

Physics

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

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

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

$$M = \frac{h_i}{h_o}$$

$$n_{\text{air}} = 1.0003$$

$$n_{\text{vacuum}} = 1.0000$$

$$n_{\text{water}} = 1.333$$

$$\theta_i = \theta_r$$

$$c = 3.00 \times 10^8 \text{ m/s}$$

$$n = c/v$$