Homework 7

Due: 12/4/2018.

Reading assignment: Chapter 18 in the textbook. Chapter 2 (Cholesky factorization), sections 4.2 and 4.3 (Newton's method for nonlinear equations), and chapter 5 (Unconstrained minimization) in the *ECE133A Lecture Notes*.

Homework problems

1. Exercise T17.6. Julia users can find related code in §17.2 of the *Julia Companion.*

2. Exercise A11.8 (c,d,e).

3. Exercise A11.23.

4. Exercise T18.8.

5. Exercise A12.2.

6. Exercise A13.2 (a, b). Julia users can find the data in the file `robappr.jl` and import u, v using `include("robappr.jl")`.