Erratum: Quantitatively analyzing phonon spectral contribution of thermal conductivity based on nonequilibrium molecular dynamics simulations. II. From time Fourier transform [Phys. Rev. B **92, 195205 (2015)]**

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To help the readers more clearly understand the difference between the original paper and previous works, we would like to clarify that Eqs. (2)–(6) summarizing the derivation of the spectral decomposition of the heat current were originally derived in Ref. [1]. In Ref. [2], these equations were extended to calculate the spectral decomposition of thermal conductivity in carbon nanotubes. It is unfortunate that Ref. [2] only appeared in the Abstract of the original paper and not in the reference section too. Additionally, we point out that in order to unify the terminology in the first [3] and second parts of the original paper of our series papers, we refer to the spectral decomposition of the thermal conductivity method [2] as the frequency-domain direct decomposed method in our article.

[1] K. Sääskilahti, J. Oksanen, J. Tulkki, and S. Volz, *Phys. Rev. B* **90**, 134312 (2014).

[2] K. Sääskilahti, J. Oksanen, S. Volz, and J. Tulkki, *Phys. Rev. B* **91**, 115426 (2015).

[3] Y. Zhou, X. Zhang, and M. Hu, *Phys. Rev. B* **92**, 195204 (2015).