Erratum: Designed interaction potentials via inverse methods for self-assembly
[Phys. Rev. E 73, 011406 (2006)]

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(Received 9 November 2006; published 12 January 2007)

DOI: 10.1103/PhysRevE.75.019902 PACS number(s): 82.70.Dd, 81.16.Dn, 99.10.Cd

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 $\alpha$.

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