Linear Algebra Assignment 4
Course code: MT104
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Due Date: 14 Dec 2018

Note

In case of copy/paste straight zero will be given to that person or group.

Problem Statement 1

Given a Matrix and a real value.you need to verify that given real value is Eigen value of a given matrix.

Problem Statement 2

Given a Matrix and a vector .you need to verify that given vector is Eigen vector of a given matrix.

Problem Statement 3

Given a Matrix compute the Eigen values

Problem Statement 4

Given a Matrix and Eigen vector.you need to compute the Eigen value corresponding to given Eigen vector.