

Physics 212 – Statistical Mechanics

General Information

course meeting: T Th 2:15–3:45 pm, Sequoia Hall 200

discussion section: T 6:00–7:00 pm, PAB, room S14 (sub-basement)

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Textbook: J. Sethna, Statistical Mechanics: Entropy, Order Parameters, and Complexity
<http://pages.physics.cornell.edu/sethna/StatMech/>

Useful references: L D. Landau and E. M. Lifshitz, Statistical Physics
D. Mattis, Statistical Mechanics Made Simple
M. Kardar, Statistical Mechanics of Particles
M. Kardar, Statistical Mechanics of Fields
G. Mazenko, Equilibrium Statistical Mechanics
L. Riechl, A Modern Course in Statistical Physics

Web page: <http://www.slac.stanford.edu/~mpeskin/Physics212/>

The course syllabus, lecture notes, and problem sets and solutions and links to the recommended reading will be posted on the course web page.