

Problem Set 6
CHM 6461
Spring 2015, Dr. Chatfield

The due date will be Thursday, April 16.

1. McQuarrie 9-5. Calculating equilibrium constant from molecular data.
2. McQuarrie 9-12. Ditto.
3. McQuarrie 11-11. General question pertaining to heat capacity of crystals.
4. McQuarrie 11-17. Extend lattice dynamics formalism to 2-D. Assume only nearest-neighbor interactions are important, as we did in 1-D
5. McQuarrie 11-33. Comparison of Debye model and lattice dynamics model.