

If you consider the common situation where light passes between two substances, such as air and glass or air and water, then the following relationship, called Snell's Law, is true:

The following eq'n can be derived

$$n = \frac{C}{V}$$
 When the first medium is not
 $\frac{f_{\lambda_1}}{f_{\lambda_2}}$ a vacuum and has IDR n_1 , $\frac{n_1}{n_2} = \frac{\lambda_1}{\lambda_2} = \frac{\sin \theta_1}{\sin \theta_2} = \frac{v_1}{v_2}$
 $n = \frac{\lambda_1}{\lambda_2}$ the eq'n is

The angle of refraction depends on the angle of incidence, however for some values of the angle, there is no refracted ray.



