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Correction: Shape-controlled anisotropy of superparamagnetic micro-/nanohelices

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Correction for 'Shape-controlled anisotropy of superparamagnetic micro-/nanohelices' by Alexander M. Leshansky *et al.*, *Nanoscale*, 2016, **8**, 14127–14138, <https://doi.org/10.1039/C6NR01803C>.

The authors regret that in Fig. 3 of the original manuscript, images B and C were interchanged without a corresponding update to the caption. Fig. 3B shows the normal helix, while Fig. 3C depicts the binormal helix. The figure and the updated caption are therefore as displayed herein.

Two sentences on page 14132 which reference Fig. 3 are also updated accordingly as below:

“This non-local intrafilament interaction is most pronounced for binormal helices (see Fig. 3C), where elongation of the filament cross-section contributes to preservation of the longitudinal orientation of the easy axis, so that $\Phi \lesssim 20^\circ$ for all values of θ ”.

“For normal helices the situation is the opposite – elongation of the filament cross-section along the normal vector (see Fig. 3B) contributes to transverse orientation of the easy axis and, therefore, the transition shifts to lower θ^* when compared to the regular helix”.

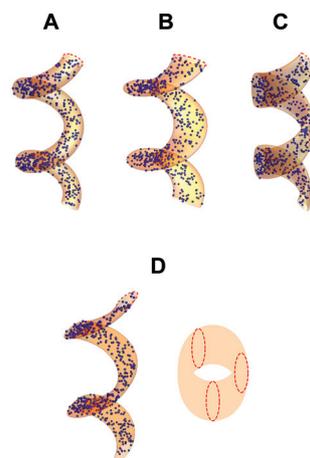


Fig. 3 Illustration of the regular (A), normal (B) binormal (C) and MPC (D) helical micropropellers with two full turns, $R/r = 1.25$, $\theta = 60^\circ$ and $N = 500$ magnetic inclusions. In B, C and D, the filament cross-section (red dashed lines) aspect ratio is set to 3; the right panel in D shows the horizontal projection/top view of the MPC helix, dashed lines show the elliptical filament cross section at different locations.

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

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