

PRACTICE PROBLEMS (in addition to HW, Quiz and Whiteboard problems!)

Exam 3 covers Chapters 11, 12 and 15 of the book

NOTE 1: The answers to all the odd numbered problems are provided at the back of the book. *I don't expect you to do all the practice problems below*, but it is of course true that the more you practice the better you become. Doing just all the odd numbered problems from the problems indicated below should already be more than sufficient practice.

NOTE 2: STUDY ALL THE "STOP-TO-THINK" QUESTIONS IN THE SECTIONS WE COVERED FROM EACH CHAPTER. The solutions, with explanations, are provided at the back of the book where the answers to the odd numbered problems are.

CHAPTER 11 (all sections covered except 11.6 which we skipped):

Conceptual questions: 1 – 13

Exercises and Problems: 1 - 5, 8 – 34, 38 – 42, 47 – 58, 62, 63, 66 – 72, 81

I realize several of these have been assigned for HW, or may have been solved as whiteboard problems in class.

CHAPTER 12 (all sections covered except 12.12 which we skipped):

Conceptual questions: 1 – 13

Exercises and Problems: 1 – 4, 6 – 46, 49, 51, 52, 57 62, 65 – 67, 69 – 76, 78 – 82, 86, 90

I realize several of these have been assigned for HW, or may have been solved as whiteboard problems in class.

CHAPTER 15 (all sections covered except 15.6 and 15.7 which we skipped; for Sec. 15.8 follow class notes and videos shown in class):

Conceptual questions: 1 – 7, 9, 12

Exercises and Problems: 1 – 23, 37 – 43, 45 – 48, 50 – 54, 64, 65, 74, 75, 79

I realize several of these have been assigned for HW, or may have been solved as whiteboard problems in class.