Erratum: Designed interaction potentials via inverse methods for self-assembly
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The phonon spectra shown in Figs. 6 and 17 of this paper contained some minor errors that do not affect the conclusions in any way. The figures below should be considered their replacements. There is also a typo in the caption of Fig. 11: 'Eq. (7)' should be replaced with 'Eq. (5).'
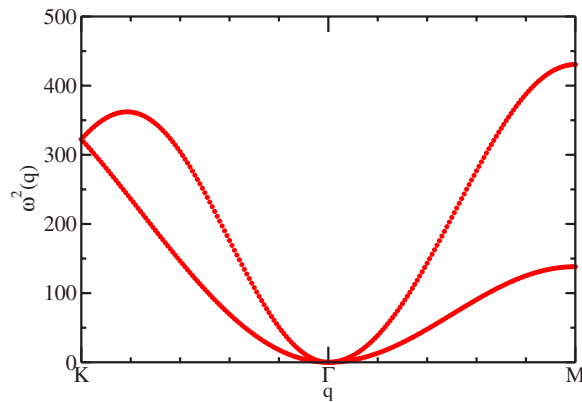

FIG. 6. (Color online) Phonon spectrum (frequency squared) for triangular lattice for the Lennard-Jones potential at $\alpha = \sqrt{3}/2$. As expected, the phonon frequencies are all real, which means that the triangular lattice is mechanically stable for this value of α.
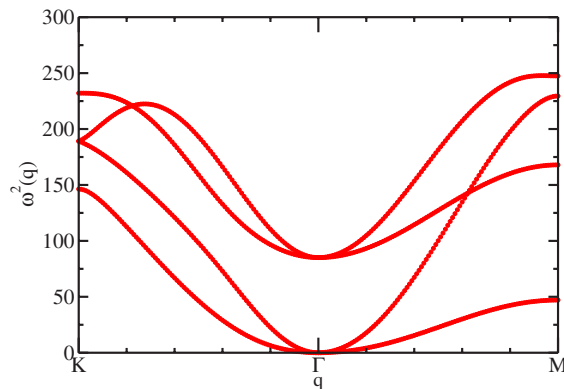

FIG. 17. (Color online) Phonon spectrum (frequency squared) for the optimized honeycomb-lattice potential V_{HON}, as specified by Eq. (10), at $\alpha = 1.45$. Clearly the honeycomb lattice is mechanically stable.