READING ASSIGNMENT

DUE:  Monday, November 6, 11 am
READ:  Townsend §10.1, §10.2 up to page 283 (Hydrogenic Wave Functions)

Hand your answers back to me either via email (bvolmmay@bucknell.edu) or as hardcopy.

1. What is $R(r)$ as $r \to 0$?

2. What are the possible energy levels for Hydrogen?

3. In solving the radial equation, what was the condition that ended up restricting the possible energy levels?

4. With what of this reading did you have most difficulty and/or what was most interesting? Any open questions?