

## EQUILIBRIUM STATISTICAL PHYSICS

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relating  $X$ ,  $Y$ , and  $T$  for all equilibrium configurations. For non-equilibrium states,  $f \neq 0$ . (For example, the equation of state of an ideal gas is  $(V,P,T) = PV$ .)

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F. Haake, Statistical treatment of open systems by generalized master equation, in Springer Tracts in Modern Physics, Vol. 66 (Springer-Verlag, Berlin, 1973), Google Scholar 15.

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8.044: Statistical Physics I Thomas J. Greytak Physics Department Massachusetts Institute of Technology Spring Term 2004 Lecturer: Tom Greytak. Preface Probability is

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Selected lecture notes and problems from Equilibrium Statistical Physics, taught by Gerhard Müller at the University of Rhode Island. Some Relevant Textbooks and Monographs: L. E. Reichl: A modern course in statistical physics.

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Impurities in a Film . . Small self-organized structures of macromolecules, micelles, can exist as impurities in free-standing liquid crystal films. The disk shaped structures prefer to be resting in the plane of the film but can make small

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