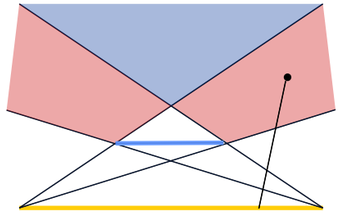

$$L_o(p, \omega_o) = \sum_{l \in \text{lights}} \int_{\Omega} f(p, \omega_o, \omega$$

$$\mathbb{E}\left[L_o(p, \omega_o)\right] = \frac{1}{p(\text{r.target})} \mathbb{E}\left[\sum_{i}^{N}\right.$$

$$L_o(p, \omega_o) = \int_{\Omega} f(p, \omega$$
$$+ \int_{\Omega} f(p, \omega$$