

Assignment 3.1 BRDF

- In the context of lighting models, BRDFs are highly relevant. Name three parameters, which can be input into a BRDF.

Incoming light direction

Outgoing view direction

Surface position

- What does the value of a BRDF for a certain parameter set tell us?

BRDF for a certain parameter tell us how much light is reflected when light makes contact with a certain material.

- How can we obtain BRDFs? Name two different approaches
 1. Use a device called gonioreflectometer to measure BRDF directly
 2. Theoretical models could be used to acquire BRDFs. Basis illumination approach for instance.