

計算式

$$I_{\theta} = \frac{8\pi^4 a^6}{R^2 \lambda^4} \left| \frac{m^2 - 1}{m^2 + 2} \right|^2 (1 + \cos^2 \theta) \quad (7.18)$$

別紙

散乱光強度と粒径の関係

$\alpha \backslash \theta$	30	45	60	120	150
4.0	361.1	65.6	24.1	8.4	3.8
2.0	132.4	107.9	92.0	1.8	1.1
1.0	17.3	14.2	18.7	13.3	7.5
0.5	1	1	1	1	1