

Homework 7

Numerical Linear Algebra

October 22, 2017

1 Problems for everybody

1. Problem 12.1, **Hint:** The connection between the Frobenius norm $\|\cdot\|_F$ and the singular values of a matrix is on page 34.
2. Problem 13.3.
3. Problem 14.1 (a-c), e, Problem 14.2.
4. Problem 15.1 (a-d), Problem 15.2.