

Math 4230, Fall 2012
Homework #12
Due Friday, December 7, 2012

From J. Oprea, *Differential Geometry and Its Applications*:

§5.5: Exercises 5.5.2, 5.5.10 (Just show that I is an isometry, and read the rest for enlightenment!),
5.5.11, 5.5.13

§6.1: Exercises 6.1.5, 6.1.8, 6.1.9

§6.2: Exercise 6.2.3

§6.3: Exercises 6.3.1, 6.3.3, 6.3.4, 6.3.10, 6.3.11