Errata

Erratum: Morphological instability of a terrace edge during step-flow growth [Phys. Rev. B 41, 5500 (1990)]

G. S. Bales and A. Zangwill

Equation (18) is incorrect. The correct expression is

$$f(k)=\frac{\Gamma\Omega D_s\Lambda_k\{2[\cosh(\Lambda_k l)-1]+\Lambda_k(d_+ +d_-)\sinh(\Lambda_k l)\}}{\Lambda_k(d_+ +d_-)\cosh(\Lambda_k l)+(d_+ d_- \Lambda_k^2+1)\sinh(\Lambda_k l)} .$$

The equations that follow Eq. (18) are correct and all the conclusions of the paper remain valid. We thank Dr. Chaouqi Misbah and Dr. Wouter-Jan Rappel for bringing this error to our attention.

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Erratum: Electronic structure of C_{60} within the tight-binding approximation [Phys. Rev. B 44, 10 991 (1991)]

Efstratios Manousakis

The calculation of the energy spectrum of the dimerized C_{60} molecule has a numerical error. Figure 4 of the paper is incorrect; the corrected results for the dimerized molecule are given in Fig. 1 below. As a consequence the discussion of the fourth paragraph from the end of the above paper, which refers to Fig. 4, is also incorrect. To obtain the results presented in Fig. 1, we took $t_\pi^{(2)}/t_\pi^{(1)}=1.1$ as in the original paper and the results are given in units of $t_\pi^{(1)}$. The main conclusion is that the degeneracies of the valence and conduction states are not lifted by the dimerization. Only the ninefold degeneracy of one of the levels is lifted.

Everything else in the paper (which does not refer to the dimerized molecule), namely, Figs. 1–3, Tables I and II, as well as the conclusions drawn from the rest of the calculation, is correct.

The author would like to thank B. L. Johnson, C. Barnes, and G. Kirczenow for bringing this error to his attention.

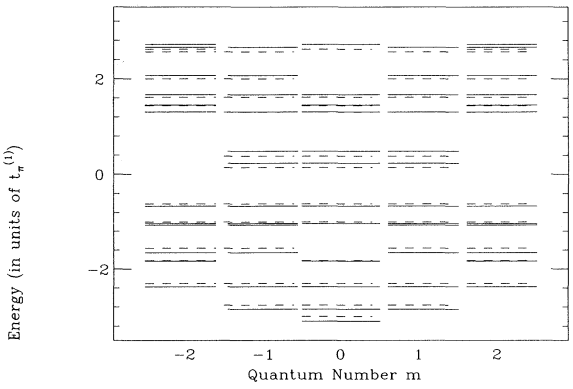

FIG. 1. The energy levels of the dimerized (different bond lengths) molecule (solid lines) are compared with those of the undimerized molecule (dashed lines).

