

Erratum: Magnetism of the antiferromagnetic spin- $\frac{3}{2}$ dimer compound CrVMoO₇ having an antiferromagnetically ordered state [Phys. Rev. B **95, 144429 (2017)]**

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 (Received 26 September 2018; published 10 October 2018)

DOI: [10.1103/PhysRevB.98.139901](https://doi.org/10.1103/PhysRevB.98.139901)

The previously reported ordered moment vector is one-fourth of the correct one. This Erratum was caused by the mistake in the scale factor. The correct ordered moment vector is $[0.10(5), 2.41(4), -1.42(6)]\mu_B$. Its magnitude is $2.92(7)\mu_B$. The ellipse in the previous Fig. 7 indicates the second-shortest Cr-Cr pair (not the shortest pair). In the present Fig. 7, the shortest, second-shortest, and third-shortest Cr-Cr pairs are indicated by solid red, dotted green, and dashed blue lines, respectively. The exchange interaction is ferromagnetic in the shortest Cr-Cr pair (3.01 Å). Probably, the dominant antiferromagnetic interaction exists in the second-shortest pair (4.97 Å) or in the third-shortest pair (5.24 Å).

The authors thank V. Y. Pomjakushin for pointing out our errors.

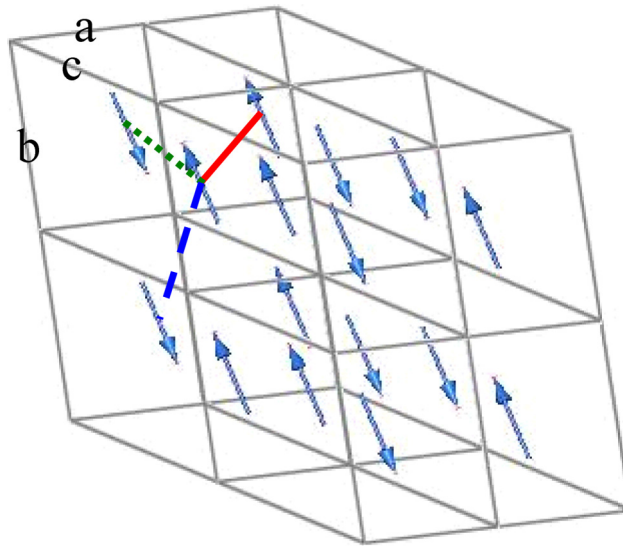


FIG. 7. The magnetic structure of CrVMoO₇. Solid red, dotted green, and dashed blue lines connecting two arrows indicate the shortest, second-shortest, and third-shortest Cr-Cr pairs, respectively.