1 The Heteronuclear Diatomic Molecule

- 1. In Sutton on pages 32-33, Schrodinger's equation is solved for the heteronuclear diatomic molecule. However, some of the details were left out. Complete the derivation, filling in all of the necessary steps.
- 2. By now you should have a working python code for solving the homonuclear diatomic problem. Modify this code to model a heteronuclear diatomic molecule and use your code to recreate figure 2.4 in the book.