

Bibliography

- [1] P. W. Anderson, *Phys. Rev.* **109**, 1492 (1958)
- [2] N. F. Mott and W.D. Twose, *Adv. Phys.* **10**, 107, (1961).
- [3] N. F. Mott, *Adv. Phys.* **16**, 49, (1967)
- [4] N. F. Mott, *Phil. Mag. B* **44**, 265 (1981).
- [5] "Electronic Properties of Doped Semiconductors" by B. I. Shklovskii and A. L. Efros, Springer-Verlag (1984).
- [6] G. Bush and H. Labhart, *Helv. Phys. Acta.* **14**, 463 (1946).
- [7] C. S. Hung and J. R. Gliessman, *Phys. Rev.* **96**, 1226 (1954).
- [8] H. Fritzsche and M. Cuevas, *Phys. Rev.* **119**, 1 238 (1960).
- [9] C. Yamanouchi, *J. Phys. Soc. Japan* **20**, 1029 (1965).
- [10] H. Nishimura, *Phys. Rev.* **138**, 815 (1965).
- [11] D. Lemoine, C. Pelletier, S. Rolland and R. Granger, *Phys. Lett* **A56**, 497 (1976).
- [12] H. Fritzsche and M. Cuevas, *Phys. Rev.* **119**, 1238 (1960).
- [13] N. F. Mott, *J. Non Crystalline Solids* **1**, 1 (1968).
- [14] N. F. Mott, *Phil. Mag.* **19**, 835 (1969).

- [15] N. F. Mott, *Festkörperprobleme* **9** 22 (1969).
- [16] A. L. Efros and B. I. Shklovskii, in 'Electron - Electron Interactions in Disordered Systems' eds, A. L. Efros and M. Pollak (North Holland, Amsterdam, 1985), p. 409.
- [17] A. L. Efros and B. I. Shklovskii, *J. Phys. C: Solid State Phys.* **8**, L49 (1975).
- [18] I. Shlimark, M. Kaveh, M. Yosefin, M. J. Lea and P. Fozooni, *Phys. Rev. Lett.* **68**, 3076 (1992).
- [19] I. Shlimak, M. Kaveh, R. Ussyshkin, V. Ginodman, S. D. Baronovskii, P. Thomas, H. Vaupel and R. W. van der Heijden, *Phys. Rev. Lett.* **75**, 4764 (1995).
- [20] Y. Sahoo and A. K. Rastogi, *Journal of Phys. Cond. Matter* **5**, 5953 (1993).
- [21] Y. Zhang, O. Dai, M. Levy and M. P. Sarachik, *Phys. Rev. Lett.* **64**, 2687 (1991).
- [22] R. Rosenbaum, *Phys. Rev. B* **44**, 3599 (1991).
- [23] S. J. Lee, J. B. Ketterson and N. Trivedi, *Phys. Rev. B* **46**, 12 695 (1992).
- [24] U. Kabasawa, Y. Tarutani, M. Okamoto, T. Fukazawa, A. Tsukamoto, M. Hiratani and K. Takagi, *Phys. Rev. Lett.* **70**, 1700 (1993)
- [25] J. G. Massey and Mark Lee, *Phys. Rev. Lett.* **75**, 4266 (1995).
- [26] J. G. Massey and Mark Lee, *Phys. Rev. B* **62**, R13 270 (2000).
- [27] A. Miller and E. Abrahams, *Phys. Rev.* **120**, 745 (1960).
- [28] V. Ambegaokar, B. I. Halperin and J. S. Langer, *Phys. Rev. B* **4**, 2612 (1971).
- [29] B. L. Shklovskii and A. L. Efros, *Zh. Eksper. Teor. Fiz.* **60**, 867, (1971) [*Sov. Phys. JETP* **33**, 468, (1971)].

