Soft Matter

CORRECTION

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# Correction: Phase behavior of colloid–polymer depletion mixtures with unary or binary depletants

Nayoung Park and Jacinta C. Conrad *

Correction for 'Phase behavior of colloid–polymer depletion mixtures with unary or binary depletants' by Nayoung Park *et al.*, *Soft Matter*, 2017, **13**, 2781–2792.

The authors would like to correct errors in Fig. 3 and 4. The *x*-axes of Fig. 3d–f and 4d–f should have no units, and the *x*-axis labels of Fig. 4a–c should be $r/2a$. Furthermore, there was a data set missing in Fig. 3f, for $\phi = 0.45$ and $C_p/C_p^* = 2.95$, and a data set missing in Fig. 4d, for $\phi = 0.05$ and $C_{p,L}/C_{p,L}^* = 0$. The correct versions of Fig. 3 and 4 are shown below. These corrections affect neither the calculations nor the conclusions of the manuscript. Finally, Nayoung Park would like to acknowledge partial support from the Houston Endowment Fund.

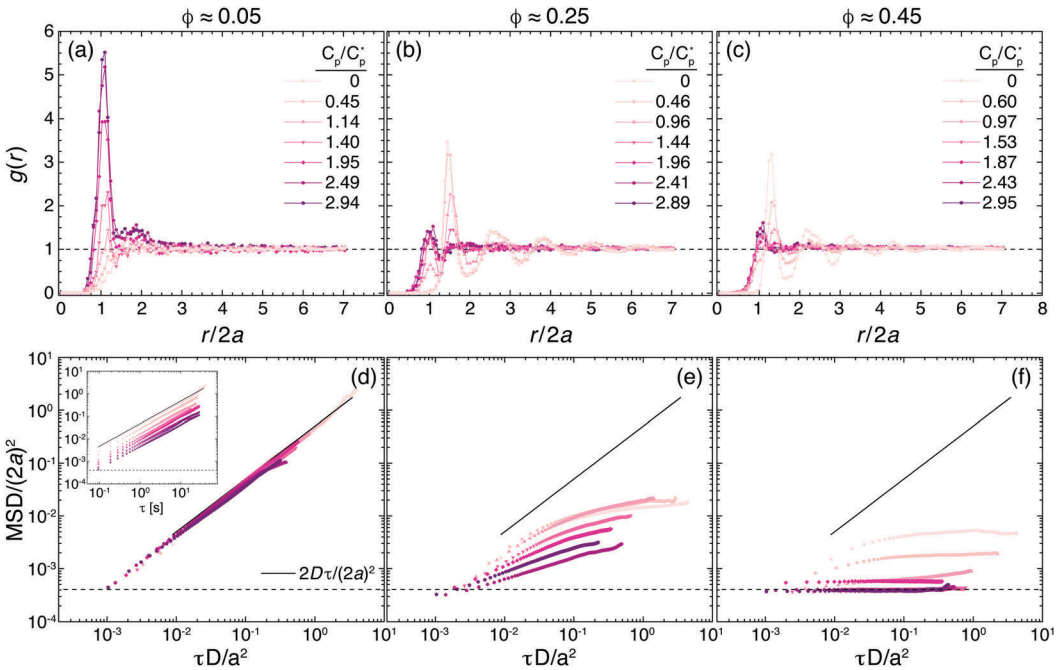


Fig. 3 (a–c) Radial distribution function $g(r)$ as a function of normalized radial distance $r/2a$ and (d–f) normalized mean squared displacement $\mathrm{MSD}/(2a)^2$ as a function of non-dimensionalized delay time $\tau D/a^2$, for PMMA suspensions with various concentrations of 328.9 kDa PS and particle volume fractions of (a and d) $\phi \approx 0.05$, (b and e) $\phi \approx 0.25$, or (c and f) $\phi \approx 0.45$. The dashed lines in (a–c) indicate the limiting value of $g(r)$ at large $r$. The inset in (d) shows $\mathrm{MSD}/(2a)^2$ as a function of delay time $\tau$ for suspensions with volume fraction of $\phi \approx 0.05$ without the viscosity correction. The dashed lines in (d–f) indicate the resolution of the measurement $\varepsilon^2/(2a)^2$.

