Edwards halfway-vector disk (2006) n = 10(1)(2)R=1 $\operatorname{lump}(\vec{h}, R, n) = (n+1)/(\pi * R * R) * (1 - (\vec{h} \cdot \vec{h})/(R * R)^n)$ (3)Scaling projection $uH = \vec{\omega_i} + \vec{\omega_o}$ (4) $h = (\vec{n} \cdot \vec{\omega_0})/(\vec{n} \cdot uH) * uH$ (5) $huv = h - (\vec{n} \cdot \vec{\omega_0}) * \vec{n}$ (6)Specular term (D and G) p = lump(huv, R, n)(7) $f = p * ((\vec{n} \cdot \vec{\omega_o})^2) / (4 * (\vec{n} \cdot \vec{\omega_i}) * (\vec{\omega_i} \cdot \vec{h}) * ((\vec{n} \cdot \vec{h})^3))$ (8)