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## Correction: In-depth first-principle study on novel MoS<sub>2</sub> polymorphs

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Correction for 'In-depth first-principle study on novel MoS<sub>2</sub> polymorphs' by Håkon Eidsvåg *et al.*, *RSC Adv.*, 2021, **11**, 3759–3769, DOI: 10.1039/D0RA10443D.

The authors regret that there was an error in the sentences from line 24 in the right column on page 3759 to line 3 in the left column on page 3760 of the original article. The text originally read, “Early research suggests that bulk MoS<sub>2</sub> could metallize under pressure as they found that the bandgap shrinks due to a negative pressure coefficient of resistivity,  $dE_G/dP < 0$ .<sup>16</sup> Unfortunately, the structural transition is unknown, and it requires further research.” These sentences should read, “For example, if the pressure is above 25 to 35 GPa it will cause a structural transition from 2H<sub>c</sub>-MoS<sub>2</sub> to 2H<sub>a</sub>-MoS<sub>2</sub> as the MoS<sub>2</sub> layers will slide in a process similar to superlubric sliding.<sup>16</sup> This will also result in band overlap metallization in both structures.<sup>16</sup>”

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

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