



Semester 2 Assessment, 2020

School of Mathematics and Statistics

MAST30026 Metric and Hilbert Spaces

Reading time: 30 minutes — Writing time: 3 hours — Upload time: 30 minutes

This exam consists of 2 pages (including this page)

Permitted Materials

- This exam and/or an offline electronic PDF reader and blank loose-leaf paper.
- No books, notes or other printed or handwritten material are permitted.
- Calculators are not permitted.

Instructions to Students

- There are 5 questions with marks as shown. The total number of marks available is 100.
- If you have a printer, print the exam. If you cannot print, download the exam to a second device, which must then be disconnected from the internet.
- During writing time you may only interact with the device running the Zoom session with supervisor permission. The screen of any other device must be visible in Zoom from the start of the session.
- Write your answers on A4 paper. The first page should contain only your student number, the subject code and the subject name. Write on one side of each sheet only. Start each question on a new page and include the question number at the top of each page.
- Assemble your single-sided solution pages in correct order and the correct way up. Use a mobile phone scanning application to scan all pages to a single PDF file. Scan from directly above to reduce keystone effects. Check that all pages are clearly readable and cropped to the A4 borders of the original page. Poorly scanned submissions may be impossible to mark.
- Submit your PDF file to the Canvas Assignment corresponding to this exam using the Gradescope window. Before leaving Zoom supervision, confirm with your Zoom supervisor that you have Gradescope confirmation of submission.