**Erratum: Self-Organized Growth, Structure, and Magnetism of
Monatomic Transition-Metal Oxide Chains
[Phys. Rev. Lett. 117, 046101 (2016)]**

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(Received 5 February 2018; published 21 February 2018)

DOI: [10.1103/PhysRevLett.120.089901](https://doi.org/10.1103/PhysRevLett.120.089901)

In the Letter, we predicted the magnetic ground states of transition-metal oxide chains grown on Ir(100) from density-functional-theory calculations. Upon reinspection of the resulting values, we discovered that, for two of the discussed systems, we had mistaken the sign of the weak interaction energies across the chains. Contrary to the claim in the Letter, the coupling between CoO₂ chains is predicted to be antiferromagnetic, while that between FeO₂ chains is ferromagnetic. The coupling between MnO₂ chains was correctly given as antiferromagnetic. The absolute values of the calculated energies are correct, as are the coupling natures and energies along the chains. Thus, the corresponding sentence on the third page of the Letter should read as follows: “The magnetic coupling energy per M atom across the chains was calculated in a 6×2 cell and found to be ferromagnetic for Fe (9 meV), and antiferromagnetic for Co (4 meV) and Mn (0.4 meV).” The conclusions of the Letter remain unaffected.