Erratum: Realization of the thermal equilibrium in inhomogeneous magnetic systems by the Landau-Lifshitz-Gilbert equation with stochastic noise, and its dynamical aspects
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We noticed typing errors in Eqs. (7), (A11), (A13), (15), and (16) in the original paper. Equations (7) and (A11) are replaced by

\[
\frac{\partial}{\partial t} P(M_1, \ldots, M_N, t) = \sum_i \frac{\gamma}{1 + \alpha_i^2} \frac{\partial}{\partial M_i} \left\{ \left[ \frac{\alpha_i}{M_i} M_i \times (M_i \times H_{\text{eff}}^i) - \gamma D_i M_i \times \left( M_i \times \frac{\partial}{\partial M_i} \right) \right] P(M_1, \ldots, M_N, t) \right\}
+ \sum_i \frac{\gamma}{1 + \alpha_i^2} \left( M_i \times H_{\text{eff}}^i \right) \cdot \frac{\partial}{\partial M_i} P(M_1, \ldots, M_N, t).
\]

Equation (A13) is replaced by

\[
\frac{\partial}{\partial t} P(M_1, \ldots, M_N, t) = \sum_i \frac{\gamma}{1 + \alpha_i^2} \frac{\partial}{\partial M_i} \left\{ \left[ \frac{\alpha_i}{M_i} M_i \times (M_i \times H_{\text{eff}}^i) - 2\gamma D_i M_i - \gamma D_i M_i \times \left( M_i \times \frac{\partial}{\partial M_i} \right) \right] \right\}
\times P(M_1, \ldots, M_N, t) + \sum_i \frac{\gamma}{1 + \alpha_i^2} \left( M_i \times H_{\text{eff}}^i \right) \cdot \frac{\partial}{\partial M_i} P(M_1, \ldots, M_N, t).
\]

Equations (15) and (16) are replaced by

\[
m_a = \sqrt{m_x^2 + m_y^2 + m_z^2},
\]
and

\[
m_x = \frac{1}{N} \sum_{i=1}^{N} S_i^x, \quad m_y = \frac{1}{N} \sum_{i=1}^{N} S_i^y, \quad m_z = \frac{1}{N} \sum_{i=1}^{N} S_i^z,
\]
respectively.

These corrections do not affect the other parts and the contents of the paper.