

Lab 5

Solution of Linear Algebraic Equations

1. Write a program to find a solution of linear algebraic equations using Gauss-elimination method.
2. Write a program to find a solution of linear algebraic equations using Gauss Jordan method.
3. Write a program to find a solution of linear algebraic equations using Jacobi method.
4. Write a program to find a solution of linear algebraic equations using Gauss Seidel Method.
5. Write a program to find Eigen values using Power method.

Note: Lab report must contain algorithm, source code and output of each programming problem.