# Errata

## Erratum: Quasiharmonic and molecular-dynamics study of the martensitic transformation in Ni-Al alloys [Phys. Rev. B 48, 99 (1993)]

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The phonon frequencies for pure Al and Ni reported in Table I are wrong. The correct values are reported below. The error originated from a misprint in the paper of M. S. Daw and R. D. Hatcher [Solid State Commun. **56**, 697 (1985)] in Eq. (4) for the phonon frequencies in reciprocal space. (The formula is corrected in a reference note of the paper of S. M. Foiles and J. B. Adams [Phys. Rev. B **40**, 5909 (1989)].) For this reason we also stated incorrectly that the potential of Ref. 29 gives phonon frequencies much higher than the experimental values. We apologize to the authors of Ref. 29.

The quasiharmonic computation for the alloys was performed with the correct dynamical matrix, and our potential provides a good description of the alloy properties. The results and conclusions of the paper are, therefore, unchanged.

TABLE I. Experimental values of structural and vibrational properties of fcc Al and Ni used in the fit of the parameters of the potential. The values obtained by the calculation with the optimal potentials are also reported.

| | Al | | Ni | |
|---|---|---|---|---|
| | Expt. | Our comp. | Expt. | Our comp. |
| | 5.73 | 4.41 | 6.26 | 6.36 |
| $k=\frac{2\pi}{a}$ [1,0,0] | 5.73 | 4.41 | 6.26 | 6.36 |
| | 9.55 | 6.47 | 8.70 | 9.39 |
| | 4.81 | 2.84 | 4.35 | 4.06 |
| $k=\frac{2\pi}{a}$ [0.5,0.5,0] | 6.51 | 4.54 | 6.17 | 6.58 |
| | 8.24 | 5.44 | 7.65 | 7.88 |
| | 4.31 | 2.84 | 4.26 | 4.06 |
| $k=\frac{2\pi}{a}$ [0.5,0.5,0.5] | 4.31 | 2.84 | 4.26 | 4.06 |
| | 9.60 | 6.41 | 8.70 | 9.29 |

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## Erratum: Suppression of localization in Kronig-Penney models with correlated disorder [Phys. Rev. B 49, 147 (1994)]

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It has been drawn to our attention that there is an error in Eq. (17b) of the above-mentioned paper. The numerator in the rhs of Eq. (17b) should be $\lambda'$, and consequently Eq. (17b) reads

$$|\cos q_r| \leq \frac{\lambda'}{|\lambda-\lambda'|} .$$

The range of values mentioned in the sentence immediately following should be modified accordingly:

"Without loss of generality, we restrict ourselves to the range $\lambda \leq 2\lambda'$. Thus Eq. (17b) is trivially verified, and therefore it poses no constraints on the allowed energy values, aside from the fact that they must be positive."

This erratum does not affect any of our results at all, as our numerical calculations were always done in the range $0 \leq \lambda \leq 2\lambda'$, in accordance with the previous remark.

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