$$\begin{split} S &= \frac{\left(v^2 - v_0^2\right)}{2a} \quad \Delta U = A + Q \quad F = \frac{GMm}{R^2} \quad X = x max \cdot \cos \omega t \quad Q = \lambda m \\ N &= N_0 2^{-t/\pi} \quad A = FS \cos \alpha \quad P = \frac{F}{S} \quad \Delta d = \frac{(2k+1)\lambda}{2} \quad \phi = \frac{P}{P_0 \cdot 100\%} \\ v_2 &= \frac{\left(v_1 + v\right)}{1 + v_1 v/c^2} \\ T &= 2\pi \sqrt{LC} \\ P &= IU \\ E &= \frac{mv^2}{2} \quad \eta = \frac{\left(Q_1 - Q_2\right)}{Q_1} \\ F &= mg \\ t &= \frac{t_1}{\sqrt{1}} - \frac{v^2}{c^2} \quad \lambda = vT \\ Z &= \sqrt{\left(Xc - XL\right)^2 + R^2} \\ E &= 2\pi k\sigma \\ Q &= C(T_2 - T_1) \\ F &= \rho gV \\ P &= m(g + a) \\ F &= \frac{kq_1q_2}{R_2} \\ \frac{V}{T} &= \text{const} \\ \rho &= \frac{m}{V} \\ Fy &= -kx \\ d \cdot \sin \phi &= k\lambda \end{split}$$