

Physics 212 – Problem Set # 9

(due Tuesday, June 1)

1. Sethna, problem 11.3.

2. Sethna, problem 11.4.

Use the Ising model simulator that you wrote for Problem Set # 6. You will need to generalize it to include an external magnetic field.

3. Sethna, problem 12.6.

Note that, though the problem gives intuition into the material in Chapter 12, you do not need to study Chapter 12 in order to do the problem.