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Ergänzende Literatur zur Vorlesung Statistische Physik II
Abschnitt Phasenübergänge

[1] C. Domb, The critical point, Taylor & Francis, London 1996.

[2] J. M. Yeomans, Statistical mechanics of phase transitions, Clarendon Press, Oxford 1993.

[3] N. Goldenfeld, Lectures on phase transitions and the renormalization group, Addison-Wesley 1992.

[4] J. Cardy, Scaling and renormalization in statistical physics, Cambridge University Press, Cambridge 1997.

[5] G. A. Baker, Quantitative theory of critical phenomena, Academic Press, San Diego 1990.

[6] H. Römer, T. Filk, Statistische Mechanik, VCH 1994.

[7] M. Plischke, B. Bergerson, Equilibrium statistical physics, World Scientific, Singapore 1994.

[8] J. J. Binney, N. J. Dowrick, A. J. Fisher, M. E. J. Newman, The theory of critical phenomena, Clarendon Press, Oxford 1992.

[9] C. J. Thompson, Classical equilibrium statistical mechanics, Clarendon Press, Oxford 1988.

[10] B. M. McCoy, T. T. Wu, The two-dimensional Ising model, Harvard University Press, Cambridge 1973.

[11] P. Baxter, Exactly solved models in statistical mechanics, Academic Press 1982.

[12] D. A. Lavis, G. M. Bell, Statistical mechanics of lattice systems, Vols. 1 (2nd Edition) and 2, Springer-Verlag 1999.

[13] M. E. Fisher, Renormalization group theory: Its basis and formulation in statistical physics, Rev. Mod. Phys. **70**, 653 (1998).

[14] M. LeBellac, F. Mortessagne, G. G. Batrouni, Equilibrium and Non-Equilibrium Thermodynamics, Cambridge University Press 2004.

[15] S.J. Blundell, K.M. Blundell, Concepts in Thermal Physics, Oxford University Press 2006.

[16] M. Kardar, Statistical Physics of Particles, Cambridge University Press 2007.

[17] M. Kardar, Statistical Physics of Fields, Cambridge University Press 2007.

[18] K. Christensen, N.R. Moloney, Complexity and Criticality, Imperial College Press, London 2005.

[19] W.D. McComb, Renormalization methods, A guide for beginners, Oxford University Press, Oxford 2004.

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