Final exam study guide

The final exam will be Tuesday, May 13, 1:45–3:45 PM in our usual classroom. This exam will cover everything in the course: all material for the first 3 exams, and additionally section 5.1 up to Theorem 5.1, section 5.2 up to Theorem 5.9, and sections 5.3, 5.4 TBA.

You will be allowed to use MATLAB on the classroom computer. Whenever you compute something by MATLAB, like rref(A), then indicate this by writing ML right next to it. If it is a simple operation, like multiplying two matrices, or adding two vectors (which one could do just as easily by hand), then this is not necessary, but anything more involved (like finding an inverse matrix) requires it for full credit! You may use any of the material from the MATLAB Quick intro sheet. If you find any other operations on MATLAB, then please check with me before the exam that it is okay to use them. *Do not use any other commands without my express permission*!

There will be a proof type question on the exam, but there will be more computational questions than proofs. Make sure that you understand the homework problems, since they give a pretty good cross section of what you have to know.

The last Webassign gives a handful of review questions.

If you have time for it, then doing extra problems from the book is the way to go. Some additional problems from the last unit of the course are the following: §5.1, 1–6; §5.2, 1–14; §8.1, 1–14; §8.2, 1–14.