MATH 3043, Numerical Analysis I

Fall 2018

Lab 9

This lab will have you implementing Gaussian elimination with pivoting to solve linear systems.

Solutions must be submitted on Canvas and are due **November 12** at the beginning of lab. Please submit a single script file Lab9Lastname.m and the corresponding published file Lab9Lastname.pdf (for example, my submitted files would be Lab9Zumbrum.m and Lab9Zumbrum.pdf). Each solution should

- be contained in a separate cell which includes the problem number and short problem description,
- run independent of other cells,
- be adequately commented.
- 1. Implement Gaussian elimination with partial pivoting to solve

2. Implement Gaussian elimination with scaled partial pivoting to solve