


**Erratum: Phase diagram and spin waves in the frustrated ferro-antiferromagnet SrZnVO(PO<sub>4</sub>)<sub>2</sub>**  
**[Phys. Rev. B 104, 224435 (2021)]**F. Landolt , Z. Yan, S. Gvasaliya, A. Zheludev, K. Beauvois, E. Ressouche, and J. Xu

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The last sentence of Sec. IV A on p. 6 is erroneous. In actuality the “classically expected” saturation field in Pb<sub>2</sub>VO(PO<sub>4</sub>)<sub>2</sub> calculated from the exchange constants as obtained in a spin-wave theory analysis of the zero-field inelastic neutron data is significantly larger than the actual saturation field  $\mu_0 H_{\text{sat}} \sim 21$  T. The former is given by  $\mu_0 H_{\text{sat}} = (2S)/(g\mu_B)[J_{1,1} + J_{1,2} + 2(J_{2,1} + J_{2,2})]$ . With the effective values of the exchange constants determined in the zero field [1] this yields  $\mu_0 H_{\text{sat}} = 28.6$  T, which is about 40% larger. The mistake does not affect any conclusion of the original paper that primarily deals with SrZnVO(PO<sub>4</sub>)<sub>2</sub> rather than Pb<sub>2</sub>VO(PO<sub>4</sub>)<sub>2</sub>.

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[1] S. Bettler, F. Landolt, O. M. Aksoy, Z. Yan, S. Gvasaliya, Y. Qiu, E. Ressouche, K. Beauvois, S. Raymond, A. N. Ponomaryov, S. A. Zvyagin, and A. Zheludev,

Magnetic structure and spin waves in the frustrated ferro-antiferromagnet Pb<sub>2</sub>VO(PO<sub>4</sub>)<sub>2</sub>, [Phys. Rev. B \*\*99\*\*, 184437 \(2019\)](https://doi.org/10.1103/PhysRevB.99.184437).