

Erratum: “Virial coefficients and demixing in the Asakura–Oosawa model” [J. Chem. Phys. 142, 014902 (2015)]

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While working on a related subject, we discovered an unfortunate transcription error in one of the diagrams contained in Eq. (2.20) of Ref. 1. We also noticed that two pairs of the (otherwise correct) diagrams contained in the earlier version might also be grouped because of topological equivalence. Taking this into account, the correct equation that should replace Eq. (2.20) in the paper reads as

$$\begin{aligned}
 E_{11112} = & -\frac{1}{30} \left(12 \text{ (pentagon)} + 12 \text{ (pentagon)} + 24 \text{ (pentagon)} + 24 \text{ (pentagon)} + 12 \text{ (pentagon)} + 24 \text{ (pentagon)} + 24 \text{ (pentagon)} + 24 \text{ (pentagon)} \right. \\
 & + 6 \text{ (pentagon)} + 12 \text{ (pentagon)} + 12 \text{ (pentagon)} + 6 \text{ (pentagon)} + 12 \text{ (pentagon)} + 12 \text{ (pentagon)} + 3 \text{ (pentagon)} + 12 \text{ (pentagon)} \\
 & \left. + 4 \text{ (pentagon)} + 6 \text{ (pentagon)} + \text{ (pentagon)} + 6 \text{ (pentagon)} + 4 \text{ (pentagon)} + 6 \text{ (pentagon)} + 4 \text{ (pentagon)} \right).
 \end{aligned}$$

It should be stressed that the transcription error mentioned above did not permeate into any of the numerical calculations reported in the paper and, therefore, neither the tables and figures nor the conclusions drawn from them are affected.

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