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CORRIGENDUM

Corrigendum to "Enhanced thermoelectric properties of the topological phase of monolayer HfC"

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Figure 3(d) in the paper [*Chin. Phys. B* **34** 057301 (2025)] contained typos in the *ZT* values. Figure A4 contained typo in the label. The correct figures are provided. This modification does not affect the result presented in the paper.

Keywords: corrigendum, anomalous Seebeck effect, hafnium carbide, thermoelectric, Z_2 topological insulator

PACS: 99.10.–x, 73.50.Lw, 31.15.A–

DOI: 10.1088/1674-1056/ae0c7b **CSTR:** 32038.14.CPB.ae0c7b

In the paper,[1] the *ZT* values on the right panel of Fig. 3(d) were incorrect due to typos. The correct figure is present below.

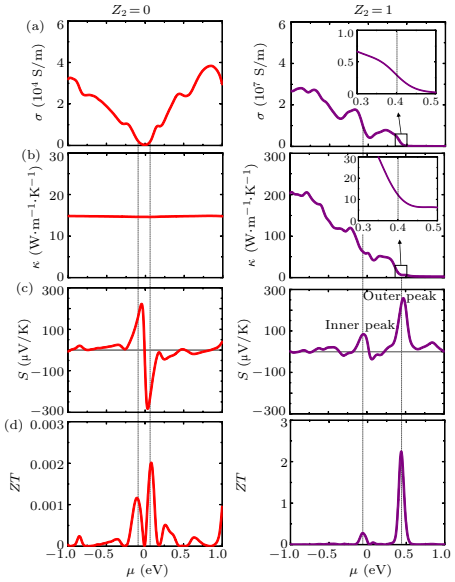


Fig. 3. TE properties of HfC nanoribbons. Chemical potential dependence of (a) electrical conductivity σ, (b) total thermal conductivity κ, (c) Seebeck coefficient S, and (d) dimensionless figure of merit ZT of both topological trivial phase (left) and non-trivial phase (right). Ribbon width and temperature were set as 35 cells and 300 K, respectively.

The label of Fig. A4 should be $E-E_0$ instead of $E-E_F$. The correct figure is present below.

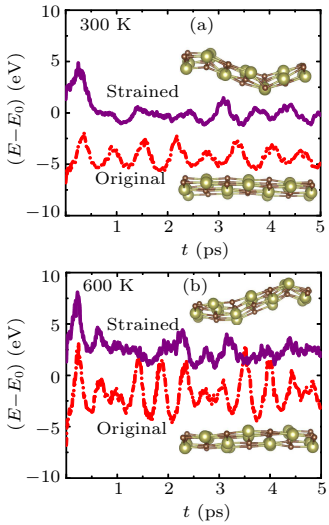


Fig. A4. The energy evolution during AIMD: (a) under the temperature of 300 K and (b) under the temperature of 600 K, with $E_0 = -595$ eV.

References

[1] Mu W, Muhammad N, Dong B, Hung N T, Guo H, Saito R, Gong W, Yang T and Zhang Z 2025 *Chin. Phys. B* **34** 057301

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