Errata

Erratum: Nonlocal pseudopotential calculations for the electronic structure of eleven diamond and zinc-blende semiconductors [Phys. Rev. B 14, 556 (1976)]

James R. Chelikowsky and Marvin L. Cohen

The prefactor in Eq. (10) for the $K = K'$ case which reads

$1/2R^2$

should read

$\frac{1}{2}R^3$.

The band structure for InSb shown in Fig. 8 is incorrect although the eigenvalues reported in Table IX are correct as shown. The correct figure is given below.

This calculation was done by Mr. M. S. Hybertsen to whom we express our gratitude. We would also like to thank Mr. J. Menéndez and Dr. K. Horn for bringing the discrepancy between Fig. 8 and Table IX for InSb to our attention.

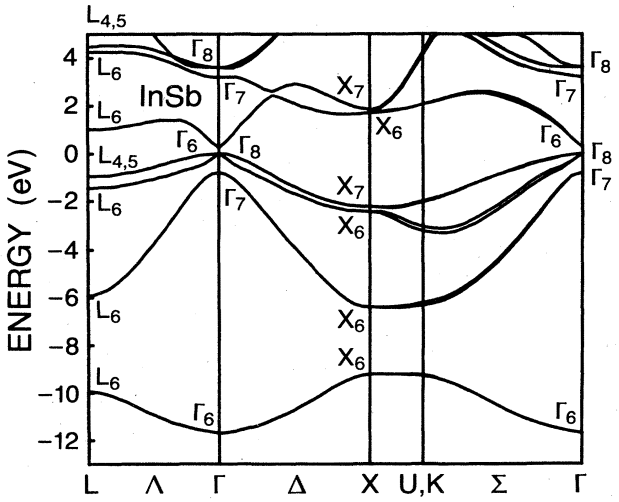

FIG. 1. Band structure for InSb.

Erratum: Self-consistent electronic structure of surfaces: Surface states and surface resonances on W(001) [Phys. Rev. B 21, 5601 (1980)]

M. Posternak, H. Krakauer, A. J. Freeman, and D. D. Koelling

The low-temperature value of the tungsten bulk lattice parameter is 5.973 a.u. [N. E. Christensen and B. Feuerbacher, Phys. Rev. B **10**, 2349 (1974)]. In our calculation, we used by mistake the value of 5.793 a.u. Our conclusions, however, are insensitive to this 3% difference, as confirmed by the following:

(i) The same slab geometry, with a 6% surface layer contraction does not bring any significant difference in the surface electronic structure [M. Posternak, H. Krakauer, and A. J. Freeman, Phys. Rev. B **25**, 755 (1982)].

(ii) Subsequent calculations by Ohnishi *et al.* [Phys. Rev. B **29**, 5267 (1984)] and Mattheiss and Hamann [Phys. Rev. B **29**, 5372 (1984)] give results in good agreement with ours; in particular, spectral properties and work function are insensitive to this lattice parameter difference.