$$M_0 = 2\pi r \beta$$

$$I_{in} = 2\pi r \beta$$

$$I_{in} = \int_0^r ds = \int_0^r e^{-\alpha s} 2\pi r ds = \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} ds = \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} ds = \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} ds = \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} ds = \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} ds = \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} \int_0^r e^{-\alpha s} ds = \int_0^r e^{-\alpha s} \int$$

$$\beta(v) = \frac{2\sigma}{r} \left(\frac{1}{a^2} - \frac{r}{a} e^{-ar} - \frac{1}{a^1} e^{-ar} \right)$$

$$\int a = 0$$

$$e^{-\alpha r} \rightarrow 0$$

$$\beta = \frac{\tilde{z}_0}{r} \left(\frac{\gamma}{q^2} - \frac{\gamma}{\alpha} \left(\gamma - \alpha \gamma + \frac{\alpha^2 \gamma^2}{1} \cdots \right) - \frac{1}{q^2} \left(\gamma - \alpha \gamma + \frac{\alpha^2 \gamma^2}{1} \cdots \right) \right)$$

$$\beta = J_0 \left(\frac{1}{\sqrt{2}} - \frac{1}{\sqrt{\alpha}} + \gamma - \frac{\alpha \gamma^2}{2} - \frac{1}{\sqrt{2}\gamma} + \frac{1}{\sqrt{\alpha}} - \frac{\gamma}{2} \right) \gtrsim J_0 \frac{\gamma}{2}$$

$$\int -5j \cdot e^{-a\beta} 2\pi \beta d\beta = \frac{2\pi j \cdot \sigma}{a^2} \qquad j \cdot \sigma = \frac{La^2}{2\pi j}$$

$$F_{Z} = 9 V \beta = e V \beta(p)$$

$$F_{Z} = \frac{e \bar{j}_{o} e^{-ap}}{\epsilon_{o} V a}$$

$$\bar{j}(g) = V j (g) = \bar{j}_0 e^{-\alpha S}$$

$$\frac{j(s)}{\varepsilon_0} = \frac{\partial E}{\partial p}$$

$$\frac{F_L}{F_L} = \frac{\varepsilon_0 V^2 \alpha}{3 \varepsilon^2 e^{-\alpha \beta}} \int_{S} \left(\frac{1}{\alpha^2} - \frac{\rho}{\alpha} e^{-\alpha \beta} - \frac{1}{\alpha^2} e^{-\alpha \beta} \right)$$

 $\frac{20}{E_0V} = \frac{3E}{3\rho}$

$$\frac{\int_{-\infty}^{\infty} = \frac{\varepsilon_0 v^2}{s} \left(\frac{e^{\alpha s}}{a} - s^{-\frac{1}{a}} \right)$$