

PHYSICS 332-0 STATISTICAL MECHANICS

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Course Webpage:

http://www.hep.anl.gov/ian/teaching/Under_SM_2012/Under_SM_Spring2012.html

ASSIGNMENT #7

Due at 1 PM, May 23

Reading: Chapter 3 and Sections 5.1, 5.2, and 6.5 of Schroeder.

Problems: 3.25, 5.14, 5.15, 5.23 of Schroeder.

Note: for part (e) of 3.25, you only need to sketch it by working out the dependence in the high and low temperature limits separately, and then interpolating between the two limits.