Erratum: Z_2 characterization for three-dimensional multiband Hubbard models [Phys. Rev. Research 2, 013299 (2020)]

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(Received 3 May 2021; published 18 May 2021)

DOI: 10.1103/PhysRevResearch.3.029004

We have found the following error in our paper. The exact diagonalization solver for the impurity problem within the dynamical mean-field theory was not provided the full information about the potential. This affects Figs. 4 and 6 in the paper. We show the correct result in Fig. 1. We observe that the critical value of the interaction strength for the magnetic phase transition, i.e., the gray region, is shifted to higher values. We also note that the transitions between the topological phases remain unchanged. We have also performed calculations for Fig. 6 of the paper presented in Fig. 2. It turns out that Fig. 6 of the paper is essentially unchanged.

We thank I. Titvinidze for useful communications.

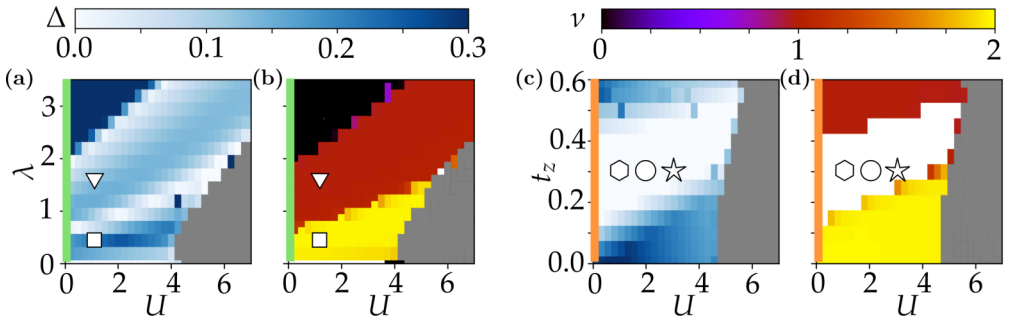

FIG. 1. Corrected Fig. 4 of the original paper.

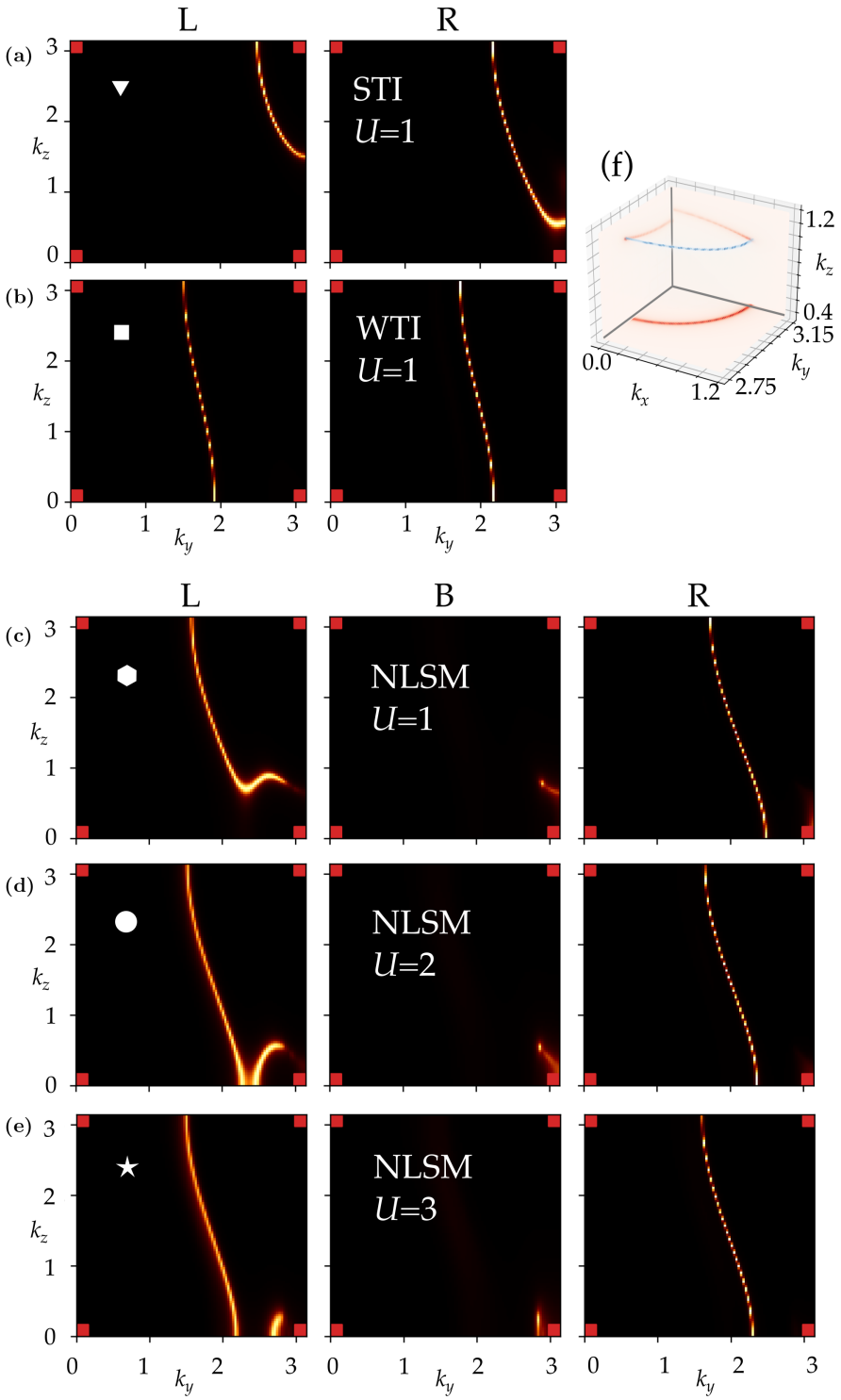

FIG. 2. Corrected Fig. 6 of the original paper.