# Σqns

$$M = \frac{Rv^2}{G}$$

$$v_{esc} = \sqrt{\frac{2GM}{r}}$$

$$\beta = 10 \log_{10}\left(\frac{I}{I_0}\right)$$

$$F = ma$$

$$PV = nRT = NkT$$

$$I = \frac{V}{R}$$

$$E = mc^2$$

$$\gamma = \frac{1}{\sqrt{1 - \beta^2}}$$

$$\rho_c = \frac{3H_0^2}{8\pi G}$$

$$M_A V_A = M_B V_B$$

$$\omega = \frac{v}{r}$$

$$\varepsilon = \frac{C}{A}$$

$$n_1 \sin\theta_1 = n_2 \sin\theta_2$$

## Solutions To Life's Problems

It's hard enough to solve homework problems; there is no need to make the equations impossible to find as well. With this in mind, we at **EQNS** have developed a website which is extremely easy to navigate. We help you find your equation by field, level, and branch. With links to practice problems and citations to papers, you can always rest assured that the listed equations are accurate and clear.