Additions and Corrections

Collision-Induced Effects on the Dielectric Properties of Liquid Dimethylsulfoxide

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The equations (1), (2), (5), (21), (23) and (24) were misprinted. The full correct equations are given as follows:

$$v(i,j) = \sum_{\alpha\gamma}\left[v_{\alpha\gamma}^{lj}\left(\left|\mathbf{r}_\alpha^i - \mathbf{r}_\gamma^j\right|\right) + v_{\alpha\gamma}^{coul}\left(\left|\mathbf{r}_\alpha^i - \mathbf{r}_\gamma^j\right|\right)\right] \quad (1)$$

$$\frac{[\varepsilon(0)-\varepsilon_\infty][\varepsilon_\infty + 2\varepsilon(0)]}{\varepsilon(0)} = \frac{N\mu^2}{Vk_BT\varepsilon_0}Lg_K \quad (21)$$

$$v_{\alpha\gamma}^{lj} = 4\varepsilon_{\alpha\gamma}\left[\left(\frac{\sigma_{\alpha\gamma}}{r}\right)^{12} - \left(\frac{\sigma_{\alpha\gamma}}{r}\right)^6\right] \quad (2)$$

$$\alpha(\omega) = \frac{[\varepsilon(0)-\varepsilon_\infty]\omega}{n(\omega)c}\varepsilon''(\omega) \quad (23)$$

$$\alpha = \begin{bmatrix} 7.601 & 0.705 & 0.000 \\ 0.705 & 7.006 & 0.000 \\ 0.000 & 0.000 & 8.676 \end{bmatrix}\mathring{A}^3 \quad (5)$$

$$F(\omega) = \frac{\alpha(\omega)n(\omega)}{\varepsilon(0)-\varepsilon_\infty} = \omega^2\int_0^\infty \Phi(t)\cos(\omega)dt \quad (24)$$