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## Correction: Nanoscale imaging of antiferromagnetic domains in epitaxial films of $\text{Cr}_2\text{O}_3$ via scanning diamond magnetic probe microscopy

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Correction for 'Nanoscale imaging of antiferromagnetic domains in epitaxial films of  $\text{Cr}_2\text{O}_3$  via scanning diamond magnetic probe microscopy' by Adam Erickson et al., *RSC Adv.*, 2023, 13, 178–185, <https://doi.org/10.1039/D2RA06440E>

The authors regret that there were errors that appear in the Results and discussion section. On line 47 in the right column on page 179, the text originally read " $H = DS_z^2 - \gamma_{\text{NV}}(S_x(B_{\text{Ax}} + B_x) + S_y(B_{\text{Ay}} + B_y) + S_z(B_{\text{Az}} + B_z))$ ". It should read " $H = DS_z^2 - \gamma_{\text{NV}}(S_x(B_{\text{Ax}} + B_x) + S_y(B_{\text{Ay}} + B_y) + S_z(B_{\text{Az}} + B_z))$ ". On line 7 in the left column on page 180 of the original article, the text originally read " $B_{\text{min}} \cong 4 \Gamma (33 \gamma_{\text{NV}} \times C)^{-1} (I_0 \times t)^{-1}$ ". It should read " $B_{\text{min}} \cong 4 \Gamma (3\sqrt{3} \gamma_{\text{NV}} \times C)^{-1} (I_0 \times t)^{-1/2}$ ". On line 23 in the left column on page 180 of the original article, the text originally read " $S = \text{Fl}(f1) - \text{Fl}(f2)/(\text{Fl}(f1) + \text{Fl}(f2))$ ". It should read " $S = (\text{Fl}(f1) - \text{Fl}(f2))/(\text{Fl}(f1) + \text{Fl}(f2))$ ".

The authors regret that there was an error in the text in the Author contributions section on line 24 in the right column on page 183 of the original article. The text originally read "ASQ". It should read "SQAS".

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

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