

Math 320 Presentation Schedule

1 December 7: Mathematical Methods

1. Justin Kim – Principal Components Analysis
2. Rohan Saraogi and Mihir Trivedi – Linear Programming and the Simplex Method
3. Xinhe Shan – Fourier Transform and Voice Recognition

2 December 9: Computer Science

1. Ammar Elsheshtawy – Mersenne Twister Algorithm
2. Lauren Leung – Halting Problem
3. Ryan Kortvelesy – Neural Networks

3 December 12: Analysis of Time-Processes

1. Robert Maura and Natalie Weiss – Game Theory with Evolution
2. Rachel Hong and Joshulyne Park – Forecasting Birth Rates
3. Rongrong Liu – Finite Difference Method

4 TBD: Biology

1. Varun Rajagopal – Brain Tumors via Image Processing
2. Jack Norleans and Yutong Wang – Technical Noise in mRNA-Seq Experiments
3. Edward Zhao – CNV Workshop