

CSCE 317, Spring 2014, Assignment 1
Due 5:00pm Thursday January 23

January 15, 2014

NOTE: This and all future homework is to be turned in at the start of class, or, if there is no class on the due date, slipped under my office door before the deadline. Homework turned in late will not be accepted.

Here are some basic ground rules for this and future homework assignments:

- Present your solutions in order.
- Justify your answers by showing your work legibly and in a logically coherent way.
- Do not staple over anything you write.
- Please leave at least half an inch blank from the left edge of the paper. (I use this space to write scores.)

Exercises:

1. Do Exercise 2.1 on page 26.
2. Redo the previous exercise, this time letting $r_3 = 0$.
3. Do Exercise 2.2(a,b) on page 26. (Hint: knowing λ is not necessary for part (a).)
4. Do you think that the claim in Exercise 2.3(a) on page 26 is true? Explain why or why not (no proof or disproof required).
5. Same as above, but with Exercise 2.3(b) on page 27.