

## Math 624: Homework 5

1. Exercise 1, p. 380.
2. Exercise 3, p. 381.
3. Exercise 4, p.381.
4. Exercise 8, p. 381.
5. Exercise 9, p. 381, only in the case  $\xi_1 = \xi_2$ .
6. Exercise 10, p. 381.