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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, MoS<sub>2</sub> and 3D material like Bi<sub>2</sub>Te<sub>3</sub>

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

<sup>a</sup> Indicates electronic figure of merit  $ZT_e$ .

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

