

Assignment 14 (8/23)

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This homework is NOT due in class. You don't need to hand them in. However, make sure you can solve all the problems here since they are in the syllabus for the final exam.

Problem 0★

Read section 7.3.

Problem 1★

Problems 7.3.(1, 6, 10, 16, 21, 40, 41, 46).

Problem 2★

Problem 7.3.37. Using part (b), conclude that if A is diagonalizable, then it's possible to pick an orthonormal eigenbasis for A .