ADDITIONS AND CORRECTIONS

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Adrian W. Lange, Mary A. Rohrdanz, and John M. Herbert*: Charge-Transfer Excited States in a π-Stacked Adenine Dimer, As Predicted Using Long-Range-Corrected Time-Dependent Density Functional Theory

Pages 6304−6308. In our recent Letter concerning long-range-corrected (LRC) time-dependent density functional theory (TD-DFT), we erroneously stated that the TD-LRC-DFT method reduces to time-dependent Hartree−Fock theory in the limit that the range separation parameter, μ, tends to infinity. In fact, the $\mu \rightarrow \infty$ limit corresponds to an exchange−correlation functional of the form $E_{xc} = E_c + E_x^{HF}$, where E_c is the DFT correlation energy and E_x^{HF} is the Hartree−Fock exchange energy. In other words, between $\mu = 0$ and ∞, the TD-LRC-DFT method interpolates between some standard exchange−correlation functional ($\mu = 0$) and a new functional, in which all local exchange has been completely replaced by nonlocal Hartree−Fock exchange ($\mu = \infty$). The data, and thus the conclusions reached in our Letter, are unaffected by this error.

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