Constants:

Planck's constant, h = 6.626 x 10^{-34} [Js]

$$\hbar = \frac{h}{2\pi} = 1.055x10^{-34}\,[Js]$$

free electron mass, m_0 = 9.11 x 10^{-31} [kg]

elementary charge, q = 1.602 x 10^{-19} [C]

Boltzmann constant, k_B = 1.381 x 10^{-23} [J/K]

vacuum permittivity, ε_0 = 8.854 x 10^{-12} [F/m]

speed of light, c = 3 x 10^{8} [m/s]