

Outline

- Image-based BRDF measurement
- Efficient measurement
- Validation of analytic BRDF models

ials in Computer Graphic

Data-driven BRDF model



Woiciech Matusik







































BRDF Fitting



- Target models: Blinn-Phong, Cook-Torrance, He et al., Lafortune et al., Ward, Ashikhmin-Shirley
- Assumption
 - Lambertian diffuse

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- Model parameters color independent























Observations

Some materials impossible to represent with a single lobe
Acquired data
Cook-Torrance

SIGGRAPH2005















































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