

Erratum: *Ab initio* study of charge order in Fe_3O_4 [Phys. Rev. B **68, 054415 (2003)]**

Z. Szotek, W. M. Temmerman, A. Svane, L. Petit, G. M. Stocks, and H. Winter
(Received 11 September 2009; published 8 October 2009)

DOI: [10.1103/PhysRevB.80.149902](https://doi.org/10.1103/PhysRevB.80.149902)

PACS number(s): 75.10.Lp, 75.50.Bb, 99.10.Cd

The published arrangement of the respective panels in Figs. 1 and 2 of our paper is incorrect and thus incompatible with the corresponding figure captions. The correct figures and captions should be as follows.

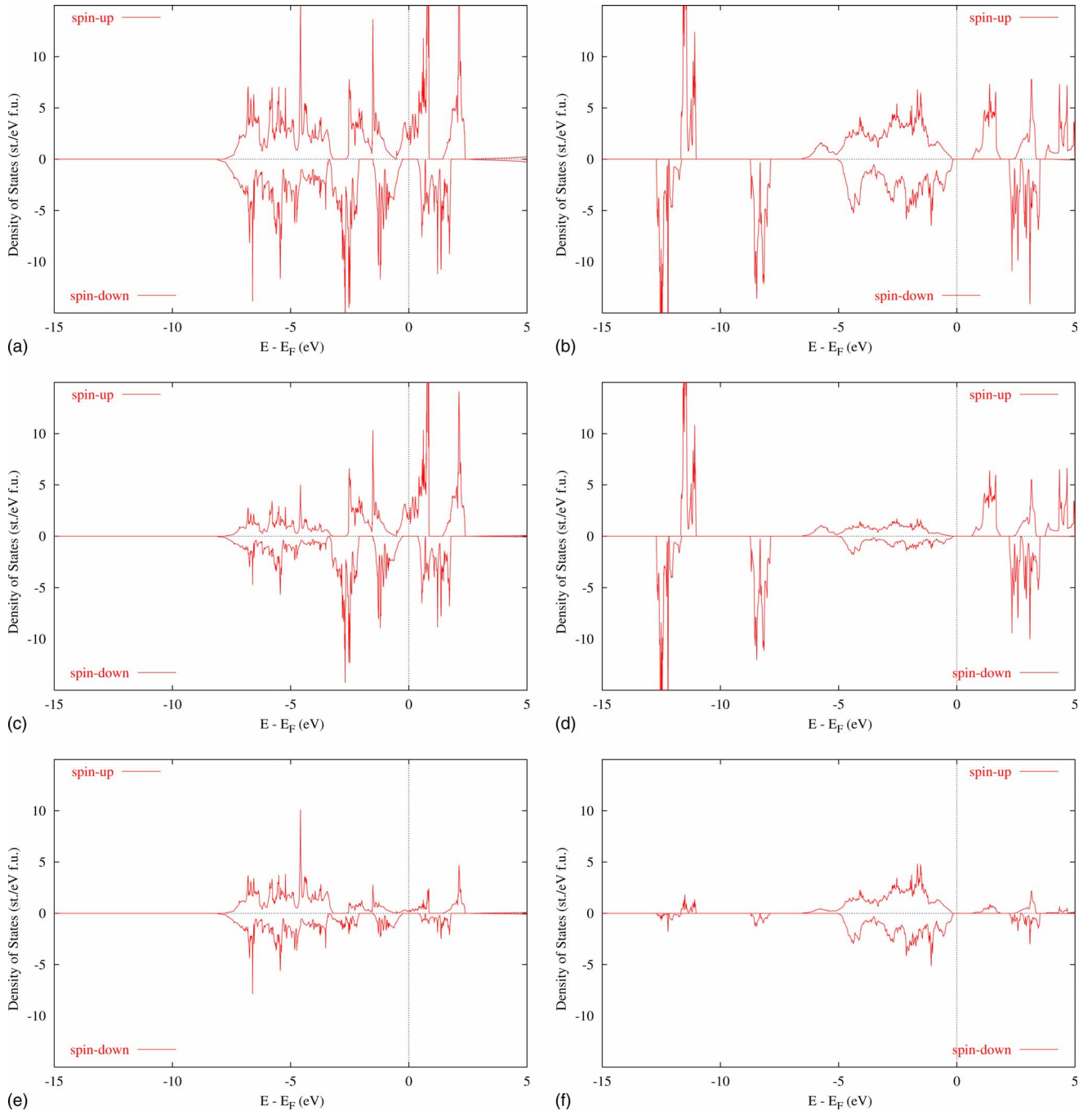


FIG. 1. (Color online) Spin-polarized total (top row), Fe (middle row) and O (bottom row) partial densities of states from the LSD calculation (left column) in comparison with the SIC-LSD (right column) counterparts for the Verwey charge ordered phase in the inverse spinel structure. The partial DOS for empty spheres are of no significance and therefore have not been shown.

