

Literaturliste:

Statistische Physik I

1. N.G. van Kampen, Stochastic Processes in Physics and Chemistry, Elsevier, Amsterdam 2007
2. Franz Schwabl, Statistische Mechanik, Springer, Berlin 2000
3. Mehran Kardar, Statistical Physics of Particles, Cambridge University Press, Cambridge 2007
4. Mehran Kardar, Statistical Physics of Fields, Cambridge University Press, Cambridge 2007
5. Michael Plischke and Birger Bergersen, Equilibrium Statistical Physics, Prentice Hall, Englewood Cliffs, New Jersey 1989
6. Herbert B. Callen, Thermodynamics and an Introduction to Thermostatistics, John Wiley & Sons, New York 1985
7. Roger Balian, From Microphysics to Macrophysics, Volume I and II, Springer, Berlin 2007
8. Kerson Huang, Statistische Mechanik I,II,III, Hochschultaschenbücher-Verlag, Mannheim 1964

zusätzliche Literatur zu Kapitel 6:

Real Gase, Flüssigkeiten und kolloidale Suspensionen

1. Jean Pierre Hansen and Ian R. McDonald, Theory of simple fluids, Academic Press, London 1986
2. Gerhard Nägele, Theories of Fluid Microstructures, in Soft Matter: From Synthetic to Biological Materials, 39th IFF Spring School 2008, Series: Key Technologies Vol. 31, Forschungszentrum Jülich Publishing (2008)