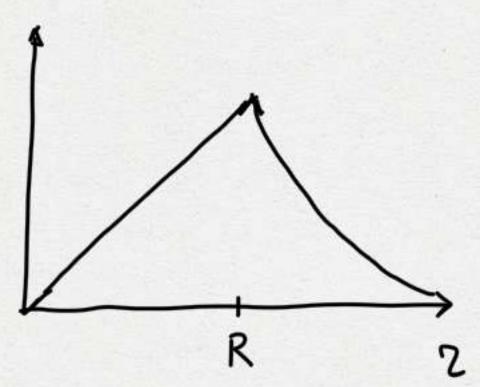
$$\begin{cases}
\frac{1}{2} \cdot d\vec{s} = \mu_n \vec{i} = \mu_n \int_{\Sigma} \vec{j} \cdot \hat{n} d\Sigma \\
\frac{1}{2} \cdot d\vec{s} = \int_{\Sigma} \vec{j} \cdot \hat{n} d\Sigma = \int_{\Sigma} \mu_n \vec{j} \cdot \hat{n} d\Sigma =$$

$$\vec{B}(\vec{z}) = \frac{\mu \cdot i}{2\pi 2} \hat{\varphi}$$

$$\vec{B}(\vec{z}) = \frac{\mu \cdot i}{2\pi 2} \hat{\varphi}$$

$$\vec{B} \cdot d\vec{s} = \vec{B} \cdot d\vec{s} = \vec{B} \cdot d\vec{s} = \vec{B} \cdot 2\pi 2 = \mu \cdot i + i$$

$$\vec{B} = \frac{\mu \cdot i}{2\pi 2} \quad \text{LEGSE DI BIOT - SAVART}$$



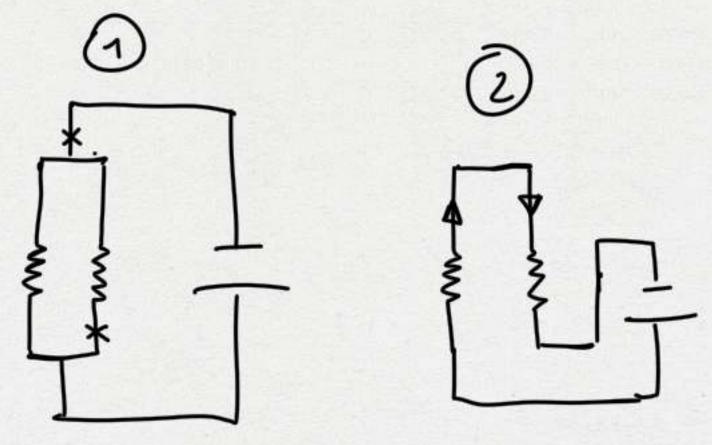
$$d\vec{F} = i d\vec{l} \times \vec{B} = i dl \hat{t} \times \vec{B}$$

