

**Erratum: Magnetization dynamics, rheology, and an effective description
of ferromagnetic units in dilute suspension
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Some equations in Appendix B need to be corrected. Equation (B1) should be replaced by

$$\zeta_{\text{rot}} = 8\pi\eta_s a b^2 e_r. \quad (\text{B1})$$

Equations (B2) and (B5) are missing a factor r^2 on the right-hand side. Equation (B4) should be replaced by

$$e_r = 1 + \frac{1}{5}\epsilon + \frac{179}{350}\epsilon^2 + O(\epsilon^3) \quad \text{for } r = 1 + \epsilon. \quad (\text{B4})$$

With these changes, all further results apply.

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