

Reading Assignment 10/31

(due: Friday, October 31, 9 am)

Read: §6.2

- 1.: Why is the average energy per atom related to the total thermal energy U ?
- 2.: What is the partition function for a single dipole (a "spin") in the two-state paramagnet?
3. **Comments:** What of this reading did you find most difficult and what did you find most interesting? Any other comments?

Homework due Oct. 31: 6.5 & 6.9