$$d\vec{F}_{12} = i l dl \hat{t} \times \vec{B}_{1}$$

$$\vec{L}_{12} = i l dl \hat{t} \times \vec{B}_{1}$$

$$\vec{L}_{13} = i l dl \hat{t} \times \vec{B}_{1}$$

$$\vec{L}_{14} = i l dl \hat{t} \times \vec{B}_{14}$$

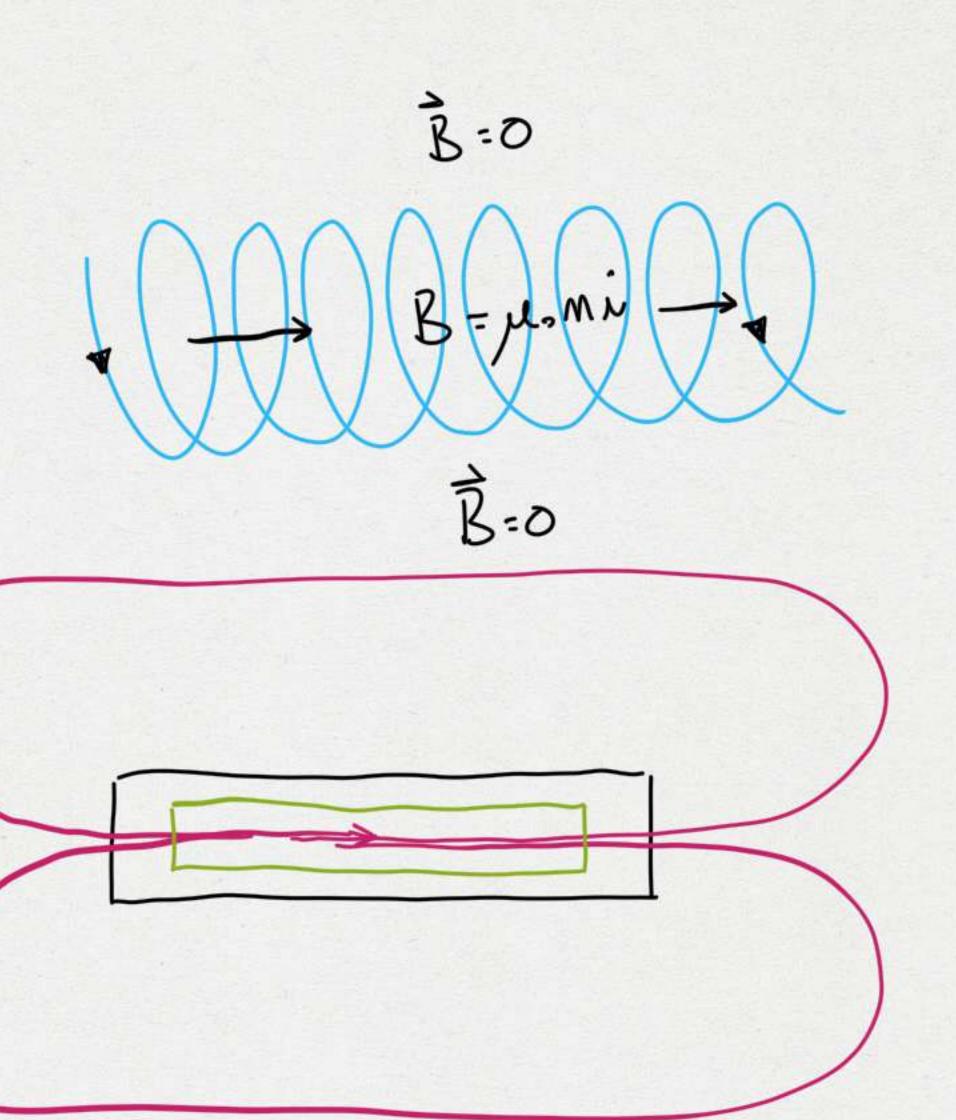


SOLENOIDE

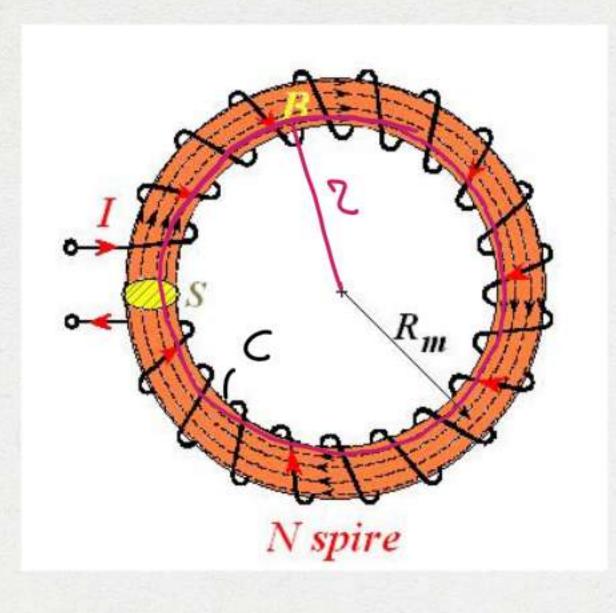


N SPIRE

$$\oint_{\mathcal{C}} \vec{B} \cdot d\vec{s} = \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} = \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} = \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} = \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} = \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q}} = \iint_{\mathfrak{Q}} + \iint_{\mathfrak{Q$$

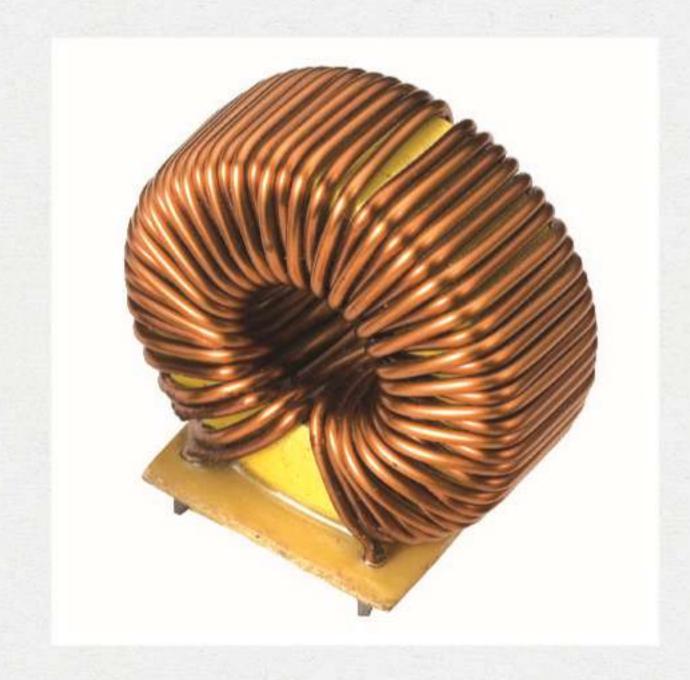






$$\frac{1}{9} \frac{1}{8} \cdot d\hat{s} = B \frac{1}{9} d\hat{s} = B 2\pi 2 = \mu \cdot Ni \neq S = \frac{\mu \cdot Ni}{2\pi 2}$$

N SPIRE



$$\frac{y}{z}$$

$$B_{o} = \frac{\mu_{o} \lambda}{2\pi |\mathcal{Z}_{0}|}, \quad \hat{\beta}_{o} = \hat{t} \times \hat{\mathcal{Z}}_{o} = \hat{t} \times \frac{\hat{\mathcal{Z}}_{o}}{\mathcal{Z}_{o}} = \hat{\mathcal{Z}}_{o} \quad \hat{\beta}_{\tau \text{ or }} = \hat{\beta}_{S} + \hat{\beta}_{D} = \hat{\beta}_{\tau \text{ or }} (x, 0, 0) = \frac{1}{2\pi |\mathcal{Z}_{0}|}$$

$$\vec{B}_{s} = \frac{\mu_{o} \lambda}{2\pi} \frac{\hat{y}}{x+\alpha}$$

$$\vec{B}_{\tau \sigma \tau} = \vec{B}_{S} + \vec{B}_{D} = \vec{B}_{\tau \sigma \tau} (x,0,0) = \frac{1}{2\pi} \left(\frac{1}{x+\alpha} - \frac{1}{x-\alpha} \right)$$