Dear ECE 314 students,

Amherst, 22 April, 2006

The second midterm exam (on coming Thursday, 27 April, 6:00 p.m. through 8:00 p.m.) is approaching fast.

As I announced in class, the exam problems will be restricted to material covered in chapters 3, 4, and 6 of the course: chapter 3 (continuous R.V.’s), chapter 4 (pairs of R.V.’s), and chapter 6 (sums of R.V.’s).

Feel free to use the attached two handwritten sheets as a rough “checklist” for your exam preparation. But don’t read too much into this list.

Here is the same advice that I offered before the first midterm exam. It also applies to the 2nd midterm exam:

• Go through the examples covered in class, the homework assignments, and the homework solutions and think about how you can approach the types of problems listed in the “checklist” in a systematic fashion.
• Once you have recognized a solution pattern, write down or sketch a “roadmap” that includes the relevant definitions and theorems.
• Before the exam, make sure that you have understood the relevant concepts, definitions and theorems. (If you have to think about the meaning of definitions and theorems during the exam, you may run out of time!!!)

For the First Midterm Exam, you will be allowed to bring only

• Pens, pencils, erasers
• A single one-sided, letter-size, handwritten page (no Xerox!!!) that includes definitions, theorems, “roadmaps”, etc. that you don’t want to memorize.

Best wishes,

Andreas Muschinski