$$\lambda_{1} = \frac{-18 - 6\lambda_{2}}{18} = -1 - \frac{1}{3}\lambda_{2}$$

$$-12 = 12\lambda_{1} + 6\lambda_{1} = 12\lambda_{2} - 6 - 2\lambda_{2} = 10\lambda_{2} - 6l_{2}$$

$$-6 = 10\lambda_{2} = \lambda_{2} = -\frac{6}{10} = -0.6A \Rightarrow$$

$$\lambda_{1} = -1 + 0.2 = -0.8A$$