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$$\rho = \frac{2m^*}{\pi \hbar^2} \sqrt{2m^* (E - E_F)}$$

$$I = \frac{4e^2}{\hbar} \int_{E_F}^{E_F + eV} \rho(E) \rho(E') dE dE'$$

$$I \propto V^2 \rho(E_F)$$
 (1) Where M Is The Mass Of Electron And \hbar Is The Planck's Constant. An Electronic State Des Jan 13th, 2024

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