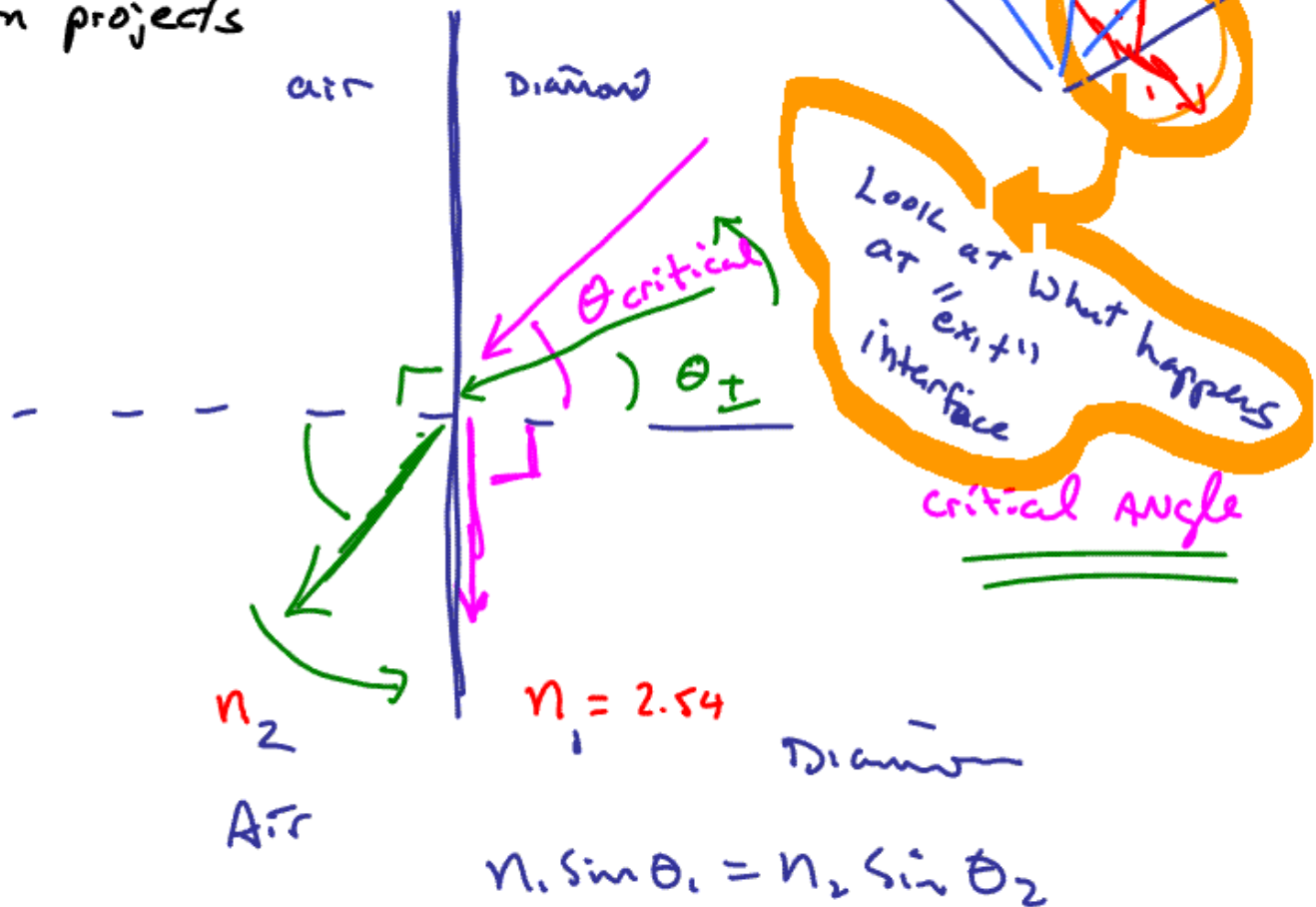


P114 - April 13, 2006

Spent most of our
time on projects

why do
diamonds
sparkle



$$\frac{n_1}{n_2} = \sin \theta_{\text{critical}}$$

very high index of refraction means
critical angle is small

\Rightarrow most light is internally reflected.