



Correction: Magnon-drag thermopower in antiferromagnets *versus* ferromagnets

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Correction for 'Magnon-drag thermopower in antiferromagnets *versus* ferromagnets' by Md. Mobarak Hossain Polash *et al.*, *J. Mater. Chem. C*, 2020, **8**, 4049–4057, DOI: 10.1039/C9TC06330G.

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The authors regret that in the published manuscript it was stated that CrSb is an AFM semiconductor. Here, they wish to clarify that CrSb is an AFM intermetallic. The discussions in the paper do not depend on the semiconductor or metallic nature of the materials. Therefore, the fact that CrSb is intermetallic does not affect the results or any of the discussions and analyses.

All the known good thermoelectric semiconductors are degenerately doped with metallic conductivity like CrSb and MnSb, discussed as case studies in this paper. The authors compared the magnon-drag thermopower in MnSb (FM) and CrSb (AFM). Both materials are intermetallic with electrical conductivities in the range of 8000–10 000 S cm⁻¹, and the only primary difference between them is that one is FM and the other AFM.

The following mentions in the paper must be corrected (page numbers refer to the article PDF version):

- Page 4050, Table 1: “AFM semiconductor” should be replaced by “AFM intermetallic”
- Page 4050, column 1, line 9, the paragraph under Table 1: “CrSb is an AFM semiconductor” should be replaced by “CrSb is an AFM intermetallic”
- Page 4052, column 1, line 5, the paragraph below “Thermoelectric transport properties”: “CrSb is an AFM semiconductor” should be replaced by “CrSb is an AFM intermetallic”

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

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