

Physics 202 Spring 2010

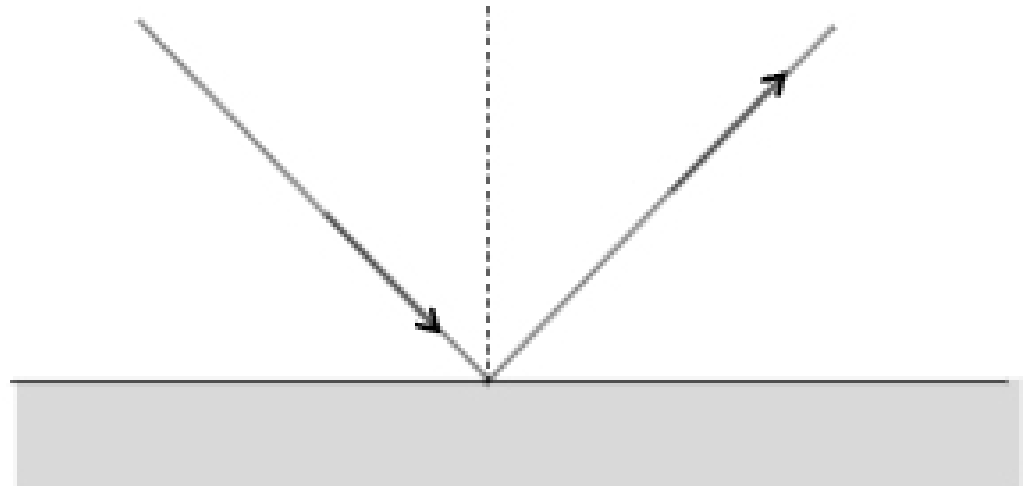
Lecture 25

Today's topics:
reflection and mirrors
refraction and lenses

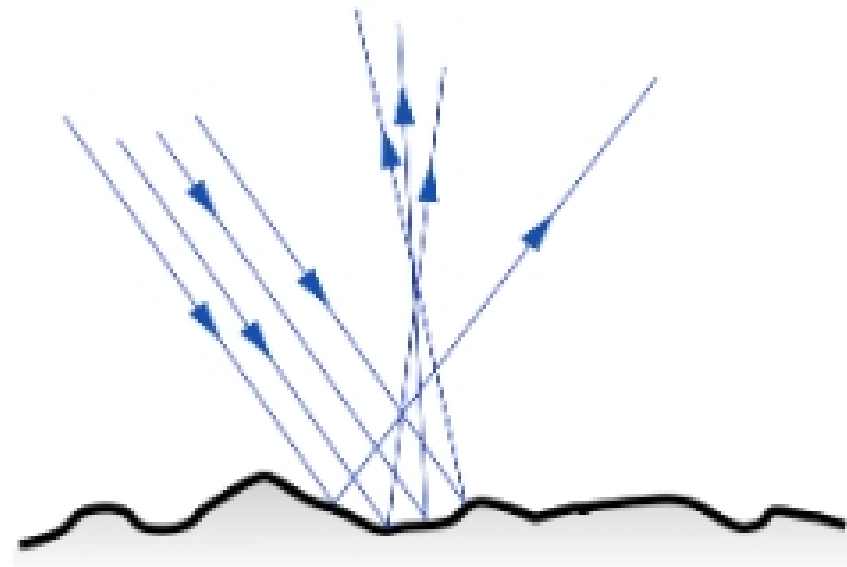


Two types of reflection

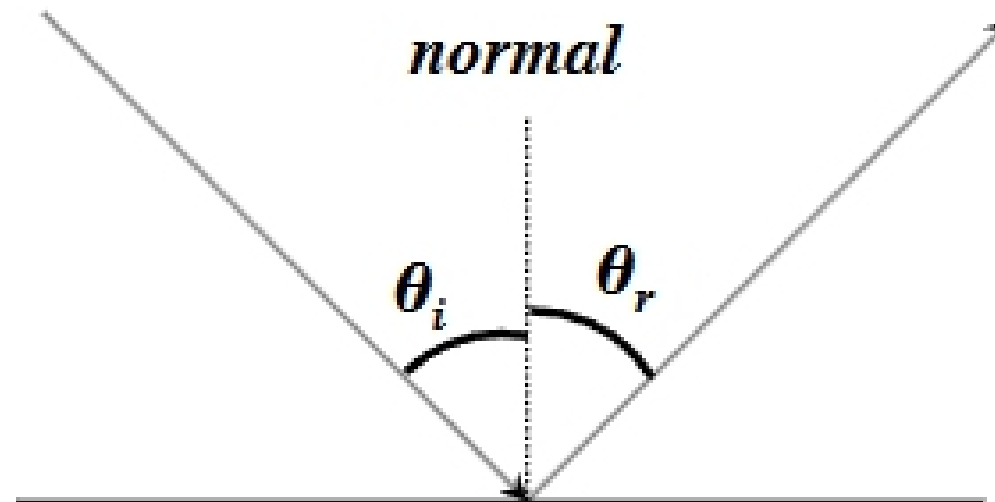
Specular reflection:
reflection off a smooth
surface



Diffuse reflection:
reflection off a rough
surface



Specular Reflection



$\theta_i = \text{angle of incidence}$

$\theta_r = \text{angle of reflection}$

$$\theta_i = \theta_r$$