

Physics 220 Assignment 5
Due Friday 2/27/09

1. TZD 7.10
2. TZD 7.18
3. TZD 7.19
4. TZD 7.20
5. TZD 7.29
6. TZD 7.30
7. TZD 7.32
8. TZD 7.34 Note: use equation (7.64) and plug in the expression for the wavefunction with $n=3$, then evaluate that integral. Equation (7.65) pertains only to the ground state wavefunction ($n=1$).