

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

**PROBLEM SET # 3**  
**February 16, 2009**  
**(due 02/25/09)**

1. Problem 10.16 (Townsend)
2. Problem 10.2 (Townsend)
3. Problem 10.4 (Townsend)
4. Problem 10.6 (Townsend)
5.
  - a) Problem 10.12 (Townsend)
  - b) Problem 10.13 (Townsend)
6. Problem 4.55 (Griffiths, p196)