Erratum to: Cooperative magnetophoresis of superparamagnetic colloids: theoretical aspects

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We have found a missing numerical factor in Eq.(9) which defines the energy scale U_0 . The correct definition, employed in all calculations reported in our paper [1], is:

$$U_0 = \frac{\mu_0}{4\pi} \frac{m^2}{(2R)^3} = \frac{1}{2} k_B T \left[\frac{\lambda_B^m}{2R} \right]^3 \quad (9)$$

Also there is an error in the page numbers of Ref. [2]. The correct page numbers are given below. We apologize for any inconvenience this may cause.

References

1. Faraudo J, Camacho J (2010) Cooperative magnetophoresis of superparamagnetic colloids: theoretical aspects. Colloid Polym Sci 288:207–215
2. Taboada E, Solanas R, Rodríguez E, Weissleder R, Roig A (2009) Supercritical-fluid-assisted one-pot synthesis of biocompatible core (γ -Fe₂O₃)/shell(SiO₂) nanoparticles as high relaxivity T₂-contrast agents for magnetic resonance imaging. Adv Func Mat 19:2319–2324

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00396-009-2107-z>.

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