MATH 240 — HOMEWORK 6.

due on Monday, February 26.

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Topics:
- Chapter 7 Eigenvalues and Eigenvectors
  - 7.1 The Eigenvalue/Eigenvector Problem
  - 7.2 General Results for Eigenvalues and Eigenvectors
  - 7.3 Diagonalization

Sixth Homework Assignment.

Reading:
- Read Sections 7.1 to 7.3.

Problems: Make sure you can do all the Core Problems for Sections 7.1 to 7.3, but write up (only) the following problems to be handed in:
- Section 7.1 (page 442)
  - True-False Review: b, c, g ; Problems: 6, 8, 10, 14, 20, 28
- Section 7.2 (page 451)
  - True-False Review: b, d, f ; Problems: 4, 8, 20
- Section 7.3 (page 459)
  - True-False Review: b, e, f ; Problems: 2, 6, 18, 27