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## Erratum: Magnetic behavior and Coulomb-lattice-gas ordering of Mn<sup>2+</sup> and Sn<sup>4+</sup> ions in K<sub>2</sub>MnSnS<sub>4</sub> [Phys. Rev. B 55, 11056 (1997)]

Guy D. Albertelli, J. A. Cowen, C. N. Hoff, T. A. Kaplan, S. D. Mahanti, J. H. Liao, and M. G. Kanatzidis (Received 4 February 2009; published 26 February 2009)

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We report correction of two errors in the theory of Sec. IV A, which do not change the main conclusion. (i) The expression (2) for the susceptibility of n spin-5/2 particles is missing the van Vleck function  $\omega(S)$  = [number of states with total spin quantum number S]/(2S+1), for the case n=3. (ii) The statement that the sum over S is from 5/2 to 5n/2 for n odd is incorrect for n > 1; for the relevant case n=3, the sum is from 1/2 to 15/2. The missing  $\omega(S)$  has a negligible effect, but the effect of the incorrect summation is non-negligible. Using the corrected expression for  $\chi(T)_n$ , we readjusted the weights  $a_1$ = $a_3$  and  $a_2$  to 0.028 and 0.944, respectively (from 0.0155 and 0.969), thereby achieving a fit to the experimental data of similar high quality. Thus the main conclusion of this aspect of the paper, namely that the susceptibility is dominated by the case n=2 (2 Mn ions in a tetrameric cluster), remains valid.

Also, in the expression for  $a_i$  in the random case, the factor 4/i is a misprint; the binomial coefficient  $\binom{4}{i}$  was intended.