Name: Muhammad Nouman

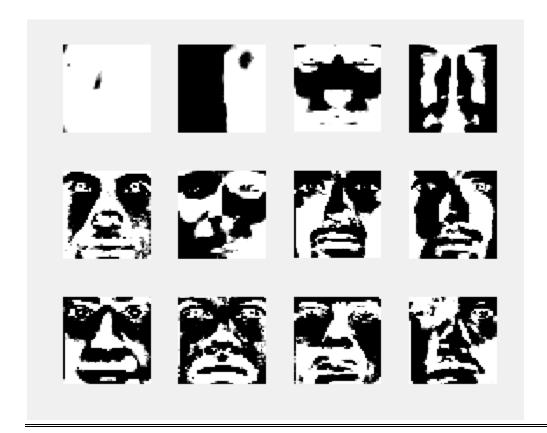
Roll# L164309

Section: Computer Vision

Submitted To: Instructor Usman Sadiq

Question#1

Eigen Images: First 12 Eigen images that I have found



Resynthesized versions of the original image with different m values

M = 10

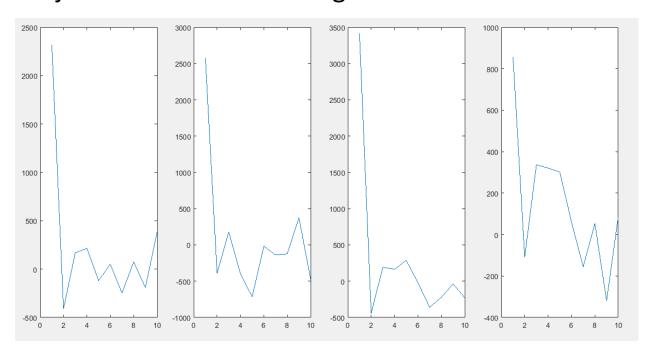








Projection Coefficient vs Eigen Vector number



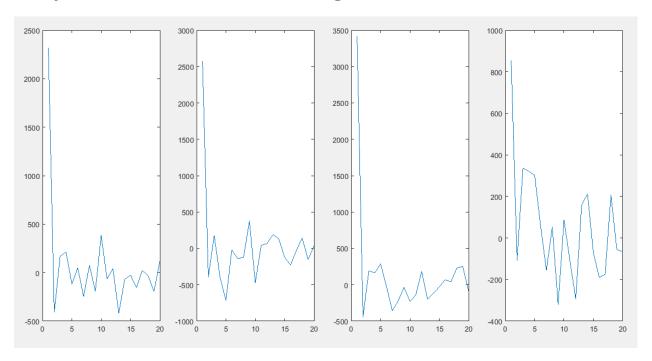








Projection Coefficient vs Eigen Vector number



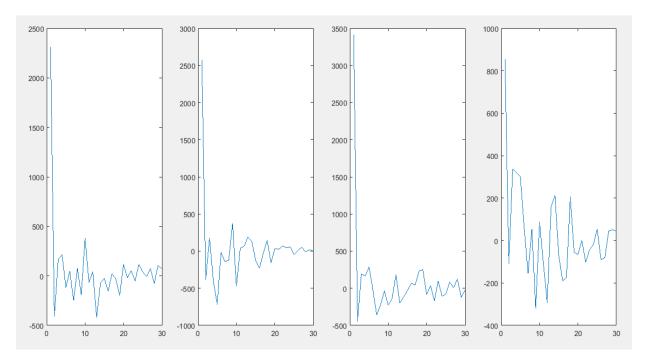




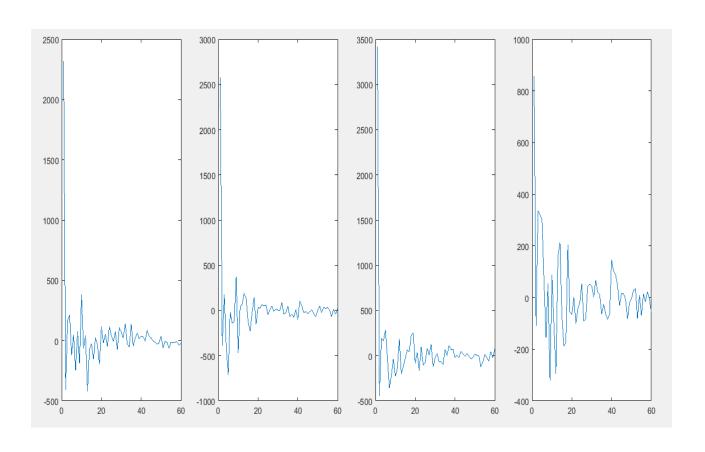




Projection Coefficient vs Eigen Vector number





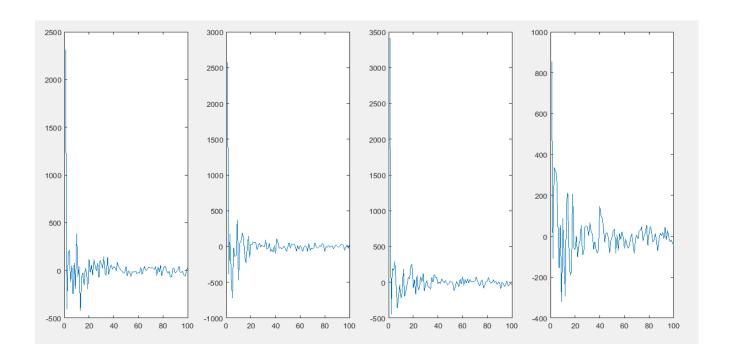




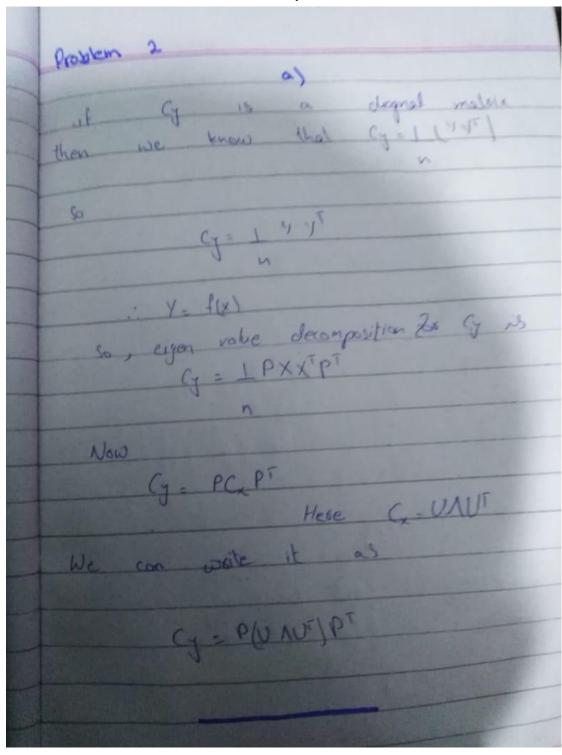








Question#2 Problem 2 a)



Problem 2 b)

