

Math 423 Differential Geometry Fall 2006

Homework 6: The Shape Operator

Due Tuesday Oct. 24

1. Section 5.1 #2
 2. Section 5.1 #3
 3. Section 5.1 #4
 4. Section 5.1 #6
 5. Section 5.2 #3
 6. Section 5.3 #4
 7. Section 5.3 #5
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Bonus Questions for those taking the course for four credits or for those who want more of a challenge.

8. Section 5.1 #5
9. Section 5.1 #9
10. Section 5.3 #7