

## Reading Assignment 09/26

(due: Friday, September 26, 9 am)

**Read:** §3.2

- 1.:** What does the 3rd law of Thermodynamics say about the entropy at  $T = 0$ ? Is it always true?
- 2.:** From equation (3.14) and the graph of the “miserly” system on page 90, what can you conclude about  $C_V$  for these misers?
- 3. Comments:** What of this reading did you find most difficult and what did you find most interesting? Any other comments?

**Homework due Fri, Sept. 24:** 3.4, 3.5, 3.7