$$c = \frac{1}{\sqrt{\epsilon_0 \mu_0}}$$

$$u = \frac{1}{2}\epsilon_0 E^2 + \frac{1}{2\mu_0} B^2$$

$$E = cB$$

$$S = S_0 \cos^2 \theta$$

$$n = \frac{c}{v}$$

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

$$\frac{1}{d_o} + \frac{1}{d_i} = \frac{1}{f}$$

$$f = \frac{r}{2}$$

$$m = -\frac{d_i}{d_o}$$

$$|m| = \frac{h_i}{h_o}$$

$$M = m_1 m_2$$

$$d' = d\left(\frac{n_2}{n_1}\right)$$

$$\tan \theta_B = \frac{n_2}{n_1}$$

$$\lambda_n = \frac{\lambda}{n}$$

$$d \sin \theta = m\lambda$$

$$d \sin \theta = \left(m + \frac{1}{2}\right)\lambda$$

$$2L = \left(m + \frac{1}{2}\right)\frac{\lambda}{n_2}$$

$$2L = m\frac{\lambda}{n_2}$$

$$W \sin \theta = m\lambda$$

$$\sin \theta = 1.22\frac{\lambda}{D}$$

$$\theta_{min} \approx 1.22\frac{\lambda}{D}$$

$$2d \sin \theta = m\lambda$$

$$...constants...$$

$$c = 3 \times 10^8 \ m/s$$