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J. Opdam, D. Guu, M. P. M. Schelling, et al.

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J. Opdam,[1] D. Guu,[2] M. P. M. Schelling,[1] D. G. A. L. Aarts,[3,a)] R. Tuinier,[1,b)] and M. P. Lettinga[2,4,c)]

AFFILIATIONS

[1] Laboratory of Physical Chemistry, Department of Chemical Engineering and Chemistry, and Institute for Complex Molecular Systems (ICMS), Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, The Netherlands
[2] Institute of Complex Systems, Forschungszentrum Jülich, D-52425 Jülich, Germany
[3] Department of Chemistry, Physical and Theoretical Chemistry Laboratory, University of Oxford, South Parks Road, Oxford OX1 3QZ, United Kingdom
[4] Laboratory for Soft Matter and Biophysics, KU Leuven, Celestijnenlaan 200D, B-3001 Leuven, Belgium

[a)] **Electronic mail:** dirk.aarts@chem.ox.ac.uk
[b)] **Electronic mail:** r.tuinier@tue.nl
[c)] **Author to whom correspondence should be addressed:** p.lettinga@fz-juelich.de

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In this erratum, we show the correct version of Eq. (21) as follows:

$$\widetilde{\Pi}^{S} = \left(\phi_s + \frac{V_s}{V_r}\phi_r\right)\left[1 + \frac{\phi}{1-\phi} + \frac{A_{1,2}}{2}\frac{\phi}{(1-\phi)^2} + \frac{2B_{1,2}}{3}\frac{\phi^2}{(1-\phi)^3}\right]. \quad (1)$$

Furthermore, Eq. (22) should read as

$$a_1 = 6\frac{\phi_s}{\phi} + \left[\frac{6\gamma}{q(3\gamma-1)} + \frac{3(\gamma+1)}{q^2(3\gamma-1)}\right]\frac{\phi_r}{\phi}. \quad (2)$$

Equations (21) and (22) shown in Ref. 1 contained a typographical error, which results in a minor quantitative deviation of the obtained results when used. It is noted that all results shown and plotted in Ref. 1 were computed using the correct equations shown here.

REFERENCE

[1] J. Opdam, D. Guu, M. P. M. Schelling, D. G. A. L. Aarts, R. Tuinier, and M. P. Lettinga, J. Chem. Phys. **154**, 204906 (2021).