Linear Algebra

Assignment

Session: Jan-May 2020

Name:

SRN:

Section:

List of Programs

1. Gaussian Elimination

2. Inverse of a Matrix by the Gauss- Jordan Method

3. The LU Decomposition

4. The Span of Column Space of a Matrix

5. The Four Fundamental Subspaces,

6. The Gram-Schmidt Orthogonalization

7. Eigen values and Eigen Vectors of a Matrix

8. Projections by Least Squares

9. The Largest Eigen Value of a Matrix by the Power Method.

1. Gaussian Elimination

Source code

Sample Outputs