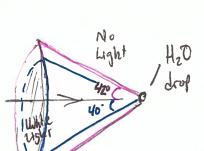
Nair = 1, NHD = 1.33, N=C/Vp



$$\theta_2 = \left(\frac{n_1}{n_2} \sin \theta_1\right)$$

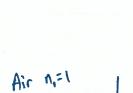
Rain Drop

1< n(Ared) < n (Ablue)



H20 n2=1.3

at red by is largest





9) 40-42.

$$\theta_z = \sin^{-1}\left(\frac{n_1}{n_2}\sin\theta_1\right)$$

Note, Oz < O, because 1, < N2

$$V_{p} = \frac{\omega}{k}$$

$$k = \frac{2\pi}{\lambda}$$

$$V_{p} = \frac{2\pi l}{2\pi / \lambda} = l\lambda$$

$$V = \sqrt{\epsilon} M$$

$$V = \sqrt{\epsilon} M$$

