
Errata

Erratum: Soliton excitations in polyacetylene
[Phys. Rev. B 22, 2099 (1980)]

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Equations (3.5b), (3.7), and (3.13) of the above paper should be corrected as follows:

$$c_{ks}^c = \frac{-i}{\sqrt{N}} \sum_n e^{ikn} (-1)^n c_{ns} \quad , \quad (3.5b)$$

$$a_{ks}^v = \alpha_k c_{ks}^v - \beta_k c_{ks}^c \quad , \quad (3.7a)$$

$$a_{ks}^c = \alpha_k^* c_{ks}^c + \beta_k^* c_{ks}^v \quad , \quad (3.7b)$$

$$\psi_k^v = \left[\frac{1}{2} \left(1 + \frac{\epsilon_k}{E_k} \right) \right]^{1/2} \chi_k^v - i \operatorname{sgn} k \left[\frac{1}{2} \left(1 - \frac{\epsilon_k}{E_k} \right) \right]^{1/2} \chi_k^c \quad , \quad (3.13a)$$

$$\psi_k^c = \left[\frac{1}{2} \left(1 + \frac{\epsilon_k}{E_k} \right) \right]^{1/2} \chi_k^c - i \operatorname{sgn} k \left[\frac{1}{2} \left(1 - \frac{\epsilon_k}{E_k} \right) \right]^{1/2} \chi_k^v \quad . \quad (3.13b)$$

The remainder of the paper remains unchanged.

Erratum: Covalent effects in the effective-medium theory of chemical binding:
Hydrogen heats of solution in the 3d metals
[Phys. Rev. B 26, 2875 (1982)]

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In Eqs. (3.4) and (3.5) $\Delta_d \Delta_a$ should be replaced by $(2\sqrt{5})^2 \Delta_d \Delta_a$.

The unit in the third row of Table I should be $\text{eV}^2 a_0^6$ rather than eV^2 .