

Descriptive set theory

Exercise 2

1. Exercise 4.6 (i).
2. Exercise 4.6 (ii).
3. Exercise 4.8.2 (i).
4. Exercise 4.8.2 (ii).
5. Exercise 4.8.2 (iii).
6. Show that X from the proof of Theorem 5.5 is Borel.
7. Exercise 5.6.