

## Reading Assignment #16

**(due: Wednesday, October 3, 8 am)**

(my email: kvollmay@bucknell.edu)

**Read:** Taylor §13.1 & 13.2

1. What are the advantages of Hamiltonian mechanics?
2. How are Legendre transformations used in thermodynamics? (Check your notes of thermodynamics & statistical mechanics.)
3. Homework #5 (11:30pm)
4. **Comments:** What of this reading did you find most difficult and what did you find most interesting? Is there a specific topic you would like to focus on, on Wednesday in class? Do you have any other comments or wishes?