

171.304
Quantum Mechanics II.

PROBLEM SET # 2
February 9, 2009
(due 02/18/09)

1. Read first Chapter 9 Section 7 (pp 254-259).
Problem 9.9 (Townsend)
2. Problem 9.12 (Townsend)
3. Problem 9.16 (Townsend)
4. Problem 9.19 (Townsend) (The solution of Problem 3.5 (Fall Semester) is helpful in 9.19(d).)
5. Problem 9.20 (Townsend)
6. Problem 10.11 (Townsend)
(Notes on the differential equation of the one-dimensional harmonic oscillator can be helpful.)