

Directions: Read ALL of the following directions.

This is an open-notes, open-homework, open-textbook exam. There is no official time limit, but it is suggested that you should be able to solve most of the problems within approximately 1 hour.

There are 2 problems totaling 40 points on this exam.

Justify any answers you give, including computations. You may freely refer to results from in class, from the course notes, and the course assignments and solutions, but please make it clear what results you are using.

Proofs and explanations are expected to be clear, concise, and correct.

You MAY use a computer for typesetting and to access any material on the course webpage (e.g., the course notes and homework solutions), and to perform computations. Any such computations must be clearly identified and justified as correct.

You MAY NOT use a computer to access any other information.

You MAY ask the instructor for help on any part of the exam, during office hours or via email. (The instructor may or may not decide to grant help, but you are encouraged to ask regardless.)

You MAY NOT discuss the material on this exam with anyone except for the instructor (until after the due date). This includes asking others for hints or solutions, searching for information about the problems online, or posting about the problems on discussion forums.

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1. [20 points] Summarize the main topics covered in each of the four chapters of this course, and identify at least one interesting thing you learned from each of them.
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2. [20 points] What topic(s) in this course did you most enjoy? Which topic(s) did you least enjoy? Do you have any feedback about the course, the presentation, the organization of the material, or anything else?
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