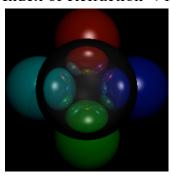


Index of Refraction < 1



total internal reflection

Algorithm

Trace (ray){

For each object in scene intersect (ray, object)
If no intersections
return background_color

Color = c_a * c_r (Ambient * reflected diffuse color of surface)

For each light

for each object in scene intersect(shadowRay, object) Accumulate local illumination

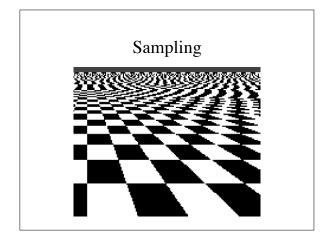
Trace (ReflectionRay)

Trace (TransmissionRay)

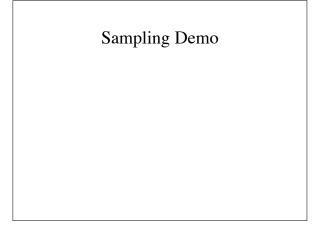
Accumulate global illumination

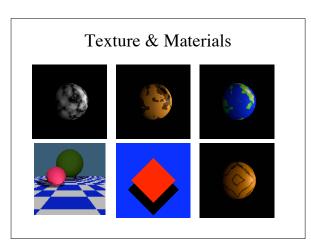
Return illumination

}









	Links • http://www.acm.org/tog/GraphicsGems/