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Correction: Hierarchical self-assembly of colloidal magnetic particles into reconfigurable spherical structures

Daniel Morphew and Dwaipayan Chakrabarti *Correction for 'Hierarchical self-assembly of colloidal magnetic particles into reconfigurable spherical structures' by Daniel Morphew *et al.*, *Nanoscale*, 2015, **7**, 8343–8350.

The authors have noticed that the temperature (T) window in which the hollow spherical structure first formed upon gradually cooling a finite system of 8 trimers, as reported in Fig. 7 of ref. 1, was somewhat elevated compared to what has been found while revisiting the system in the context of their recent work reported in ref. 2 ($T \sim 0.11$). The authors have identified the source of this discrepancy to be an error in calling random numbers while proposing translation moves in three spatial directions in the Monte Carlo implementation used for producing Fig. 7 in ref. 1. This error resulted in the use of correlated random numbers. This figure should be replaced by the figure provided below. The main observation that the formation of the hollow spherical structure took place upon gradually cooling the system within a spherical container of varying size remains unchanged by this correction.

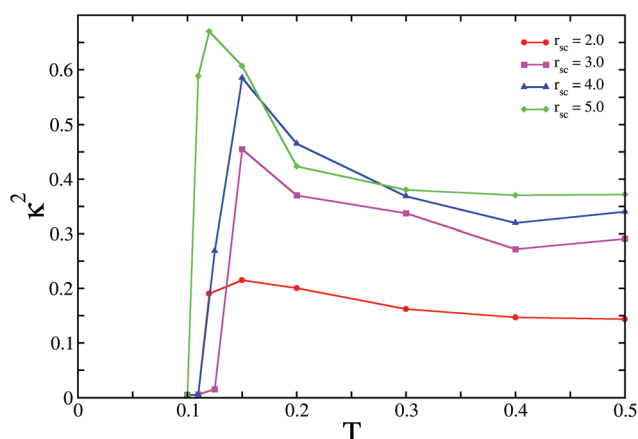


Fig. 7 Relative shape anisotropy as a function of effective temperature for the finite-sized cluster of 8 secondary building blocks for different values of the radius of the spherical container, r_{sc} .

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

References

- 1 D. Morphew and D. Chakrabarti, *Nanoscale*, 2015, **7**, 8343–8350.
- 2 D. Morphew and D. Chakrabarti, *Nanoscale*, 2018, **10**, 13875–13882.

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