

Due date: Tuesday, Feb. 17

Deadline: Thursday, Feb. 19

B means a problem in Blundell & Blundell's text; GT means a problem in Gould & Tobochnik.

1. B 4.2—Warning, there is a typo in this problem. The two-state system is in Example 4.3, not 3.2. You should have already marked it in problem 0 of assignment 1.
2. B 4.3 You should find the posted Excel spreadsheet helpful.
3. B 4.7
4. GT 4.25
5. B 11.1 (Had also assigned B 11.2 last year, but it is trivial.)
6. B 12.2
7. B 12.3 (The first part is busy-work. You may start half way through, after Eq. 12.32, to then show Eqs. 12.33 – 12.37.)
8. B 12.6