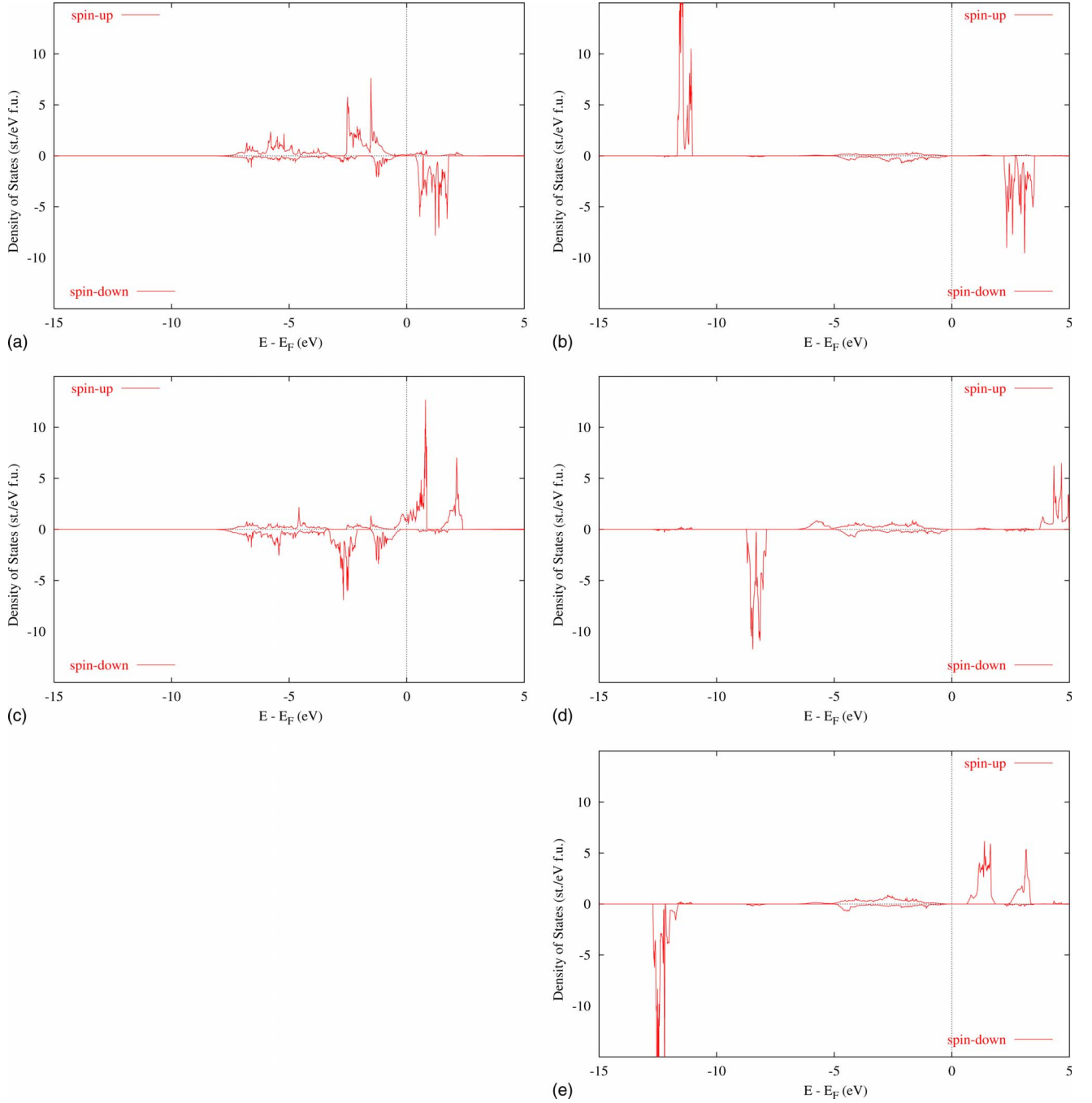


FIG. 2. (Color online) Spin-polarized partial densities of states for the A (top row) and B1 (middle row) Fe sites in the LSD calculation (left column) [note that in the LSD there is only one type of octahedral sites ($B1 \equiv B2 \equiv B$)] in comparison to the respective A (top row), B1 (middle row) and B2 (bottom row) Fe sites from the SIC-LSD calculation (right column) in the Verwey charge ordered phase.