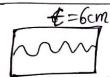


fringe width
$$\beta = \frac{\lambda P}{d}$$

Bandwidth in Bipasm:

$$X = \frac{\lambda D}{\sqrt{ab}}$$

Brewsler's law:



$$\lambda_g = \frac{\text{thickness}}{No \cdot \text{of waves}} = \frac{6}{N}$$

Myiolet > Myellow > Used

$$i = 8 + 8$$

$$S = i - 8$$

1. Velocity of light in vaccum:

2. Snell's

$$\mathcal{M}_{2} = \frac{8 \ln i}{8 \ln 8} = \frac{\mathcal{M}_{2}}{\mathcal{M}_{1}} = \frac{C_{1}}{C_{2}} = \frac{\lambda_{1}}{\lambda_{2}}$$

3. Velocity of light in medium

$$V = \frac{Ca}{\mu}$$
 or $\mu = \frac{Cais}{Cmedia}$

or
$$M = \frac{\text{Cair}}{\text{Crnediun}}$$

4. Wavelength of light in medium

$$\lambda_{m} = \frac{\lambda_{ais}}{\mathcal{M}}$$

5. Relation Between R-I of different medium;

ii.
$$a M_b = \frac{1}{b M_c \times_c M_a}$$

iii.
$$cMa = \frac{1}{aMc}$$

6. Wave No.
$$\vec{V} = \frac{1}{\lambda}$$

Interference is Based on Conservation of Energy