Diffraction Shader

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- 1 Abstract
- 2 Introduction
- 3 Previous Work
- 4 Theory

4.1 formulas

The follwoing formulas havs been used in order to perform the derivations tell what i mean

$$\psi_2 = \frac{ike^{ikR}}{4\pi R}(Fv - p) * \int_S ne^{ikvs}$$
 (1)

explain me

$$L_{\lambda}(\omega_r) = \int_{\Omega} BRDF_{\lambda}(\omega_i, \omega_r) L_{\lambda}(\omega_i) cos(\theta_i) d\omega_i$$

= xyz
= t

4.2 derivation

$$L_{\lambda}(\omega_r) = \int_{\Omega} BRDF_{\lambda}(\omega_i, \omega_r) L_{\lambda}(\omega_i) cos(\theta_i) d\omega_i$$
$$= \int_{\Omega} BRDF_{\lambda}(\omega_i, \omega_r) L_{\lambda}(\omega_i) cos(\theta_i) d\omega_i$$
$$= t$$

- 5 Implementation
- 6 Experiment
- 7 Evaluation
- 8 Results
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