

1. What is the Brewster angle for air to glass transition? (Refractive index of glass = 1.5)

Sol. Given, $\mu = 1.5$

Using formula, $\tan i_p = \mu$

or $i_p = \tan^{-1}(\mu)$

$= \tan^{-1}(1.5)$

Thus, $i_p = 56.3^\circ$