

Physics 7653: Statistical Physics

<http://www.physics.cornell.edu/sethna/teaching/653/>

Material for Week 01

Exercises due Tuesday Aug 28, **FIVE DAYS FROM NOW**

Last correction at July 26, 2018, 3:27 pm

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Pre-class Preparation

Tuesday

Read: Cardy, Chapter 1 (Phase transitions in simple systems)

Sethna, Section 8.1 (The Ising model)

Exercises

8.16: Ising hard disks

Cardy, Exercise 1.4: Rare gas on a substrate. *Note that the mapping to an Ising model here is quite different from that in Exercise 8.16.*