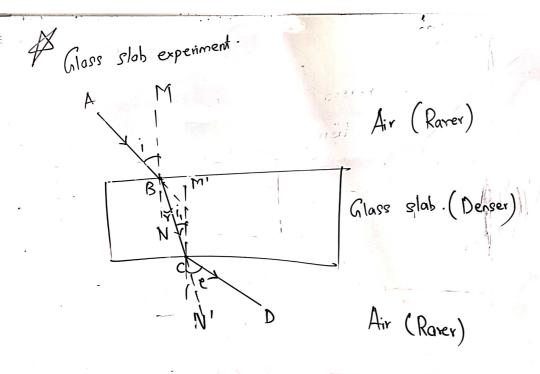
Apparent position. Real position. Refraction of Light Air Water



MN, M'N' = Normal

AB = Incident vay.

BC = Refracted Ray.

i = Angle of incidence

Y = Angle of refraction.

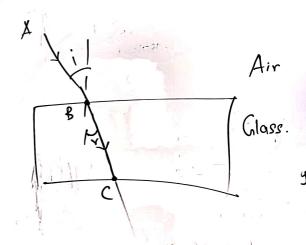
CD = Emergent vay

e = Angle of emergence

laws of Refraction?

Law 2: Snell's Law.

Refractive index (n) = Sin i
Sin Y



,

## Refractive: Index (n)

Prefractive Index of first medium:

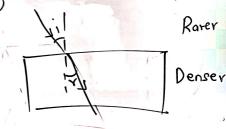
$$_{1}^{\prime}$$
 $_{2}^{\prime}$  =  $\frac{n_{1}}{n_{2}}$ 

Refractive index of second medium w.r.t first medium

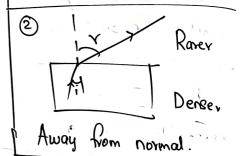
$$s_{U}' = \frac{v'}{v^{5}}$$

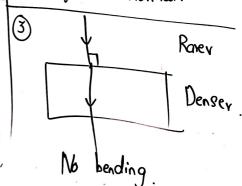
$$S_{U} = \frac{\Lambda^{5}}{\Lambda^{5}}$$

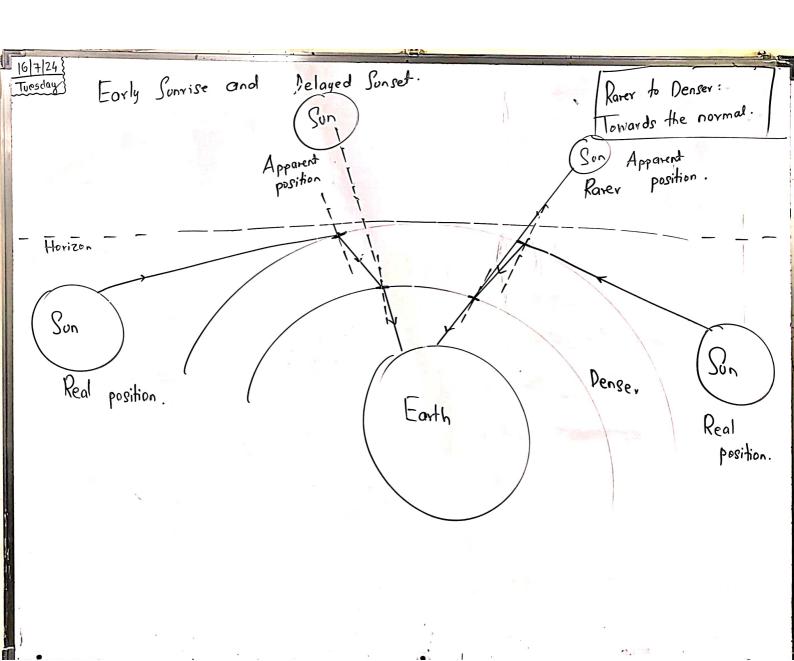




lowards the normal







Dispersion of Light (Sir Isaac Newton) Mavelength (x) T Crest Trough 19-2 waves. Frequency = 2 Hertz.

