

Math087 - Mathematical Modelling - AY2023-2024 spring

George McNinch

Assignments

| Date | DOW | Desc | Seq | Week | Details |
|-------|-----|------------|-----|------|--|
| 01/19 | Fri | Assignment | | 1 | no assignment collected |
| 01/26 | Fri | Assignment | | 2 | PS01: Optimization |
| 02/02 | Fri | Assignment | | 3 | PS02: Linear programming |
| 02/09 | Fri | Assignment | | 4 | PS03: Dual linear programs |
| 02/16 | Fri | Assignment | | 5 | midterm report 1 (linear programming) |
| 02/23 | Fri | Assignment | | 6 | PS04: integer programming & max flow |
| 03/01 | Fri | Assignment | | 7 | PS05: matching and finite-state machines |
| 03/08 | Fri | Assignment | | 8 | PS06: eigenvalues & Markov processes |
| 03/15 | Fri | Assignment | | 9 | midterm report 2 (page-rank) |
| 03/22 | Fri | Assignment | | 10 | (no homework – spring break) |
| 03/29 | Fri | Assignment | | 11 | PS07: Monte-Carlo methods |
| 04/03 | Wed | Assignment | | 12 | Final project proposals due |
| 04/05 | Fri | Assignment | | 12 | PS08: binomial & poisson distributions |
| 04/12 | Fri | Assignment | | 13 | PS09: recurrence & generating functions |
| 04/19 | Fri | Assignment | | 14 | PS10: least squares & inverse problems |
| 04/26 | Fri | Assignment | | 15 | |
| 05/03 | Fri | Assignment | | 16 | Final Project Due |