

AMCS 602 Fall 2017
Homework Set V, Due Oct. 30, 2017

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Reading: Read the Lecture 20 - 23 of Trefethen and Bau: *Numerical Linear Algebra*, which is published by SIAM. Page numbers below refer to this book. The solutions of the following problems should be carefully written up and handed in.

1. Page 154, Problem 20.1.
2. Page 154, Problem 20.2.
3. Page 154, Problem 20.5.
4. Page 162, Problem 21.5.
5. Page 171, Problem 22.1.
6. Page 171, Problem 22.4.
7. Page 177, Problem 23.1.