

### MATE 6627 assignment 3

12. Exercise 2 p. 20.
13. Exercise 6 p. 22–23, parts a–f.
14. Exercise 1 p. 30.
15. Where in the proof of Dini's lemma did we use the fact that  $f$  is continuous?
16. Exercise 1 p. 36.
17. Exercise 2 p. 36, parts a, b.