- [30] M. Pollak, *J. Non Crystalline Solids* **11**, 1 (1972).
- [31] S. R. Broadbent and J. M. Hammersley, *Percolation Processes, I : Crystals and mazes*, *Proc. of Cambridge Phil. Soc.* **53**, 629 (1957).
- [32] J. H. Ziman, *J. Phys. C: Solid State Phys.* **1**, 1533 (1968).
- [33] M. Pollak, 'Discussions of the Faraday Society ' **50**, 13 (1970)
- [34] M. Pollak, *Proc. Roy. Soc. (London) A* **325**, 383 (1971).
- [35] M. Pollak, *Phil. Mag.* **23**, 519 (1971).
- [36] G. Srinivasan, *Phys. Rev. B* **4**, 2581 (1971).
- [37] A. L. Efros, *J. Phys. C: Solid State Phys.* **9**, 2021 (1976).
- [38] M. L. Knotek and M. Pollak, *Phys. Rev. B* **9**, 664 (1973)
- [39] M. Pollak and M. L. Knotek, *Journal of Non-Crystalline solids*, **32**, 141 (1979).
- [40] J. H. Davies, P. A. Lee and T. M. Rice, *Phys. Rev. Lett.* **49**, 758 (1982).
- [41] J. H. Davies, P. A. Lee and T. M. Rice, *Phys. Rev. B* **29**, 4260 (1984).
- [42] S. D. Baronovskii, A. L. Efros, B. L. Gel'mont and B. I. Shklovskii, *J. Phys. C: Solid State Phys.* **12**, 1023 (1979).
- [43] *Spin Glasses* by K. H. Fischer and J. A. Hertz, Cambridge University Press (1991).
- [44] S. F. Edwards and P. W. Anderson, *J. Phys. F* **5**, 965 (1975).
- [45] K. Tenelsen and M. Schreiber, *Phys. Rev. B* **49**, 12 662 (1994)
- [46] E. R. Grannan and C. C. Yu, *Phys. Rev. Lett.* **71**, 3335 (1993).
- [47] M. Mochena and M. Pollak, *J. Non Crystalline Solids* **131-133**, 1260 (1991).

- [48] M. Mochena and M. Pollak, *Phys. Rev. Lett.* **67**, 109 (1991).
- [49] Y. Imry and S. K. Ma, *Phys. Lett.* **35**, 1399 (1975).
- [50] A. Beretti, *J. Stat. Phys.* **38**, 483 (1985).
- [51] T. H. Vojta, *J. Phys. A: Math. Gen.* **26**, 2883 (1993).
- [52] T. Schneider and E. Pytte, *Phys. Rev. B* **15**, 1519 (1977).
- [53] M. Grünewald, B. Pohlmann, L. Schweitzer, and D. Würz, *J. Phys. C* **15**, L1153 (1982).
- [54] D. Sherrington and S. Kirkpatrick, *Phys. Rev. Lett.* **35**, 1792 (1975).
- [55] S. Kirkpatrick and D. Sherrington, *Phys. Rev B* **17**, 4384 (1978).
- [56] J. R. L. de Almeida and D. J. Thouless, *J. Phys. A* **11**, 983 (1978).
- [57] M. V. Feigelman and A. M. Tselik, *Zh Eksp Teor Fiz* **77**, 2524 (1979) [*Sov. Phys. JETP* **50**, 1222].
- [58] A. Khurana and J. A. Hertz, *J. Phys. C* **13**, 2715 (1980).
- [59] D. J. Thouless, P. W. Anderson and R. G. Palmer, *Phil. Mag.* **35**, 593 (1977).
- [60] H. A. Bethe, *Proc. R. Soc. A* **150**, 552 (1935).
- [61] R. G. palmer and C. M. Pond, *J. Phys. F* **9**, 1979 (1979).
- [62] J. M. Kosterlitz, D. J. Thouless, R. C. Jones, *Phys. Lett.* **36**, 1217 (1976).
- [63] Linked Cluster Expansion by M. Wortis, in *Phase Transitions and Critical Phenomenon*, Volume 3, edited by C. Domb and M. S. Green, Academic Press, London.
- [64] G. Horwitz and H. B. Callen, *Phys. Rev.* **124**, 1757 (1961).

- [65] F. Englert, Phys. Rev. **129**, 567 (1963).
- [66] R. Brout, Phys. Rev. **115**, 824 (1959).
- [67] R. Brout, Phys. Rev. **118**, 1009 (1960).
- [68] M. Wortis, D. Jasnow and M. A. Moore, Phys. Rev. **185**, 805 (1969).
- [69] Th Vojta and W. John, J. Phys. Condens. Matter **5**, 57 (1993).
- [70] Th Vojta, W. John, M. Schreiber, J. Phys. Condens. Matter **5**, 4989 (1993).
- [71] A. Möbius, M. Richter, and B. Drittler, Phys. Rev. B **45**, 11 568 (1992).
- [72] M. Sarvestani *et al*, Phys. Rev. B **52**, R3820 (1995).
- [73] S. D. Baranovskii, B. I. Shklovski, and A. L. Efros, Sov. Phys. JETP **51**, 199 (1980).
- [74] A. Perez-Garrido *et al*, Phys. Rev. B **55**, R8630 (1997).
- [75] A. Y. Toukmaji and J. A. Board, Comput. Phys. Commun. **95**, 73 (1996).
- [76] M. Pollak and M. Ortuno, in 'Electron - Electron Interactions in Disordered Systems' eds, A. L. Efros and M. Pollak (North Holland, Amsterdam, 1985), p.287.
- [77] U. Dersch, B. Pohlman and P. Thomas, J. Phys. C: Solid State Phys, **16**, 3725 (1983).
- [78] S. Lamba and D. Kumar Phys. Rev. B **59**, 4752 (1999).
- [79] A. Aharony, Y. Zhang and M. P. Sarachik, Phys. Rev. Lett. **68**, 3900 (1992).
- [80] Y. Meir, Phys. Rev. Lett. **77**, 5265 (1996).
- [81] P. Maass, J. Petersen, A. Bunde, W. Dieterich and H. E. Roman, Phys. Rev. Lett. **66**, 52 (1991).

