

Erratum: Possible Observation of Quadrupole Waves in Spin Nematics [Phys. Rev. Lett. **135**, 156704 (2025)]

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In the Letter, there was an error in the effective exchange anisotropy $\tilde{\Delta}$ after Eq. (3), which should read

$$\tilde{\Delta} \equiv -(1 + 4\Delta D/J)$$

instead of

$$\tilde{\Delta} \equiv -2(1 + 2\Delta D/J).$$

In the next paragraph, the critical fields estimated by SU(2) coherent states should be updated accordingly:

$$B_{c1}^{(\text{eff})} \approx 0.05 \rightarrow B_{c1}^{(\text{eff})} \approx 0.05,$$

$$B_{c2}^{(\text{eff})} \approx 1.86 \rightarrow B_{c2}^{(\text{eff})} \approx 1.76,$$

$$B_s^{(\text{eff})} \approx 1.95 \rightarrow B_s^{(\text{eff})} \approx 1.86.$$

Note that the value of $B_{c1}^{(\text{eff})}$ remains practically the same after the fix.

In the following paragraph and in the caption of Fig. 3, we should replace “($B = 1.87$ T)” with “($B = 1.78$ T).” The correction leads to only a slight change in the heat map intensity in Fig. 3(d), which is visually indistinguishable from the published figure.

Except for the updated numbers, this correction does not affect the conclusions of the paper.