$$I_{12} = -\frac{e}{\tau_1} n \qquad I_{22} = -\frac{e}{\tau_2} f_2 (E_0)$$

$$I_{11} = \frac{e}{\tau_1} f_1 (E_0) \qquad I_{21} = \frac{e}{\tau_2} n$$

$$\overline{e} \longrightarrow \overline{\tau_1} \qquad \overline{\tau_2}$$