

Reading Assignment 11/7

(due: Friday, November 7, 9 am)

Read: §6.5 and §8.2 up to page 345, but only scan the section on the exact solution in one dimension.

- 1.: Which equation does Schroeder prove on pages 247 & 248?
- 2.: What is the critical temperature of the mean field approximation of the Ising model?
3. **Comments:** What of this reading did you find most difficult and what did you find most interesting? Any other comments?

Homework #26 due Nov. 7: 6.35, 6.37 and 6.41