

**171.304**  
**Quantum Mechanics II.**

**PROBLEM SET # 5**  
**March 2, 2009**  
**(due 03/11/09)**

1. 11.9 (Townsend)
2. 11.15 (Townsend)
3. 11.17 (Townsend)
4. 6.36 (Griffiths)  
This was partly covered in class and also in Townsend's text. Nevertheless, work it out in detail as a warmup for the next problem.
5. 6.37 (Griffiths)
6. 6.26 (Griffiths)
7. 6.28 (Griffiths)