Assignment 2

Bar on 19 Mar 2020, 12:00 AM

Problem 1: Gaussian Elimination (First operation)

- [ ] Enter the problem statement.
- [ ] Identify the variables and constants.
- [ ] Set up the system of linear equations.
- [ ] Use Gaussian elimination to solve for the variables.
- [ ] Interpret the solution.

Problem 2: Gaussian Elimination (Second operation)

- [ ] Enter the problem statement.
- [ ] Identify the variables and constants.
- [ ] Set up the system of linear equations.
- [ ] Use Gaussian elimination to solve for the variables.
- [ ] Interpret the solution.

Problem 3: LU Decomposition

- [ ] Enter the problem statement.
- [ ] Identify the variables and constants.
- [ ] Set up the system of linear equations.
- [ ] Use LU decomposition to solve for the variables.
- [ ] Interpret the solution.

Problem 4: Back-substitution

- [ ] Enter the problem statement.
- [ ] Identify the variables and constants.
- [ ] Set up the system of linear equations.
- [ ] Use back-substitution to solve for the variables.
- [ ] Interpret the solution.

Problem 5: Application Problem

- [ ] Enter the problem statement.
- [ ] Identify the variables and constants.
- [ ] Set up the system of linear equations.
- [ ] Use appropriate methods to solve for the variables.
- [ ] Interpret the solution.