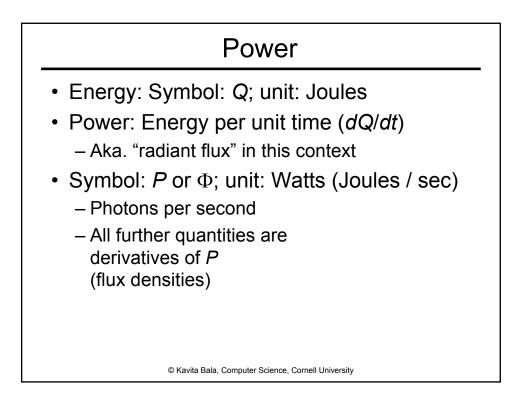
## Lecture 5: Rendering Equation Chapter 2 in Advanced GI

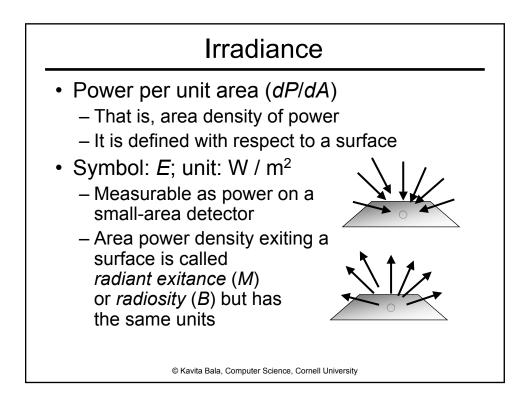
## Fall 2004 Kavita Bala Computer Science Cornell University

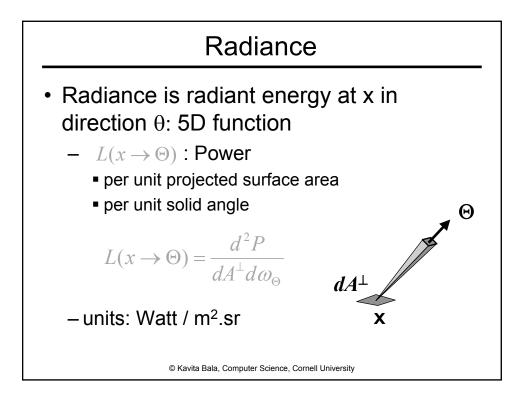


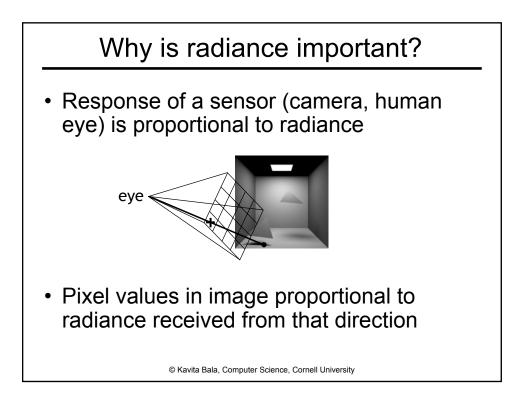
- Radiometry: measurement of light energy
- Defines relation between
  - Power
  - Energy
  - Radiance
  - Radiosity

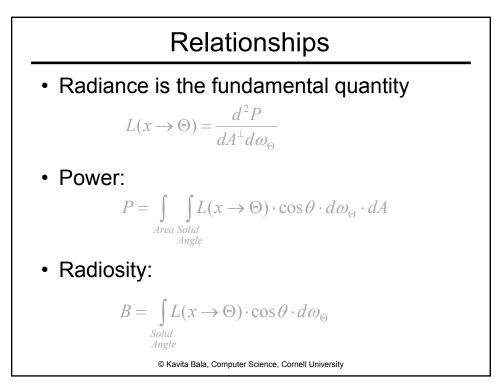
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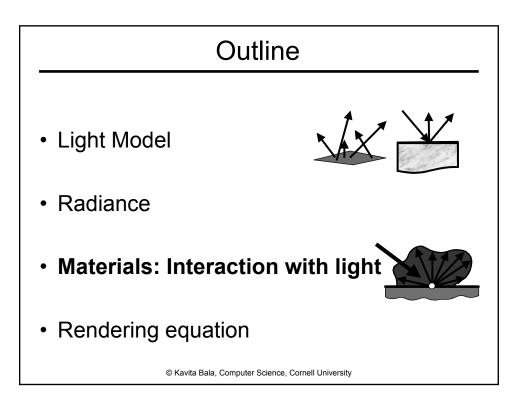


