Erratum: Spin dynamics of the magnetocaloric compound $MnFe_4Si_3$ [Phys. Rev. B 96, 104407 (2017)]

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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 $D_{(h00)}$ and $D_{(hh0)}$ 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: $D_{(h00)} = 30(4)$ and $D_{(hh0)} = 46(4)$ meV $Å^2$.

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

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

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

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

Page 6, right column: for $\nu = 0.5$: $\kappa_0^{(h00)} = 0.86(5)$ $Å^{-1}$ and for $\nu = 0.7$: $\kappa_0^{(h00)} = 1.7(1)$ $Å^{-1}$.

Page 6, right column: The calculation using T_C and $D_{(h00)}$ now leads to $\kappa_0^{(h00)} = 1.15(8)$ $Å^{-1}$.

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

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

