

HOMEWORK 5

- (1) Exercise 8.8
- (2) Exercise 8.9
- (3) Problem 8.3
- (4) Problem 8.4
- (5) Problem 8.7

Remark 0.1. We won't be covering riemannian geometry in this course, however at this point you totally have the background to read the rest of chapter 8 and do the exercises if you want.