

Assignment 9 - Math 448

Assignment 9: Due 3/17 by email

The goal of this assignment is for you to gain practice in using Singular value decomposition for dimensional reduction.

For this assignment, you should find and import a multi-dimensional data set into Mathematica. See the “More SVD” notebook file for an example. Perform singular value decomposition on this matrix, and use the SVD to create 1, 2, and 3 dimensional representations of this larger dimensional data set.