ERRATUM

S. Klose, 'The Scattering of Light by Dielectric Particles', *Astrophys. Space Sci.* **125**, 157 (1986).

R. W. Mahood from the Pennsylvania State University pointed out to my attention the fact that Equation (2.20) of the above-mentioned paper is incorrect. The first line should be

$$n_x \, df = \left(\frac{\partial y}{\partial \vartheta} \frac{\partial z}{\partial \varphi} - \frac{\partial y}{\partial \varphi} \frac{\partial z}{\partial \vartheta} \right) d\vartheta \, d\varphi .$$

The term with R^6 must vanish and the previous term be proportional to $\sin^2 \vartheta$, and not $\sin^4 \vartheta$.

If this corrected equation is used in Equation (2.25), polarization effects for the ellipsoidal particles no longer occur. Therefore, the statements in Section 2.3.2 are not correct. In Figures 1 and 2 the curves which are signed with 'ray-approximation' refer also to the presented theory. The other curves are incorrect.

However, the theory itself does not change and is also valid for an ellipsoidal particle with arbitrary values for a , b , and c .

S. KLOSE