About the final exam

The final exam for APM421 will take place on Wednesday, December 21 from 9am to noon in BR 200.

In the final, I will aim to have questions roughly at the level of the quiz, and questions that can be done with a roughly similar amount of machinery. The exam will focus on material in the online lecture notes and in homework assignments 1 through 4. (Note: assignment 4 will not be collected, but it is now available online.)

The online lecture notes have been updated. They continue not to cover many topics from the lectures. Many proofs are still missing. The newest version also covers a few topics that were omitted from the lectures. For example, the notes go into slightly more detail on compact operators than we did in the class.

The final exam will not assume familiarity with topics that appear in the notes but were not discussed in the lectures or assigned in any homework problems. These topics include Lemma 15 and Proposition 5 on page 22.

I will continue to fill in the online lecture notes over the next week, but as they currently stand they are a good guide to what will be covered on the final.