

## Reading Assignment 10/08

(due: Wednesday, October 10, 9 am)

**Read:** pages 149-155 (§5.1 up to p.155)

- 1.:** Explain briefly the difference between the Gibbs free energy and the Helmholtz free energy.
- 2.:** What are the other two thermodynamic potentials we've encountered besides the Gibbs and Helmholtz free energies?
- 3. Comments:** What of this reading did you find most difficult and what did you find most interesting? Any other comments?

**Homework due Wed, Oct. 8:** 4.5 & 4.18 (Otto cycle: use Fig. 4.5 ( page 131, compression & expansion (power) are both along adiabats)