Author Correction: Molecular heterogeneity drives reconfigurable nematic liquid crystal drops

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Check for updates

Wei-Shao Wei, Yu Xia, Sophie Ettinger, Shu Yang & A. G. Yodh

In this Article, in the ‘Calculation of system free energy’ section of the Methods, there were omissions in equation (7). The equation should read:

“Or, if $K_{11} < K_{33}$,

$$F_f = \pi K_{11} \left[2 + \frac{k}{\sqrt{k-1}} \tan^{-1} \sqrt{k-1} - \frac{k}{\sqrt{k-1}} \tan^{-1} \left(\frac{\sqrt{k-1}}{\sigma} \right) - \frac{K_{24}}{K_{11}} \right] L + \gamma 2\pi r L$$

Or, if $K_{11} > K_{33}$,

$$F_f = \pi K_{11} \left[2 + \frac{k}{\sqrt{1-k}} \tanh^{-1} \sqrt{1-k} - \frac{k}{\sqrt{1-k}} \tanh^{-1} \left(\frac{\sqrt{1-k}}{\sigma} \right) - \frac{K_{24}}{K_{11}} \right] L + \gamma 2\pi r L \quad (7)''$$

instead of:

“Or, if $K_{11} < K_{33}$,

$$F_f = \pi K_{11} \left[2 + \frac{k}{\sqrt{k-1}} \tan^{-1} \sqrt{k-1} - \frac{k}{\sqrt{k-1}} \tan^{-1} \left(\frac{\sqrt{k-1}}{\sigma} \right) - \frac{K_{24}}{K_{11}} \right]$$

Or, if $K_{11} > K_{33}$:

$$F_f = \pi K_{11} \left[2 + \frac{k}{\sqrt{1-k}} \tanh^{-1} \sqrt{1-k} - \frac{k}{\sqrt{1-k}} \tanh^{-1} \left(\frac{\sqrt{1-k}}{\sigma} \right) - \frac{K_{24}}{K_{11}} \right] \quad (7)''$$

All calculations and conclusions presented in the Article were carried out using the correct equations and are unaffected by these changes. The original Article has been corrected online.