Erratum: Phonons, magnons, and lattice thermal transport in antiferromagnetic semiconductor MnTe [Phys. Rev. Materials 3, 025403 (2019)]

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One sentence in the caption of Table I is rephrased, and several references are modified. These modifications do not affect the results, discussions, or the conclusions of the paper.

(1) To avoid confusion, we rephrase “As defined, negative J_n indicates the antiferromagnetic coupling” in the caption of Table I to “As defined in Eq. (3), the presented J_n is the exchange interaction between *normalized spins*, and negative J_n indicates the antiferromagnetic coupling.”

(2) The description of local moments of previous work (on p. 4) should read: “Employing $U_{\text{eff}} = 4.8$ eV, the calculated local moment on Mn sites in the ground state is about $4.55\mu_B$, consistent with previous work: $4.76\mu_B$ [9], $4.66\mu_B$ [38], $4.27\mu_B$ [14], $4.52\mu_B$ [13].”

(3) The reference regarding magnetic susceptibility measurements (on p. 5) should read: “Magnetic susceptibility measurements [48] of α -MnTe give a Curie-Weiss temperature ...”

(4) The caption of Fig. 3(a) (on p. 5) should read: “Measured data are also shown for magnons at $T = 11$ K (blue circles) [9], an M -point magnon at $T = 300$ K (blue triangle), and phonons at $T = 300$ K (black circles) [49].”

The corresponding discussion on the same page should read: “Figure 3(a) gives the calculated spin-wave (magnon) dispersion for the antiferromagnetic state of α -MnTe compared with measured dispersion data at $T = 11$ K [9] and a single data point at $T = 300$ K [49]. Also given are the calculated and measured [49] phonon dispersions.”

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