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Recommended Supplementary Texts

Classical Thermodynamics

*Prausnitz, J.M., Lichtenthaler, R.N. and Gomes de Azevedo, E., "Molecular Thermodynamics of Fluid-Phase Equilibria", third edn., Prentice-Hall, Englewood Cliffs (1999)
ebook and physical copy available

J.P. O'Connell and J.M. Haile, "Thermodynamics. Fundamentals for Applications", Cambridge University Press (2005)
Physical copy available (<https://catalog.lib.ncsu.edu/record/NCSU1852392>)

H.B. Callen, "Thermodynamics and an Introduction to Thermostatistics", 2nd edition, John Wiley & Sons, New York (1985)
Physical copy available (<https://catalog.lib.ncsu.edu/record/NCSU169968>)

Statistical Thermodynamics & Molecular Simulation

M. Scott Shell, "Thermodynamics & Statistical Mechanics. An Integrated Approach", Cambridge University Press, Cambridge (2015)
Both ebook and physical copy are available

Gray, C.G. and Gubbins, K.E., "Theory of Molecular Fluids. Volume 1. Fundamentals", Oxford University Press, Oxford (1984)
Ebook available online

Gray, C.G., Gubbins, K.E. and Joslin, C.G., "Theory of Molecular Fluids. Volume 2. Applications", Oxford University Press, Oxford (2011).
Both ebook and physical copy are available

Jean-Pierre Hansen and Ian R. McDonald, "Theory of Simple Liquids", 4th edition, Academic Press, Oxford (2013)
Ebook available

Allen, M.P. and Tildesley, D.J., "Computer Simulation of Liquids", 2nd edition, Oxford University Press, Oxford (2017)
Ebook available

Frenkel, D. and Smit, B., "Understanding Molecular Simulation", second edition, Academic Press, San Diego (2002)
Ebook available

A.R. Leach, "Molecular Modeling: Principles and Applications", 2nd edition, Prentice Hall, ISBN 0-582-38210-6 (2001)