Erratum: Iron porphyrin molecules on Cu(001): Influence of adlayers and ligands on the magnetic properties [Phys. Rev. B **87**, 174425 (2013)]

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We detected a misprint in the legend of Fig. 8 of our paper. The notations of the xy and x^2-y^2 states are interchanged. Correctly, the fully occupied states marked by the full red lines in Fig. 8 are the xy states, whereas the x^2-y^2 states (indicated by blue dashed lines) are mostly unoccupied, as is stated in the text. The corrected version of the figure is shown below. The discussion and conclusions of the paper are not affected by this misprint.

FIG. 8. Calculated density of states of Fe d orbitals in FeP/Cu(001). Arrows denote the spin-up and spin-down configuration, respectively. The Fe atom is adsorbed on the hollow site position with N on top of Cu [(a) and (c)]. In (b) and (d), the molecule is rotated 45° . The results obtained from calculations with (without) van der Waals forces in the approximation of Grimme [1] are given in the top row (bottom row). Differently colored lines denote different d orbitals, as indicated in the legend in (a).

[1] S. Grimme, *J. Comput. Chem.* **27**, 1787 (2006).