

## Erratum: Linear response theory for thermal conductivity and viscosity in terms of boundary fluctuations [Phys. Rev. E **71**, 061201 (2005)]

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A number of typos appeared in this paper resulting in incorrect signs and incorrect order of limits in some equations. These errors do not affect either the numerical results presented or any of the conclusions.

The corrected equations, using the numbering of the original paper, are as follows:

$$\chi = \lim_{t \rightarrow \infty} \lim_{F_{\text{ext}} \rightarrow 0} \frac{\langle A(t) \rangle}{F_{\text{ext}}} = - \frac{V}{k_B T} \int_0^\infty dt \langle A(t) A(0) \rangle_{\text{EQ}}, \quad (10)$$

$$\lambda = - \lim_{t \rightarrow \infty} \lim_{\Delta T \rightarrow 0} \frac{J_q}{2\Delta T/L} = - \lim_{t \rightarrow \infty} \lim_{\Delta T \rightarrow 0} \frac{T_0 J}{2\Delta T/L} = \frac{9Vk_B}{4} \int_0^\infty dt \left\langle \frac{\Delta\alpha(t)}{S} \frac{\Delta\alpha(0)}{S} \right\rangle, \quad (11)$$

$$\frac{1}{\lambda} = - \lim_{t \rightarrow \infty} \lim_{\alpha \rightarrow 0} \frac{1}{T_0} \frac{\Delta T/L}{J_q/T_0} = \frac{V}{k_B T_0^2} \int_0^\infty dt \left\langle \frac{\Delta T(t)}{L} \frac{\Delta T(0)}{L} \right\rangle, \quad (14)$$

$$\frac{1}{\lambda'} = \frac{V}{k_B T_0^2} \int_0^\infty dt \left\langle \frac{\Delta T'(t)}{L'} \frac{\Delta T(0)}{L} \right\rangle, \quad (15)$$

$$\frac{1}{\eta} = \frac{V}{k_B T} \int_0^\infty dt \left\langle \frac{\Delta v_{x\text{CM}}(t)}{L} \frac{\Delta v_{x\text{CM}}(0)}{L} \right\rangle, \quad (17)$$

$$\frac{1}{\eta'} = \frac{V}{k_B T} \int_0^\infty dt \left\langle \frac{\Delta v'_{x\text{CM}}(t)}{L'} \frac{\Delta v_{x\text{CM}}(0)}{L} \right\rangle, \quad (18)$$

$$\eta = \frac{V}{k_B T} \int_0^\infty dt \left\langle \frac{\Delta F(t)}{2S} \frac{\Delta F(0)}{2S} \right\rangle. \quad (19)$$