

Math 4230, Fall 2012
Homework #4
Due Friday, September 28, 2012

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

§2.1: Exercises 2.1.6, 2.1.7, 2.1.8, 2.1.12, 2.1.13, 2.1.16, 2.1.20, 2.1.22 (Note that Exercise 2.1.13 should say “the circle of radius r centered at $(R, 0)$.”)

§2.2: Exercises 2.2.5, 2.2.6, 2.2.7, 2.2.8, 2.2.11, 2.2.14, 2.2.15