- [82] J. Gills, Proc. Cambridge. Philos. Soc. **51**, 639 (1955).
- [83] C. Domb and M. E. Fisher, *ibid.* **54**, 48 (1958).
- [84] J. W. Haus and K. W. Kehr, Solid State Commun. **26**, 753 (1973).
- [85] M. F. Shlesinger, *ibid.* **32**, 1207 (1979).
- [86] J. W. Haus and K. W. Kehr, Phys. Rep, **150**, 265 (1987).
- [87] R. Hilfer and R. Orbach, in Dynamical processes in Condensed Molecular Systems, edited by J. Klafter, J. Jortner and A. Blumen (World Scientific, Singapore, 1989), p.175.
- [88] R. Hilfer, Phys. Rev. B **44**, 628 (1991).
- [89] D. Forster, "Hydrodynamic Fluctuations, Broken Symmetry, and Correlation Functions", (Benjamin, Reading, Massachusetts, 1975)
- [90] J. Jeans, Phil. Mag. **8**, 692 (1904).
- [91] M. von Smoluchowski, Ann. d. Phys. **21**, 756 (1906).
- [92] R. Fuerth, Z. Phys. **2**, 244 (1920).
- [93] W. Kuhn, Kolloid-Z, **76**, 258 (1936), **3**, 87 (1939).
- [94] J. Bardeen and C. Herring, in: Imperfections in Nearly Perfect Crystals, ed. W. Shockley (Wiley, New York, 1952) p.261.
- [95] B. Movaghar and W. Schirmacher, J. Phys. C: Solid state Phys. **14**, 859 (1981).
- [96] B. Movaghar, B. Pohlman and W. Schirmacher, Phil. Mag. B **41**, 49 (1980).
- [97] B. Movaghar, B. Pohlman and W. Schirmacher, Solid St. Comm. **34**, 451 (1980).
- [98] H. Scher and M. Lax, Phys. Rev. B **7**, 4491 (1973).

- [99] E.N. Economou and Morrel H. Cohen, Phys. Rev. B **5**, 2931 (1972).
- [100] S. Kirkpartick, Phys. Rev. Lett. **27**, 1722 (1971).
- [101] S. Summerfield, Phil. Mag. B **52**, 9 (1985)
- [102] V. V. Bryksin, Sov. Phys. Solid State **26**, 827 (1984).
- [103] J. C. Dyre, Phys. Rev. B **48**, 12 511 (1993).
- [104] J. C. Dyre and T. B. Schroder, Rev. Mod. Phys. **72**, 873 (2000)
- [105] D. L. Sidebottom, Phys. Rev. Lett. **82**, 3653 (1999).
- [106] A. Ghosh and A. Pan, Phys. Rev. Lett. **84**, 2188 (2000).
- [107] M. Ben-Chorin, D. Kowal, and Z. Ovadyahu, Phys. Rev. B **44**, 3420 (1991).
- [108] M. Ben-Chorin, Z. Ovadyahu, and M. Pollak, Phys. Rev. B **48**, 15 025 (1993).
- [109] Z. Ovadyahu, and M. Pollak, Phys. Rev. Lett. **79**, 459 (1997).
- [110] A. Vaknin, Z. Ovadyahu, and M. Pollak, Phys. Rev. Lett. **81**, 669 (1998).
- [111] C. J. Adkins, J. D. Benjamin, J. M. D. Thomas, J. W. Gardner, and A. J. McGeown, J. Phys. C **17**, 4633 (1984).
- [112] G. Martinez-Arizala, D. E. Grupp, C. Christiansen, A. Mack, N. Markovic, Y. Seguchi, and A. M. Goldman, Phys. Rev. Lett. **78**, 1130 (1997).
- [113] A. Vaknin, Z. Ovadyahu, and M. Pollak, Phys. Rev. B. **61**, 6692 (2000).
- [114] C. C. Yu, Phys. Rev. Lett. **82**, 4074 (1999).

