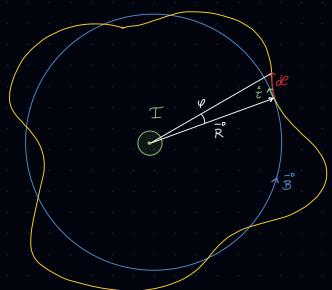
## Legge di Ampére

Da Biot-Savart: 
$$\vec{B} = K \cdot \frac{\vec{T}}{R} \hat{\tau} = \frac{Mo}{2\pi} \cdot \frac{\vec{T}}{R} \hat{\tau}$$

Compo di
un filo



-> circuitazione 
$$C = \oint \vec{B} d\vec{e} = K \oint \vec{B} \cdot \vec{7} d\vec{e}$$

Lo 1 Rad = 
$$\frac{e}{R}$$
 = 0  $e$  = Rad R

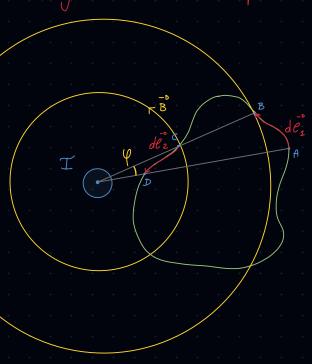
$$= D \quad \mathcal{C} = R \cdot \varphi \quad \neg D \quad \mathcal{T} \underline{d \mathcal{C}} = R \cdot \underline{d \varphi}$$

Teorema di Ampere
$$-c \quad C = \frac{Mo}{2\pi} \oint \frac{T}{R} \cdot R \cdot d\varphi = \frac{Mo}{2\pi} \underbrace{\int d\varphi}_{\text{avad}} \cdot \frac{360^{\circ} - 2\pi}{\text{avad}} - c \underbrace{C = \frac{Mo}{2\pi} \cdot 2\pi}_{\text{2}\pi} = Mo T$$

Morale 
$$-P$$
  $\oint \vec{B} d\vec{e} = \mu_0 T$  Seconda legge di Maxwell campo Magnetico Integrace

$$\oint_{e} \vec{A} \cdot d\vec{e} = \int_{S} (\vec{\nabla} \vec{\Lambda} \vec{A}) \cdot \vec{n} \, dS = D \qquad \oint_{B} \vec{B} \cdot d\vec{e} = \mu_{0} \, \mathbf{I} = D \qquad \int_{S} (\vec{\nabla} \vec{\Lambda} \vec{B}) \cdot \vec{n} \, dS = \mu_{0} \, \mathbf{I}$$

$$T = \vec{J} \cdot S = \int \vec{J} \cdot \hat{n} dS = D \cdot (\vec{\nabla} \wedge \vec{B}) \cdot \hat{n} dS = \mu_0 \cdot (\vec{J} \cdot \hat{n} dS) - D \cdot (\vec{\nabla} \wedge \vec{B}) \cdot \hat{n} dS = \mu_0 \cdot (\vec{\nabla} \wedge \vec{B}) \cdot \hat{n} dS = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) - D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) - D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) - D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) - D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS) + D \cdot (\vec{D} \cdot \hat{n} dS) = \mu_0 \cdot (\vec{D} \cdot \hat{n} dS$$



$$C = \int_{\overline{B}}^{\overline{B}} d\overline{e}^{\circ} = \int_{\overline{B}}^{\overline{B}} d\overline{e}_{1}^{\circ} + \int_{\overline{B}}^{\overline{B}} d\overline{e}_{2}^{\circ}$$

$$= \underbrace{M_{0} I}_{2\pi} \left[ \int_{A}^{B} d\varphi - \int_{C}^{D} d\varphi \right] = \emptyset$$

VVV Stesso Angolo p