Erratum: Spin dynamics of the magnetocaloric compound MnFe$_4$Si$_3$

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In our paper, the conversion from reciprocal lattice units to Å$^{-1}$ was not properly performed for the hexagonal in-plane directions. Furthermore, the values of the spin-wave stiffness constants $D_{\langle h00 \rangle}$ and $D_{\langle hh0 \rangle}$ are recalculated more accurately by a simultaneous fit of the data. Taking into account these corrections, the new values should read:

Page 3, left column: $D_{\langle h00 \rangle} = 30(4)$ and $D_{\langle hh0 \rangle} = 46(4)$ meV Å$^2$.

Page 5, left column: $\kappa_{\langle h00 \rangle} = 0.16(1)$ Å$^{-1}$.

Page 5, right column: for the $\langle h00 \rangle$ direction: $A_{loc} = 24.6(5)$ meV Å$^{2.5}$, $A_{wi} = 0.80(22)$ meV Å, and $\kappa_{\langle h00 \rangle} = 0.16(3)$ Å$^{-1}$.

Page 6, left column: $\kappa^*_{\langle h00 \rangle} = 0.161(2)$ Å$^{-1}$.

Page 6, right column: $D_{\langle 00l \rangle}/D_{\langle h00 \rangle} = 10.3(1.7)$ and $(A_{loc}^{\langle 00l \rangle}/A_{loc}^{\langle h00 \rangle}) = 7.44(29)$.

Page 6, right column: for $\nu = 0.5$: $\kappa^0_{\langle h00 \rangle} = 0.86(5)$ Å$^{-1}$ and for $\nu = 0.7$: $\kappa^0_{\langle h00 \rangle} = 1.7(1)$ Å$^{-1}$.

Page 7, the values in Table III should read accordingly with the text, $D_{\langle h00 \rangle} = 30(4)$ meV Å$^2$ and $D_{\langle 00l \rangle}/D_{\langle h00 \rangle} = 10.3(1.7)$.

The corrected values are close to the previous ones, and these changes do not affect the conclusions of the paper.