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, McGaw-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.