$$M_0 I_w = 2\pi j_0 B$$

$$I_w = \int_{\mathcal{J}} dS = \int_{\mathcal{J}} e^{\alpha j_2} 2\pi j_0 dp = 2\pi j_0 \int_{\mathcal{J}} e^{\alpha j_0'} dp = 2\pi j_0 \int_{\mathcal{J}} e^{\alpha$$

$$= 2\pi j_0 \left[ \frac{-S'}{a} e^{\alpha p'} - \frac{1}{a^2} e^{-\alpha p'} \right]^2 =$$

$$+ \beta' e^{\alpha p'}$$

$$= 2\pi j_0 \left[ \frac{1}{a^2} - \frac{1}{a} e^{-\alpha p} - \frac{1}{a^2} e^{-\alpha p'} \right]$$

$$= 7 - \frac{1}{a} e^{-\alpha p'}$$

$$+ 0 \frac{1}{a^2} e^{-a\beta} = I \left[ 1 - a\beta e^{-a\beta} - e^{-a\beta} \right]$$

$$\int = \int_{0}^{\infty} \int dS = \frac{2\pi j_{0}}{2\pi i}$$

$$B = \frac{M \cdot I}{2\pi i} \left[ \frac{1}{p} - \alpha p^{-\alpha} p - \frac{1}{p} e^{-\alpha} p \right] \approx \frac{M_{0} I}{2\pi i} \left[ \frac{1}{p} - \alpha \left( 1 - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right) - \frac{1}{p} \left( 1 - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right) \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha \left( 1 - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right) - \frac{1}{p} \left( 1 - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right) \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} - \alpha p + \frac{\alpha^{2} p^{2}}{2} \right] = \frac{2\pi i}{2\pi i} \left[ \frac{1}{p} -$$

$$\frac{1}{a} < C \beta \qquad \beta \left( \beta \right) = \frac{I \mu_0}{2 \pi \beta}$$

$$\beta \left( \alpha \right) \approx 0$$

$$\frac{7}{9} > 9$$

$$\beta(p) = \frac{M \sqrt{1}}{2\sqrt{1}} \frac{q^2 p}{2}$$

$$\beta(q) = \frac{M \sqrt{1}}{2\sqrt{1}} \frac{q^2 p}{2}$$

$$= \frac{M_0 I}{2 J_1} \left[ \int_{0}^{1} -a^2 dx - \frac{a^3 g^2}{2} - \frac{a^3 g^2}{2} - \frac{a^3 g^2}{2} - \frac{a^3 g^2}{2} \right] = \frac{M_0 I}{2 J_1} \left[ \frac{a^2 g}{2} - \frac{a^3 g^2}{2} -$$