



May 31st pg 2 = Spatial Distribution of Light Cgloss iness, translucency transparences) -measured in terms of BSSDF (Bidirectional Surface scattering distribution function) / 1, 41, x BRDF (Pr): Bidirectional reflectance distribution function BT DF (Fr): Bidirectional transmittance distribution function 14 (0; (1) M 4 (00,00) dlo (40,1) Li(4: x) du cos (0) Fr (4', 4°, 1)

Light Always on the exami & Lumbertian (Diffuse) Model Properties of Lumbertian materials: - the amount of light seen by the viewer is independent of the viewer's direction - the amount of light is proportional only to cos 0: (angle of incidence) Simple lumbertion mode)

Tout = kd In (tin)

P (os (oi)

Tout = The more light of the directly one head Specular (Mirror Reflection)

Reflection law

Significant Company

Oi For AR R=NCOSO +S S=Nsin0= Ncos0-L = NCOSO + NCOSO - L = 2 N Cos 0 - C = 2N(NC) -C if Ly = L-2N(10N)