Erratum: Structural Principles and Amorphouslike Thermal Conductivity of Na-Doped Si Clathrates [Phys. Rev. Lett. 85, 114 (2000)]

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In this Letter, we reported the thermal conductivity (κ) of Na_8Si_{46}. Inadvertently, we had not corrected the data for the coefficient of contact thermal conductivity [1]. When this is accounted for, the thermal conductivity is higher than reported in the Letter. Correct results are shown in Fig. 1. These results agree well with recent steady-state measurements for a pressed pellet of Na_8Si_{46} [2].

The main conclusions of the Letter concerning structural principles of this clathrate remain the same, and the thermal conductivity is still amorphouslike (much smaller than for crystalline Si, and with a different temperature dependence).

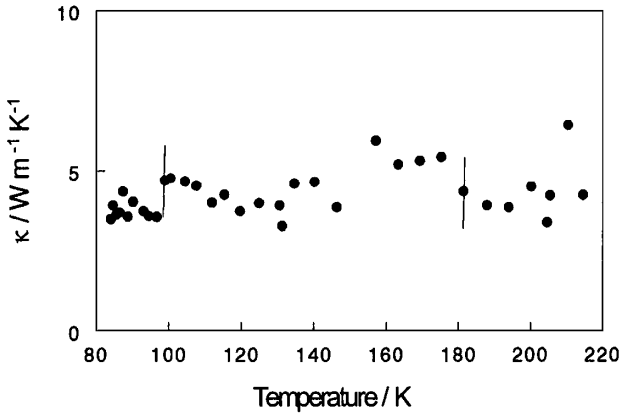

FIG. 1. Thermal conductivity for Na_8S_{46}. The error bars indicate typical experimental uncertainty.

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[1] V. V. Murashov and M. A. White, J. Mater. Sci. **35**, 649 (2000).
[2] G. S. Nolas, J.-M. Ward, J. Gryko, L. Qiu, and M. A. White (to be published).

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