## Assignment #7

## Recommended Problems

- 1. McQuarrie and Simon: 15-1, 15-21, 15-28, 15-29, 15-35; 14-4, 14-10, 14-14
- 2. Obtain a value for the radiative lifetime (i.e.,  $1/A_{21}$ ) of the  $2p_0$  state of the H atom.