

can never be reached under renormalization-group recursion relation interactions. This was shown to be the case in a simple situation [A. Aharony, Y. Imry, and S. Ma, Phys. Rev. B 13, 466 (1976)], but has not been proved generally. Physical arguments [T. C. Lubensky, Phys. Rev. B 11, 3573 (1975)] strongly indicate that this is generally true.

³M. E. Fisher and D. R. Nelson, Phys. Rev. Lett. 32, 1350 (1974).

⁴D. R. Nelson, J. M. Kosterlitz, and M. E. Fisher, Phys. Rev. Lett. 33, 813 (1974), and Phys. Rev. B 13, 412 (1976).

⁵A. Aharony and A. D. Bruce, Phys. Rev. Lett. 33, 427 (1974).

⁶A. D. Bruce and A. Aharony, Phys. Rev. B 11, 478 (1975); A. Aharony and A. D. Bruce, in *Magnetism and Magnetic Materials—1974*, AIP Conference Proceedings No. 24, edited by C. D. Graham, Jr., J. J. Rhyne, and G. H. Lander (American Institute of Physics, New York, 1975), p. 296.

⁷E. Riedel and F. J. Wegner, Z. Phys. 225, 195 (1969).

⁸M. E. Fisher and P. Pfeuty, Phys. Rev. B 6, 1889 (1972).

⁹F. J. Wegner, Phys. Rev. B 6, 1891 (1972).

¹⁰P. A. Lindgård, Phys. Rev. B 14, 4074 (1976).

¹¹F. J. Wegner, Solid State Commun. 12, 785 (1973).

¹²L. Bevaart, J. Lebesque, E. Frikkee, and L. J. de Jongh, in Proceedings of the International Conference on Magnetism, Amsterdam, The Netherlands, September, 1976 (unpublished).

¹³M. E. Fisher, Phys. Rev. Lett. 34, 1634 (1975), and

in *Magnetism and Magnetic Materials—1974*, AIP Conference Proceedings No. 24, edited by C. D. Graham, Jr., J. J. Rhyne, and G. H. Lander (American Institute of Physics, New York, 1975), p. 273.

¹⁴V. J. Emery, Phys. Rev. B 11, 239 (1975).

¹⁵S. F. Edwards, in *Proceedings of the Fourth International Conference on Amorphous Materials*, edited by R. W. Douglas and B. Ellis (Wiley, New York, 1970), p. 279.

¹⁶G. Grinstein and A. H. Luther, Phys. Rev. B 13, 1329 (1976).

¹⁷Lubensky, Ref. 2.

¹⁸D. E. Khmel'nitzkii, Zh. Eksp. Teor. Fiz. 68, 1960 (1975) [Sov. Phys. JETP 41, 981 (1976)]; see also A. Aharony, Phys. Rev. B 13, 2092 (1976).

¹⁹A. Aharony, Phys. Rev. B 12, 1038 (1975).

²⁰It should be noted that there exist very specialized models, in which the $n \rightarrow 0$ trick yields correct results only if *all* the terms in \mathcal{H}_1 (although "irrelevant") must be summed over [D. C. Mattis, Phys. Lett. 56A, 421 (1976); A. Aharony and Y. Imry, to be published]. These are very special cases, and we shall not consider them here. They do not apply to the Gaussian case, when (2) is exact.

²¹A. Aharony, in *Phase Transitions and Critical Phenomena*, edited by C. Domb and M. S. Green (Academic, New York, 1976), Vol. VI, and Bull. Am. Phys. Soc. 20, 15 (1975).

²²A detailed description of these results, and various extensions, will be reported elsewhere.

²³J. Chen and T. C. Lubensky, to be published.

ERRATUM

INELASTIC COLLISION INDUCED BY INTENSE OPTICAL RADIATION. D. B. Lidow, R. W. Falcone, J. F. Young, and S. E. Harris [Phys. Rev. Lett. 36, 462 (1976)].

Further investigations have indicated that the results reported in this Letter do not demonstrate a laser-induced inelastic collision. The experiment was not able to distinguish between a Sr $4d^3D - 5p^3F$ transition at 6408.5 Å and the Sr-Ca transfer predicted at 6408.6 Å.

We have subsequently performed two new exper-

iments in Sr-Ca which do not have such a wavelength coincidence [See S. E. Harris, R. W. Falcone, W. R. Green, D. B. Lidow, J. C. White, and J. F. Young, in *Tunable Lasers and Applications*, edited by A. Mooradian, T. Jaeger, and P. Stokseth (Springer, New York, 1976), p. 193, and R. W. Falcone, W. R. Green, J. C. White, J. F. Young, and S. E. Harris, "Observation of Laser Induced Inelastic Collisions" (to be published).] In both cases a laser-induced collision was observed, and the transfer cross section maximized at the expected interatomic wavelength.