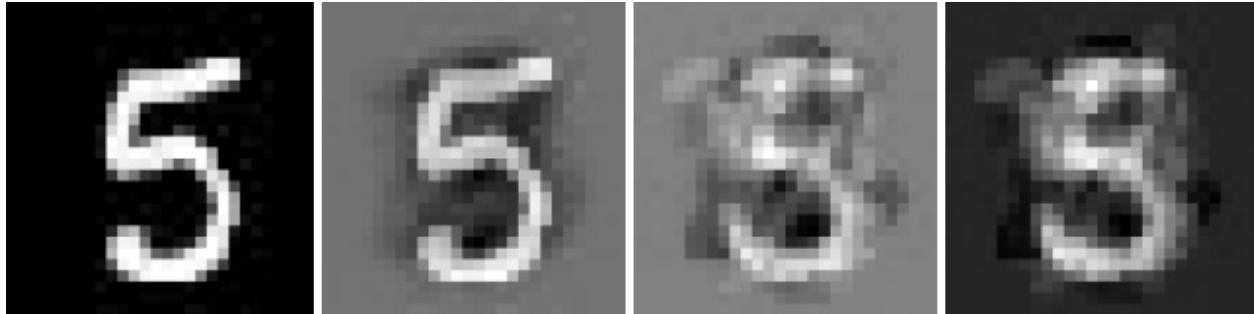


Eigenimage Report

by Yixiang Xie for CS5330 CVPR

Similar Test Image



Original Similar

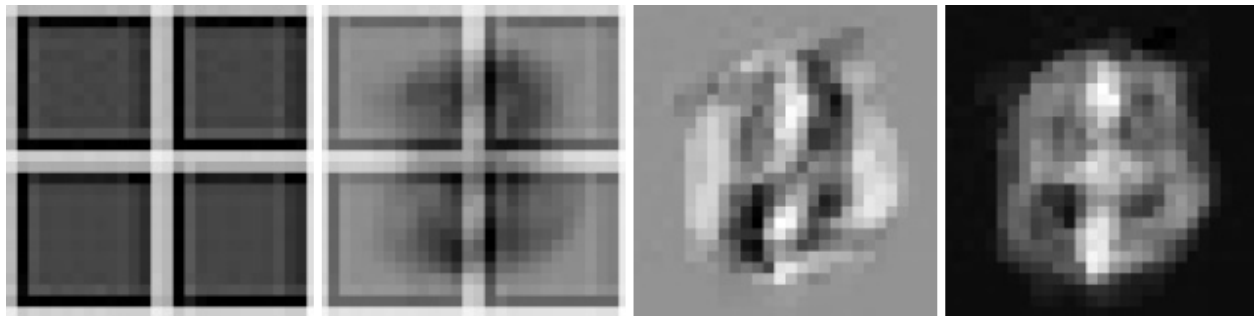
Differential Similar

Reprojected Similar

Reprojected Original
Similar

Coefficients: 1236.9 -166.4 -1354.0 2215.3 3939.5 -611.3 -2182.8 2791.3 420.3
-12.5 1019.4 3157.3 -30.6 703.8 202.3

Not Similar Test Image



Original Not Similar

Differential Not
Similar

Reprojected Not
Similar

Reprojected Original
Not Similar

Coefficients: 152.9 455.6 95.0 -12.0 -1372.3 1218.9 -303.4 930.8 -460.9 -1202.0
828.7 605.2 612.1 1317.8 1145.5

Credits

Professor Bruce Maxwell for starter code
LeCun et al. for image dataset MNIST