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Correction: Electric field induced band tuning, optical and thermoelectric responses in tetragonal germanene: a theoretical approach

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Correction for 'Electric field induced band tuning, optical and thermoelectric responses in tetragonal germanene: a theoretical approach' by Supriya Ghosal *et al.*, *Phys. Chem. Chem. Phys.*, 2020, **22**, 19957–19968, DOI: 10.1039/D0CP03892J.

On page 19965, in Table 5, there is a typo in the electrical conductivity value given for T-Ge. The corrected value should read $3.16 \times 10^{19} \Omega^{-1} \text{ m}^{-1} \text{ s}^{-1}$. The amended Table 5 is shown below.

Table 5 Comparison of thermoelectric properties of various 2D materials like graphene, silicene, germanene, MoS₂ and 3D material like Bi₂Te₃

Structure (ref.)	S ($\mu\text{V K}^{-1}$)	σ/τ ($\Omega^{-1} \text{ m}^{-1} \text{ s}^{-1}$)	$S^2 \sigma/\tau$ ($\text{W m}^{-1} \text{ K}^{-2} \text{ s}^{-1}$)	ZT
Graphene ⁵⁶	31	3.30×10^{18}	0.03×10^{11}	0.08
Silicene ⁵⁷	—	—	—	0.36 ^a
Germanene ⁵⁷	—	—	—	0.41 ^a
T-Ge [this work]	57	3.16×10^{19}	0.44×10^{11}	0.10 ^a
MoS ₂ ^{58,59}	550	$\sim 12.50 \times 10^{18}$	4.20×10^{11}	0.70
Bi ₂ Te ₃ ⁶⁰	323	4.75×10^{18}	4.95×10^{11}	~ 0.40

^a Indicates electronic figure of merit ZT_e .

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

