

**Math 739: Differential Geometry**  
**Problem Set #5**  
**Due Tuesday, April 6**

1. Exercise 5.1 on page 110
2. Exercise 5.3 on page 110
3. Exercise 5.6 on page 116
4. Exercise 5-2 on page 121
5. Exercise 5-6 on page 121-122
6. Exercise 5-10 on page 122