Strong muids discuss ideas
Average muids discuss people
Weak muids
50CRATES

Example

$$\vec{H} = \frac{\vec{I} \cdot \vec{r}}{2\pi R^2} \hat{q} \qquad r > R$$

$$= \frac{\vec{I}}{2\pi r} \hat{q} \qquad r > R$$

$$\vec{R} = \mu \vec{H}$$

$$= \mu \vec{\Gamma} \vec{\Phi}$$

$$= \chi \vec{\Gamma} \vec{\Phi}$$

$$= \chi \vec{R} \vec{\Gamma}$$

$$= \mu_0 \vec{\Gamma}$$

$$= \chi_0 \vec{\Gamma} \vec{\Phi}$$

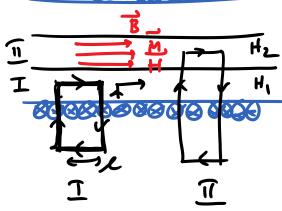
Example

N: Number of the

$$\frac{H_1L = nIL}{H_1 = nI^2}$$

$$\overline{H_2} = nI^2$$

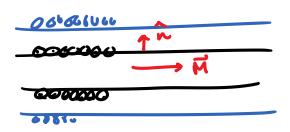
$$\overline{H_2} = \overline{H_1}$$



$$\vec{J}_b = \nabla x \vec{H} = 0$$

$$\vec{K}_b = \vec{M} \times \hat{n} = \chi_m n \vec{L} \hat{2} \times \hat{r}$$

$$= \chi_m n \vec{L} \hat{4}$$



Diamagnetii: Xm<0

Paramagneti : Km >0

Feromagnetio : 2m >>> 0

Electromagneta Industra

Michael Faralay

EMF
$$\mathcal{E} = -\frac{\partial}{\partial t} \overline{Q}_{m}$$

 $\overline{Q}_{m} = \int \overline{B} \cdot d\vec{x}$

$$\oint \vec{\epsilon} \cdot \vec{a} = -\frac{2}{24} \int \vec{B} \cdot \vec{a} \vec{a}$$

$$\int (\nabla x \vec{\epsilon}) \cdot d\vec{\lambda} = - \int \frac{\partial \vec{B}}{\partial t} \cdot \vec{\lambda}$$

$$\vec{B} = \nabla X \vec{A}$$

$$\nabla X \vec{E} = -\frac{\partial}{\partial t} (\nabla X \vec{A}) = -\nabla x \frac{\partial \vec{A}}{\partial t}$$

$$\vec{E} = -\frac{\partial \vec{A}}{\partial t}$$

No darge

$$0 \cdot \vec{E} = 0$$