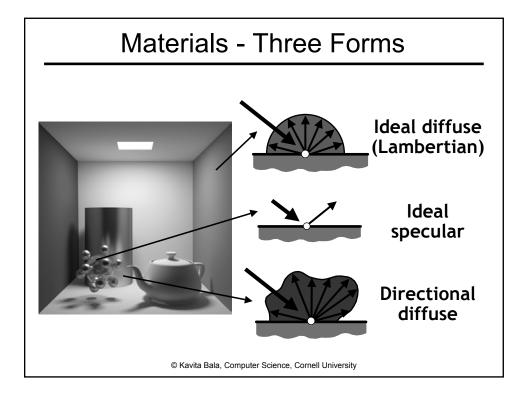


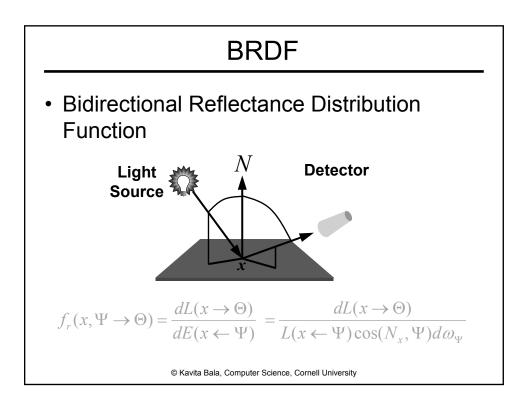


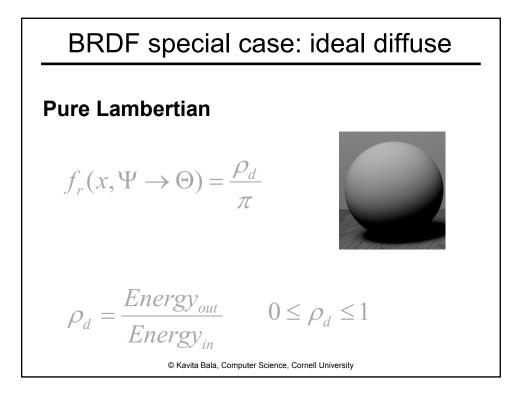


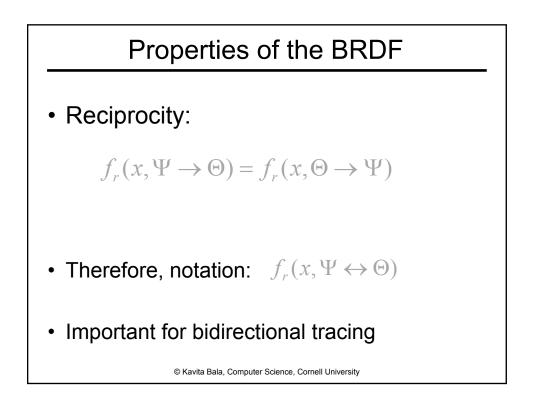


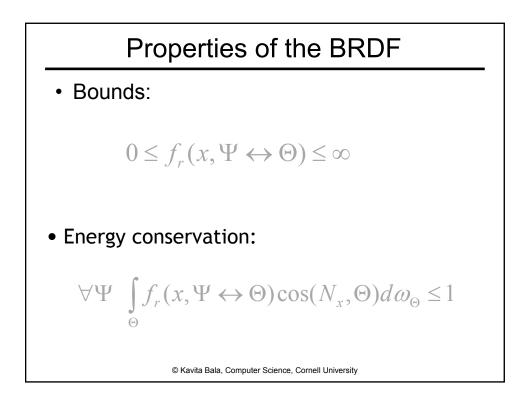


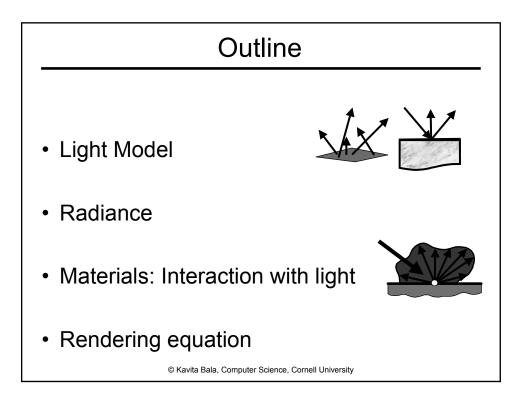












## Light Transport

Goal

 Describe steady-state radiance distribution in scene

- Assumptions:
  - Geometric Optics
  - Achieves steady state instantaneously
- Related:
  - Neutron Transport (neutrons)
  - Gas Dynamics (molecules)

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