

$$f_p(\omega_i', \omega_s, \omega_p)$$

- Evaluation of perturbed first BRSP using incoming direction reflected by ω target first and outgoing direction in local space of ω_p .

$$\langle \omega_s, \omega_p \rangle$$

- cosine weight for perturbed first

$$G_1(\omega_s, \omega_p)$$

- Markov of outgo by perturbed first

$$1 - G_1(\omega_i', \omega_p)$$

- Markov of reflected incoming direction by target first

$\rightarrow = 1$, in the lower hemisphere.