

BOOKS

- (1) “Statistical Mechanics of Phase Transitions” J.M. Yeomans, Oxford Scientific Publications.
- (2) “Statistical Physics”, Landau and Lifshitz, Pergammon Press.
- (3) “The Theory of Critical Phenomena” J.J. Binney et al., Oxford Scientific Publications.
- (4) “Scaling and Renormalization in Statistical Physics” John Cardy, Cambridge Lecture Notes in Physics.
- (5) “Quantum and Statistical Field Theory” M. Le Bellac, Clarendon Press.
- (6) “Introduction to the Renormalisation Group of Critical Phenomena” P. Pfeuty and G. Toulouse, Wiley. ‘
- (*7) “Fluctuation Theory of phase Transitions” Patashinskii and Pokrovskii, Pergamon.
- (*8) “Field Theory the renormalisation Group and Critical Phenomena” D. Amit, McGraw-Hill.
- (*9) “Quantum Field Theory of Critical Phenomena” J. Zinn-Justin, OXFORD.
- (*10) “Phase Transitions and Critical Phenomena” in many volumes, edited by C. Domb and M. Green/Lebowitz.
- (*11) “Statistical Field Theory” Vols I and II, Itzykson and Drouffe, CUP.

Note * means it’s a harder book.