

$$\begin{aligned}
 & 2m \frac{dx^2}{dt^2} + V\psi = E\psi & \Delta t = \frac{\Delta t'}{\sqrt{1-\frac{v^2}{c^2}}} & 4\pi r^2 & X_L = \frac{U_m}{I_m} = \omega L = 2\pi f L & F_g = \frac{m_1 m_2}{r^2} & \mathcal{R} \\
 & U_{ef} = \frac{U_m}{E} & E = \hbar \omega & U = \frac{W_{AB}}{|E_{PA} - E_{PB}|} = |\varphi_A - \varphi_B| & T = \frac{4n_1 n_2}{(n_2 + n_1)^2} & R_m = \frac{C}{T} & k = \pm \sqrt{\frac{2m}{\hbar^2} (E - V_0)} \\
 & \vec{B} = \mu_1 \frac{NI\sqrt{2}}{l} & v = \frac{nh}{2\pi r m_e} & \varphi_E = \frac{F_e}{\rho_0} = k \frac{\rho}{r^2} \varphi & m = N \cdot m_0 = \frac{\varphi}{v_e} \frac{M_m}{N_A} & E = \frac{E_c}{a} \int_0^{a/L} \sin(\omega t + \phi) dy & \frac{\sin \alpha}{\sin \beta} = \frac{v_1}{v_2} = \frac{n_2}{n_1} & v = \frac{1}{\sqrt{\epsilon \cdot \mu}} = \frac{c}{\sqrt{\epsilon_r \mu_r}} \\
 & K = \rho^2 / 2m \mu_0 = \frac{M_m}{N_A} = \frac{M_r \cdot 10^{-3}}{N_A} & l_t = l_0(1 + \alpha \Delta t) & I = \frac{U_e}{R + R_i} & \omega = 2\pi f & \oint \vec{B} d\vec{l} = \mu \iint_S \vec{J} d\vec{S} & \vec{S} = \frac{1}{\mu_0} (\vec{E} \times \vec{B}) & E_k = \frac{h^2}{8mL^2} & \oint \vec{J} d\vec{S} = Q^* \\
 & \lambda = \frac{h}{\sqrt{2eUm_e}} & R = \rho \frac{l}{S} & E = mc^2 & \beta = \frac{\Delta I_c}{\Delta I_B} & \phi_e = \frac{\Delta E}{\Delta t} & \frac{\omega_1}{x} + \frac{\omega_2}{x'} = \frac{\omega_2 - \omega_1}{r} \\
 & f_0 = \frac{1}{2\pi} \sqrt{\frac{g}{l}} & \psi(x) = \sqrt{2/L} \sin \frac{n\pi x}{L} & E = \frac{1}{2} \hbar \sqrt{k/m} & \phi = \frac{2\pi \sin^2 \theta}{\lambda} & \oint \vec{J} d\vec{S} = Q^* \\
 & v_k = \sqrt{\frac{3kT}{m_0}} = \sqrt{\frac{3kTN_A}{M_m}} = \sqrt{\frac{3R_m T}{M_r \cdot 10^{-3}}} & & E = \frac{\hbar^2 k^2}{2m} & PC = \frac{1 \text{ AU}}{r} & S & R = \frac{U}{I} & F_v = \int \frac{F_n}{R} \\
 & \lambda = \frac{\ln 2}{T} & F_h = Shp g & f_0 = \frac{1}{2\pi \sqrt{LC}} & \sigma = \frac{Q}{S} & M = F d \cos \alpha & & & & \\
 & \left(\frac{E_t}{E} \right) = \frac{2 \cos \theta_1 \cos \theta_2}{1 + \cos^2 \theta_1 + \cos^2 \theta_2} & & & & & & & &
 \end{aligned}$$