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Principles of Semiconductor Devices L Length m_L Electron diffusion length m_L Hole diffusion length m_L Mass kg m_0 Free electron mass kg m_e^* Effective mass of electrons kg m_h^* Effective mass of holes kg n Electron density m^{-3} n_i Intrinsic carrier density m^{-3} $n(E)$ Electron density per unit energy and per unit volume m^{-3}

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