

Math 423 Differential Geometry Fall 2006

Homework 5: Surfaces and Coordinate Patches

Due Thursday Oct. 12

1. Section 4.1 #4
 2. Section 4.1 #5
 3. Section 4.1 #8
 4. Section 4.2 #2
 5. Section 4.2 #3
 6. Section 4.2 #8
 7. Section 4.3 #1
 8. Section 4.3 #2
 9. Section 4.3 #8
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Bonus Questions for those taking the course for four credits or for those who want more of a challenge.

10. Section 4.3 #7
11. Section 4.3 #11(a)(b)