$$\vec{F} = \frac{e_1e_2}{4\pi\epsilon_0 r^2} \frac{\vec{r}}{1\vec{r}l} \quad \text{todic} \quad \text{elekk.le}$$

$$\int \vec{E} d\vec{S} = \frac{1}{\epsilon_0} \sum_{p} \vec{e} \quad \text{blob}$$

$$\begin{aligned}
P_{\text{kros}} &= \frac{1}{\epsilon_0} \sum_{p} \vec{e} \quad \text{blob} \\
P_{\text{kros}} &= E(r) = \begin{cases} \frac{e_1r}{4\pi\epsilon_0 r^2}; r \ge R \\ \frac{e_1r}{4\pi\epsilon_0 r^2}; r \le R \end{cases} \\
\text{votta} : E(r) = \begin{cases} 0: r < R \\ \frac{e_1r}{4\pi\epsilon_0 r^2}; r \le R \end{cases}$$

$$\begin{aligned}
e &= \xi_0 \quad \text{section} \\
E(r) &= \begin{cases} 0: r < R \\ \frac{e_1r}{4\pi\epsilon_0 r^2}; r \ge R \\ \frac{e_1$$

Polnjenje kondenzatorja: e(+)= CUz (1-e-kc)

Magnetro pote

$$je = rot \vec{B} = \vec{I}$$
 $je = rot \vec{B} = \vec{I}$ 

... gostota d. toka

 $\vec{B} = \mu_0 \vec{H}_{R,j} = \mu_0 \vec{I}_{R,j} = \mu_0 \vec{I}_{R,j}$ 

indukcija

$$Q_m = \vec{B} \cdot \vec{S} = \int \vec{B} \, d\vec{S}$$

$$U := \vec{B} \cdot d \cdot v = \frac{d \, Q_m}{d\vec{A}}$$

$$U := (\vec{A} \times \vec{B}) \vec{v}$$

M= Ja

$$\begin{bmatrix} TJ - \begin{bmatrix} \frac{Ns}{Cm} \end{bmatrix} = \begin{bmatrix} \frac{ks}{As^2} \end{bmatrix} = \begin{bmatrix} \frac{N}{Am} \end{bmatrix} = \begin{bmatrix} \frac{J}{Am^2} \end{bmatrix} = \begin{bmatrix} \frac{VS}{Ms^2} \end{bmatrix}$$

$$\begin{bmatrix} VJ = \begin{bmatrix} \frac{Nm}{As} \end{bmatrix} = \begin{bmatrix} \frac{W}{As} \end{bmatrix}$$

$$[R] = \left[\frac{Nm}{\Lambda^2 S}\right] = \left[\frac{V}{A}\right]$$

$$[F] = \left[\frac{A^2 s^2}{N_m}\right] = \left[\frac{A}{V} s\right]$$

$$[H] = \left[\frac{N_m}{A^2}\right] = \left[\frac{V}{A}S\right]$$