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Correction: Conformation of bis-nitroxide polarizing agents by multi-frequency EPR spectroscopy

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We correct an error in eqn (4) in our published article. The correct expression for the dipolar coupling between two electron spins in the high-field limit is

$$\boldsymbol{D}^{\mathrm{PAS,D}} = -\frac{\mu_0}{4\pi\hbar}\frac{g_1 g_2 \mu_{\mathrm{B}}{}^2}{r_{12}{}^3}\begin{pmatrix} -1 & 0 & 0 \\ 0 & -1 & 0 \\ 0 & 0 & 2 \end{pmatrix} \quad (4)$$

Thus, a minus-sign was lacking previously. In our calculations the correct expression was used (the minus-sign was present) and, hence, our results and conclusions are unaltered.

We furthermore note that in eqn (1) the exchange interaction, J, was erroneously typeset in bold. Our assumption is that the exchange interaction is isotropic and can be represented by a scalar.

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

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