
Errata

**Erratum: Scattering of neutral particles by an exponential corrugated potential:
A solution for high corrugation amplitude
[Phys. Rev. B 25, 6195 (1982)]**

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**Erratum: Photoinduced soliton pair production in polyacetylene: An instanton approach
[Phys. Rev. B 26, 3513 (1982)]**

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In the text of the paper the soliton creation energy was chosen to correspond to a pair of neutral solitons. However, it has recently been pointed out¹ that the branching ratio for the production of neutral solitons is zero. The soliton creation energy should be corrected accordingly. Also, the experimental data in Fig. 3 were obtained from an unpublished version of an article subsequently published² without these data (not from Ref. 11). The data which were published do not extend over as many decades of photoconductivity; fits to these data are not as satisfactory but do not lead us to doubt the essential validity of our model.

¹R. Ball, W. P. Su, and J. R. Schrieffer, J. Phys. (Paris) (in press).

²S. Etemad, T. Mitani, M. Ozaki, T. C. Chung, A. J.

Heeger, and A. G. MacDiarmid, Solid State Commun. 40, 75 (1982).