## Erratum: Effective Medium Approximation for Strongly Nonlinear Media<sup>1</sup>

Leora Sali<sup>2, 3</sup> and David J. Bergman<sup>2</sup>

Received June 27, 1997

In Table III, the values of  $f(\infty)$ , f(0), b, a quoted from Ref. [15] should not have been compared with our results, because they were calculated for a 2D composite medium. The relevant values for a 3D medium were calculated in H. C. Lee, W. H. Siu, and K. W. Yu, *Phys. Rev. B* 52:4217 (1995) [henceforth denoted by LSY], using the same method as Ref. [15]. Those values, adjusted for the slightly different definition of the function f(x) and some of the related constants, are reproduced here, along with our unchanged values, in the corrected version of Table III.

Table III. Numerical Calculations of the Coefficients Compared to Results of Variational Calculations for  $\beta=2$ 

| Calculated coefficient | Our value | LSY value |
|------------------------|-----------|-----------|
| $f(\infty)$            | -1.6308   | -0.885    |
| f(0)                   | 10.6104   | 3         |
| <b>b</b>               | 4.1810    | 1.971     |
| а                      | 7.8149    | 1.949     |
| $p_c$                  | 0.1333    | 0.228     |

<sup>&</sup>lt;sup>1</sup> This paper originally appeared in J. Stat. Phys. 86:455 (1997).

<sup>&</sup>lt;sup>2</sup> School of Physics and Astronomy, Raymond and Beverly Sackler Faculty of Exact Sciences, Tel Aviv University, Tel Aviv 69978, Israel; e-mail: bergman@post.tau.ac.il.

<sup>&</sup>lt;sup>3</sup> Present address: 11 Kaplan St., Yehud 56251, Israel.

1106 Erratum

The conclusions which followed from the original version of Table III remain unchanged.

## **ACKNOWLEDGMENT**

We would like to thank K. W. Yu for bringing to our attention the error that had been made.