

City University
Faculty of Science & Engineering
Department of Computer Science and Engineering
CSE 231: Numerical Analysis, Semester: Fall 2018
Assignment : 1, Submission date: 18.1.2019

1. Solve the system of linear equations using cramer's rule.

$$2x + 3y - z = 1$$

$$4x + y - 3z = 11$$

$$3x - 2y + 5z = 21$$

2. Solve the system of linear equations using Gaussian elimination method.

$$x + y - 2z = 9$$

$$2x + 4y - 3z = 1$$

$$3x + 6y - 5z = 0$$