

AMCS 602
Problem set 6 due October 18, 2016
Dr. Epstein

Reading: Page numbers below refer to *Numerical Linear Algebra* by Trefethen and Bau.

Standard problems: The following problems should be done, but do not have to be handed in.

1. Page 120, problem 16.2.
2. Page 128, problem 17.3.
3. Page 136, problem 18.1.
4. Page 136, problem 18.3.
5. Page 162, problem 21.6
6. Page 143, problem 19.2.

Homework assignment: The solutions to the following problems should be carefully written up and handed in.

1. Page 119, problem 16.1.
2. Page 127, problem 17.2.
3. Page 136, problem 18.2.
4. Page 136, problem 18.4.
5. Page 143, problem 19.1.
6. Page 154, problem 20.1.
7. Page 154, problem 20.3.
8. Page 154, problem 20.5.
9. Page 162, problem 21.5.