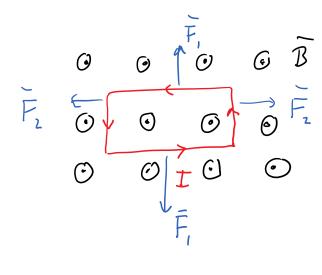


$$\bar{F} = q \left(\bar{E} + \bar{u} \times \bar{B} \right)$$





$$\overline{D}$$
 $\frac{A^{5}}{m^{2}}$

$$E_0 = 8.854 \cdot 10^{-12} \frac{A_T}{V_{m}}$$

$$\nabla \cdot \vec{D} = S_{r} \frac{As}{m^3}$$

$$\overline{B}$$
 $\frac{V_s}{m^2} = T$

$$\nabla x H = \bar{J} \frac{A}{m^2}$$

$$\nabla \cdot \overline{B} = 0$$

(STATICS)

MAXWELL'S EQUATIONS

$$\nabla \times \overline{E} = -\frac{\partial \overline{B}}{\partial t}$$

$$\nabla \cdot \overline{D} = S_r$$
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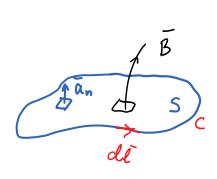
$$\vec{f}(\vec{R},t) = \vec{J} + 3\vec{D}$$

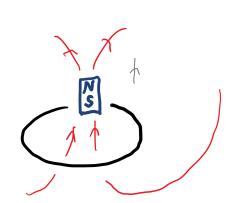
$$\nabla \times \vec{H} = \vec{J} + 3\vec{D}$$

$$\nabla \cdot \vec{B} = 0$$

FARADAY'S LAW

FARADAY





$$V = -\frac{\partial \mathcal{I}}{\partial t}$$

LENZ LAW

INDUCED CURRENT

-> SECONDARY MAGNETIC FIELD

WHICH OPPOSES THE

PRIMARY CHANGE

