

Erratum: Phase diagram of an anisotropic frustrated ferromagnetic spin- $\frac{1}{2}$ chain in a magnetic field: A density matrix renormalization group study [Phys. Rev. B **80**, 144417 (2009)]

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In our paper, the magnetization curve for $J_1 = -3J_2$ and $\Delta = 1.1$ ($N=96$) shown in Fig. 3(a) is erroneous [the position of steps in $M(h)$ as well as the height of the steps at small M was incorrect]. Figure 3 of the original manuscript should be replaced with the Fig. 1 presented here. This error does not affect any of the conclusions of our work, which, in particular, applies to the phase diagrams shown in Fig. 10.

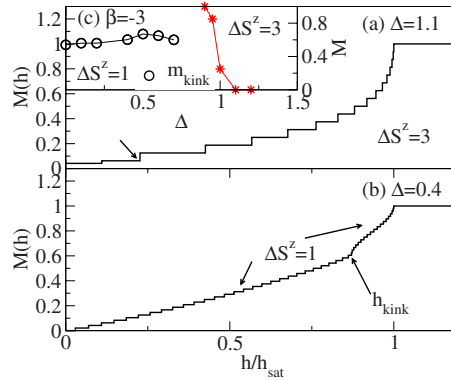


FIG. 1. (Color online) [(a) and (b)] Magnetization curves for $\beta = -3$ and (a) $\Delta = 1.1$ and (b) $\Delta = 0.4$. The arrow in (a) indicates the location where the magnetization starts to increase in steps of $\Delta S^z = 3$. (c) Phase boundaries in the M vs Δ plane, based on $M(h)$ for $J_1 = -3J_2$ (extrapolated in system size $N \rightarrow \infty$).

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