

Final Exam Review

Go over the midterm review sheets, homework assignments and class notes. Two problems on the test will be taken directly from the homeworks.

Review for material covered after midterm 2

Sections from Jacobs:

- 7.1 - for an extra example, you can look over "long term epidemic effects" if you like, and "the epidemic revisited", "Fibonacci #'s and the golden ratio". The last example is similar to what we did in class. Otherwise, everything but the column buckling should be familiar.
- 7.2 - Thm 45 + Corollary (intuition is good, but you don't need to know a formal proof.)
- 7.3 - "Markov chains + Random Events", Probability matrices, the closed Leontief IO model.

Practice Problems

- 7.1 - 1, 2, 5, 6, 8, 9
- 7.2 - 1, 7, 10 (diagonalize means find an eigenbasis), 11
- 7.3 7, 9, 10