

Magnetic properties

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First Principles and Experimental Studies of the Structural and Magnetic Ground State of the Ternary Compound MnFe₃N. — Ab initio DFT calculations, XRD, Moessbauer spectroscopy, and magnetization measurements reveal a ferrimagnetic ground state of MnFe₃N in the space group P4/mmm. — (GIL REBAZA, A. V.; NAVARRO, A. M. M.; MARTINEZ, J.; PELTZER Y BLANCA, E. L.; J. Alloys Compd. 683 (2016) 32-37, <http://dx.doi.org/10.1016/j.jallcom.2016.05.031> ; Dep. Fis. Quim., Fac. Cienc. Exactas, Univ. Nac. La Plata, 1900 La Plata, Argent.; Eng.) — W. Pewestorf