Lezione 2

Bei coupi ei circuiti

MAXWELL

3 [A densité di conente

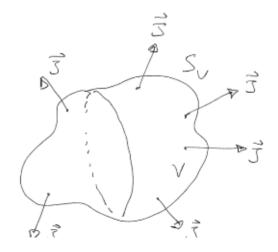
 $T = \int \vec{J} d\vec{S} = \int \vec{J} \cdot \vec{M} d\vec{S}$ $\vec{S} = \int \vec{J} \cdot \vec{M} d\vec{S}$

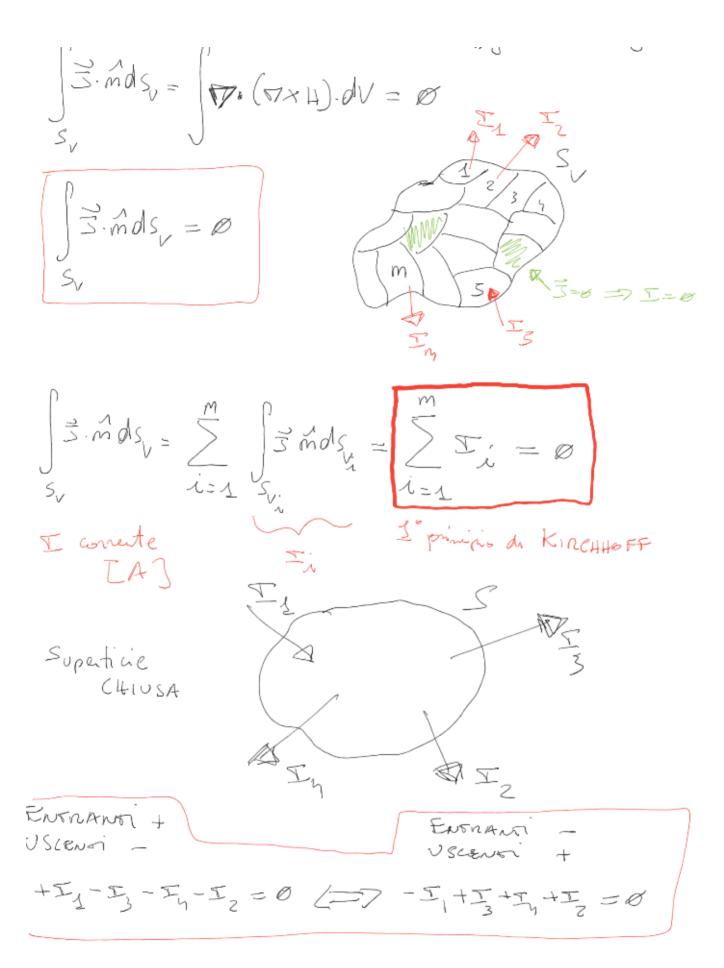
Condizione di Aexionaisté: deivote temporali melle

$$\nabla \times \vec{E} = \emptyset$$

$$\nabla \times \vec{H} = \vec{S}$$

TEOMETRA DEURA DIVENGENZA (GAUSS)





1-12171.27

BUERGENZA M F

$$\nabla \times \vec{F} = \left(\frac{\partial F_z}{\partial y} - \frac{\partial f_y}{\partial z} \right) \frac{\partial F_x}{\partial z} - \frac{\partial F_z}{\partial x} - \frac{\partial F_z}{\partial x} - \frac{\partial F_x}{\partial y} \right)$$

1

Rotone & ?

DENIVATA TERPONSIZ ON UN CAMPO VERTONIACE

$$\frac{\partial F}{\partial \ell} = \left(\frac{\partial F_{\chi}}{\partial \ell} / \frac{\partial F_{\chi}}{\partial \ell} / \frac{\partial F_{z}}{\partial \ell}\right)$$

$$i \qquad S \qquad K$$

TXE = 0 + 1 POTESI DI STATIONNETÀ

TEURENA DI KEWIN-STOKES

$$\int_{A} \vec{E} \cdot \hat{l} dl = \int_{S_{\lambda}} (\nabla x \vec{E}) \vec{n} ds_{\lambda}$$

E A R





\$ €. Îdl = 0

E = F coups elettrics

E. all = F. all LAUbno (ENENGIA)

 $\sum_{n=1}^{\infty} \frac{1}{2} \frac{1}{2}$

 $\int_{\lambda}^{2} \frac{1}{2} \int_{\lambda}^{2} \frac{1}{2} \int_{\lambda}^{2}$

2º primipio de Kinchhoff

V è le tensione [V] Volt

owers out difference di potentiale (d.d.p)