

September 8, 2009

18.701 Problem Set 1

This assignment is due Wednesday, September 15.

As a rule, you are expected to prove your assertions in the problem sets.

1. Chapter 1, Exercise 6.2. (*invertible integer matrices*)
2. Chapter 1, Exercise M.8. (*an exercise in logic*)
3. Chapter 1, Exercise M.11. (*the discrete dirichlet problem*)
4. Chapter 1, Exercise 4.8b. (*generating $SL_n(\mathbb{R})$*)
5. Chapter 2, Exercise 4.11b. (*generating A_n*)
6. (*optional*) Chapter 2, Exercise M.16. (*the homophonic group*)

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