

Corrigenda: Single-Particle Light Scattering—Imaging and Dynamical Fluctuations in the Polarization and Spectral Response

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A few typographic errors were discovered after the article's publication in the Journal of Physical Chemistry A, **111**, 4987–4997 (2007). They are listed below:

Oversights pointed out by Luis F. Guerra:

- Page 4992, bottom of column 1 and top of column 2, equations (28) and (29):

$$\begin{aligned}
 I_{s,o,x} = & \frac{1}{18} \left[(7A + 3B - 3AH + BH) \alpha_{\text{aniso}}^2 - 6(A + 3B + 3AH + BH) \alpha_{\text{aniso}} \alpha_{\text{iso}} + 9(4A + 3B + BH) \alpha_{\text{iso}}^2 \right] \\
 & + \frac{1}{12} \left[(A + 3AH + 8BH) \alpha_{\text{aniso}}^2 + 6(A + 3B + 3AH + BH) \alpha_{\text{aniso}} \alpha_{\text{iso}} \right] \sin^2 \theta \\
 & + \frac{1}{6} \left[(9C + 3CH) \alpha_{\text{aniso}} \alpha_{\text{iso}} - 4CH \alpha_{\text{aniso}}^2 \right] \cos 2\phi \sin^2 \theta \\
 & + \frac{1}{4} (C + 3CH) \alpha_{\text{aniso}}^2 \cos 2\phi \sin^4 \theta + \frac{1}{4} (B + 3BH) \alpha_{\text{aniso}}^2 \sin^4 \theta,
 \end{aligned} \tag{1}$$

and

$$\begin{aligned}
 I_{s,o,y} = & \frac{1}{18} \left[(7A + 3B - 3AH + BH) \alpha_{\text{aniso}}^2 - 6(A + 3B + 3AH + BH) \alpha_{\text{aniso}} \alpha_{\text{iso}} + 9(4A + 3B + BH) \alpha_{\text{iso}}^2 \right] \\
 & + \frac{1}{12} \left[(A + 3AH + 8BH) \alpha_{\text{aniso}}^2 + 6(A + 3B + 3AH + BH) \alpha_{\text{aniso}} \alpha_{\text{iso}} \right] \sin^2 \theta \\
 & - \frac{1}{6} \left[(9C + 3CH) \alpha_{\text{aniso}} \alpha_{\text{iso}} - 4CH \alpha_{\text{aniso}}^2 \right] \cos 2\phi \sin^2 \theta \\
 & - \frac{1}{4} (C + 3CH) \alpha_{\text{aniso}}^2 \cos 2\phi \sin^4 \theta + \frac{1}{4} (B + 3BH) \alpha_{\text{aniso}}^2 \sin^4 \theta,
 \end{aligned} \tag{2}$$

The original derivation (Mathematica) was correct; but a mistake was made when transcribing to the manuscript (2018.10.01).

- Page 4994, column 2, equation (39): was

$$\langle \chi_d(t) \chi_d(0) \rangle = \frac{2}{15} \left(\frac{\alpha_{\text{aniso}}}{\alpha_{\text{iso}}} \right)^2 \left(\frac{3C + CH}{4A + 3B + BH} \right)^2 \left[\sum_{n=-2}^2 (D_{n,0}^{(2)}(\Omega_{DP}))^2 e^{-6D_{\perp} + n^2(D_{\parallel} - D_{\perp})t} \right]. \tag{3}$$

The original derivation (Mathematica) was correct; but a mistake was made when transcribing to the manuscript (2018.10.01).

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