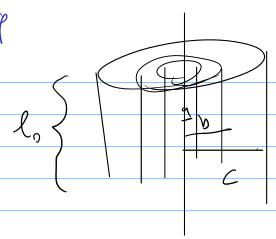


Convection Current:
$$\vec{J} = Sr\vec{u}$$

Stedy curt: \vec{I} \hat{x} = 9e Ne \hat{u}

7.8
$$J = JE$$
 $\int V = RI$ $R = \frac{L}{\pi r^2 \sigma}$



$$= \frac{\int_{Q} \frac{1}{|a|^2} \left| \frac{\int_{Q} \frac{1}{|a|^2} \left| \frac{1}{|a|^2} \frac{1}$$

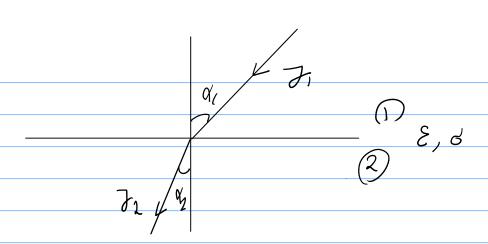
$$= \frac{1}{\frac{\partial_{\alpha} \pi a^{2}}{\partial_{\beta} \pi (b^{2} - a^{2})}}$$

$$= \frac{l_0}{\beta_a \overline{4} a^2 + \beta_b \overline{4} (b^2 - a^2)}$$

$$\frac{lo}{\beta_{\alpha} \overline{\eta} a^{2} + \beta_{b} \overline{\eta} (b^{2} - a^{2})} \frac{lo}{\beta_{c} \overline{\eta} (c^{2} - b^{2})}$$

$$T_b = \frac{V_0}{R_b}$$

$$\int_{C} \frac{1}{R_{C}} = \frac{V_{0}}{R_{C}}$$



$$\frac{\beta_{1T}}{\beta_{1}} = \xi_{4}$$

$$\frac{\overline{J_1 \sin d_1}}{\overline{S_1}} = \frac{\overline{J_2 \sin d_2}}{\overline{S_2}}$$

$$\frac{1}{\sigma_1} = \frac{\tan \alpha_1}{\sigma_2} = \frac{\tan \alpha_1}{\sigma_1} =$$

$$X_2 = tan \left(tand, \frac{\sigma_2}{\sigma_1} \right)$$

62 tan d,