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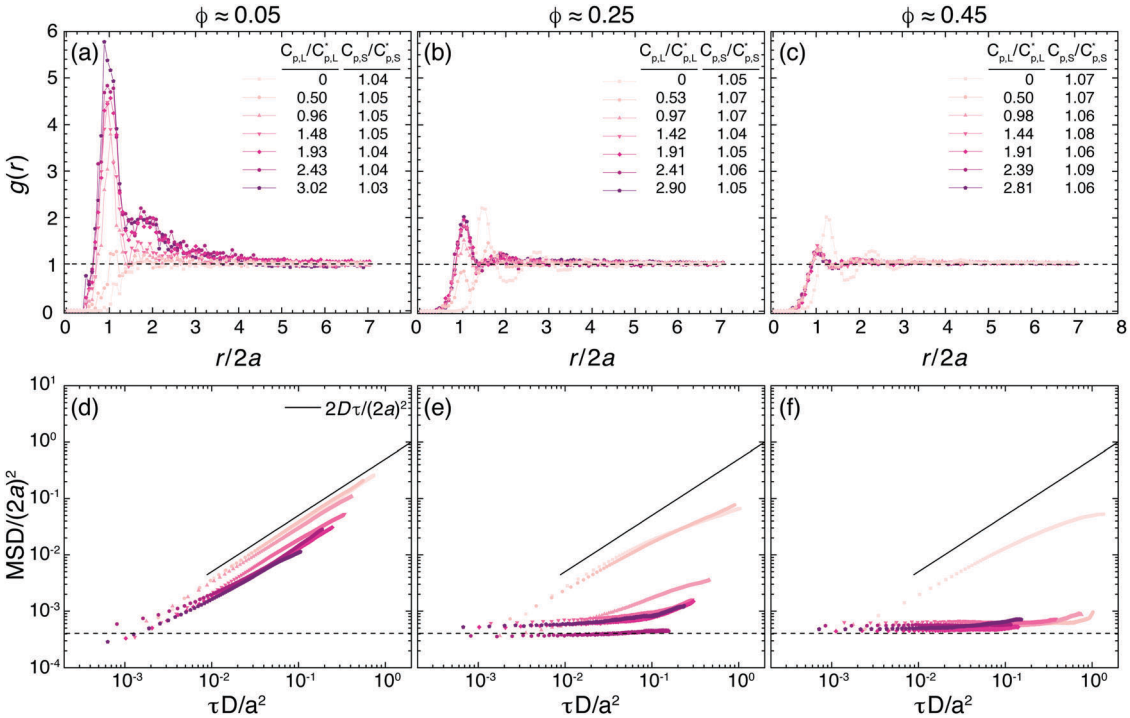


Fig. 4 (a–c) Radial distribution function $g(r)$ as a function of normalized radial distance $r/2a$ and (d–f) normalized mean squared displacement $\mathrm{MSD}/(2a)^2$ as a function of non-dimensionalized delay time $\tau D/a^2$, for PMMA suspensions with various concentrations of 328.9 kDa PS ($C_{p,L}/C_{p,L}$*) and fixed concentration of 6400 Da PS ($C_{p,S}/C_{p,S}$*). The particle volume fractions are (a and d) $\phi \approx 0.05$, (b and e) $\phi \approx 0.25$, or (c and f) $\phi \approx 0.45$. The dashed lines in (a–c) indicate the limiting value of $g(r)$ at large $r$; the dashed lines in (d–f) indicate the resolution of the tracking algorithm $\varepsilon^2/(2a)^2$.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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