

## Homework 7

**Reading assignment:** Chapters 16 and 17 in the textbook. Chapter 2 (Cholesky factorization) in the *ECE133A Lecture Notes*.

### Homework problems

1. Exercise A10.1 (a,b,c).
2. Exercise A10.14. The remark at the end of exercise T16.15 describes an application of this result.
3. Exercise A11.5.
4. Exercise A11.8 (b,d).
5. Exercise A11.26.