$$\vec{B} = \int d\vec{B}$$
Principe de superposition
$$= \int_{SI} \frac{\mu_0 J}{4\pi} \frac{d\ell \times \vec{u}_r}{r^2}$$
Loi de Biot-Sount
$$= \frac{\mu_0 J}{4\pi} \int_{SI} \frac{d\ell \times n\theta}{r^2} \vec{J}_{SI}$$

$$=\frac{\mu J_{A}}{4\pi}\int_{SJ}\frac{dx\,d}{r^{3}}$$

$$= \frac{4\pi}{4\pi} \hat{3} \int \frac{0 \times d}{r^3} dx$$

$$= \frac{4\pi}{4\pi} \hat{3} \int \frac{1}{(x^2 + d^2)^{3/4}} dx$$

$$\frac{4.1d}{4\pi} \hat{3} \int \frac{1}{(x^2+d^2)^{3/4}} dx$$

$$\frac{1}{\pi} \hat{3} \int \frac{x}{(x^2+d^2)^{3/4}} dx$$

$$\frac{4\pi}{4\pi} \int_{-\infty}^{\infty} (x^2 + d^2)^{2} dx$$

$$\frac{4\pi}{4\pi} \int_{-\infty}^{\infty} \frac{x}{d^2 \sqrt{x^2 + d^2}} dx$$

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 $\frac{\mu \cdot I}{2\pi J} \hat{3}$

$$=\frac{\mu_0 \int_{A}^{A} \int_{A}^{A} \lim_{A \to \infty} \sqrt{a^2 + J^2} \int_{A}^{A} - \frac{b}{(A^2 + J^2)}$$