1 Theory

1.1 basis

The follwoing formulas havs been used in order to perform the derivations

$$\psi_2 = \frac{\imath k e^{ikR}}{4\pi R}(Fv - p) * \int_S n e^{ikvs} \tag{1}$$

$$L_\lambda(\omega_r) = \int_\Omega BRDF_\lambda(\omega_i, \omega_r)L_\lambda(\omega_i)cos(\theta_i)d\omega_i \tag{2}$$

1.2 derivation