
Errata

Erratum: Large low-energy oscillator strength for Ce 4*f* electrons in the solid state [Phys. Rev. B 44, 8526 (1991)]

Kwang Joo Kim, Bruce N. Harmon, David W. Lynch, and Dale D. Koelling

Several errors have been discovered in both the measured and calculated optical spectra. They are discussed in a paper¹ in this issue.

¹Joo Yull Rhee, B. N. Harmon, and D. W. Lynch, this issue, Phys. Rev. B 50, 5693 (1994).

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Erratum: Relativistic band gaps in one-dimensional disordered systems [Phys. Rev. B 47, 6942 (1993)]

G. J. Clerk and B. H. J. McKellar

In Sec. III we commented on a paper by Roy and Basu¹ in which conditions for the existence of nonrelativistic band gaps in a one-dimensional disordered array of δ -function potentials possessing short-range order were developed. By defining the deviation parameter d so that the spacing between adjacent δ -function potentials lies in the range $(l, l + d)$, Roy and Basu showed that band gaps exist only if d is bounded above, the exception being that the lowest band gap exists for all finite d , however large, for *repulsive potentials*.

In deriving the analogous relativistic results in our paper, as well as in a previous paper,² we were able to show that in the nonrelativistic limit of our relativistic results such behavior is also exhibited by attractive potentials, although this anomalous behavior is removed by relativistic effects.

Following the publication of Ref. 2, Roy and Basu³ reexamined their nonrelativistic calculations and concluded that the absence of an upper bound on d for the existence of energy gaps was a property of *both* attractive and repulsive potentials.

We apologize to Roy and Basu for failing to mention their work and thank them for bringing this omission to our attention.

¹C. L. Roy and C. Basu, Phys. Lett. A 148, 107 (1990).

(1991).

²G. J. Clerk and B. H. J. McKellar, Phys. Lett. A 158, 261

³C. L. Roy and C. Basu, Phys. Lett. A 164, 362 (1992).