

$$360^\circ = 2\pi \text{ radians}$$

$$1^\circ = 60'$$

$$1' = 60''$$

$$I = I_0 \cos^2 \theta$$

$$f' = f(1 \pm \frac{u}{c})$$

$$\frac{1}{f} = (n - 1)(\frac{1}{R_1} - \frac{1}{R_2})$$

$$c = \lambda f$$

$$c = 2.998 \times 10^8 \text{ m/s}$$

$$f = -R/2$$

$$f = R/2$$

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

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

$$n = c/v$$

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

$$\sin \theta_c = n_2/n_1$$

$$M = f_o/f_e$$

$$l_2 - l_1 = m\lambda$$

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

$$d \sin \theta = (m - 1/2)\lambda$$

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

$$\theta = \lambda/W$$

$$D \sin \theta = 1.22m\lambda$$

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

$$1 \text{ Diopter} = 1\text{m}^{-1}$$