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# Light Scattering by Nonspherical Particles Theory, Measurements, and Applications

Academic Press, San Diego, 2000

## ERRATA

(lfb = line from bottom; lft = line from top)

Page 13. Equations (32) and (33) should read

$$C_{\text{sca}} = \frac{1}{I^{\text{inc}}} \int_{4\pi} d\mathbf{n}^{\text{sca}} \tilde{I}(\mathbf{n}^{\text{sca}}), \quad (32)$$

$$\tilde{I} = Z_{11}I^{\text{inc}} + Z_{12}Q^{\text{inc}} + Z_{13}U^{\text{inc}} + Z_{14}V^{\text{inc}}. \quad (33)$$

Page 23. Equation (87) should read

$$\frac{d\mathbf{I}(\vartheta, \varphi)}{d\tau} = -\mathbf{I}(\vartheta, \varphi) + \frac{\varpi}{4\pi} \int_{-1}^{+1} d(\cos \vartheta') \int_0^{2\pi} d\varphi' \mathbf{Z}_n(\vartheta, \vartheta', \varphi - \varphi') \mathbf{I}(\vartheta', \varphi').$$

Page 47, 20<sup>th</sup> lft. “Liou, 1998a, Chapter 11” should read “Liou, 1998a; Chapter 11”

Page 47, 21<sup>st</sup> lft. “Macke *et al.*, 1996a, Chapter 10” should read “Macke *et al.*, 1996a; Chapter 10”

Page 165, 8<sup>th</sup> lfb. “Tseng and Fung (1994)” should read “Tzeng and Fung (1994).”

Page 237, Eq. (29).  $m^1$  should be  $m_1$ .

Page 315. Equation (11) should read

$$k_{\text{ext}} = \pi r_{\text{eff}}^2 (1 - v_{\text{eff}}^2) (1 - 2v_{\text{eff}}^2) Q_{\text{ext}}(\text{incl}) n_0$$

Page 348. Equation (59) should read

$$u(\Omega^{\text{sca}}, \Omega^{\text{inc}}) = A_{\perp} \frac{2J_1(k\sqrt{A_{\perp}}/\pi \sin \Theta)}{k\sqrt{A_{\perp}}/\pi \sin \Theta}$$

Page 357. In Eq. (7). “ $M\gamma$ ” should read “ $M(\gamma)$ ”

Page 512. Last sentence. The words “lower” and “upper” should be interchanged.

Page 606, 19<sup>th</sup> lfb. “Baltzer” should read “Balzer”

Page 619, 13<sup>th</sup> lft, “*Luminol.*” should read “*Limnol.*”

Page 620, 16<sup>th</sup> lfb. “1.375- $\dot{m}$ ” should read “1.375- $\mu\text{m}$ ”

Page 627, 1<sup>st</sup> lft. “relations” should read “relationships”

Page 635, 12<sup>th</sup> lfb. “spheroid” should read “spheroidal”

Page 647, 21<sup>st</sup> lft. “Nussenzvig” should read “Nussenzveig”

Page 665. “Tseng, Y. C., and Fung, A. K. (1994)” should read “Tzeng, Y. C., and Fung, A. K. (1994)”

Page 689, 7<sup>th</sup> lfb. “Spherical harmonies” should read “Spherical harmonics”

Color plates 14.2, 14.3, 14.4(a), 14.4(b), and 14.5 were supposed to have gray-scale counterparts displaying lidar backscattered energy. The gray-scale images were erroneously omitted in the published version of the book and are provided on the following page.