
ERRATA

**Erratum: Short-range screening potentials for classical Coulomb fluids:
Monte Carlo sampling and cluster model studies
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An error was involved in the calculation of Eq. (41); the following corrections have thus become necessary. We thank Dr. Y. Rosenfeld (private communication) for calling our attention to this error.

Equation (41) should read:

$$A[x; \xi, \eta] = \frac{3}{8} \frac{1-\theta^2}{\theta^3} \left[\ln \left(\frac{1+\theta}{1-\theta} \right) - \frac{2\theta - \frac{4}{3}\theta^3}{1-\theta^2} \right] x^2, \quad (41)$$

Equation (49b) and sentences thereafter in the paragraph should read:

$$\begin{aligned} \xi_2 &= \frac{1}{4!} \lim_{x \rightarrow 0} \frac{d^4}{dx^4} h_c(x) \\ &= \frac{1}{4!} \lim_{x \rightarrow 0} \left[-\frac{\partial^4 A}{\partial x^4} - 3 \left(\frac{d\theta}{dx} \right) \frac{\partial^4 A}{\partial \theta \partial x^3} - 3 \left(\frac{d\theta}{dx} \right)^2 \frac{\partial^4 A}{\partial \theta^2 \partial x^2} - \left(\frac{d\theta}{dx} \right)^3 \frac{\partial^4 A}{\partial \theta^3 \partial x} \right] \\ &\approx 0.036. \end{aligned} \quad (49b)$$

The mathematical proof of Eqs. (49) will be given in the Appendix.

In the sixth line of the following paragraph, “are the same . . .” should read “are almost the same . . .”.

In Eq. (A7), “ $= \frac{\partial^4 A}{\partial \theta^2 \partial x^2}$ ” should be deleted.