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#1001387435

pca_power pendigits_training.txt pendigits_test.txt 1 10

Eigenvector 1

1: -0.0266
2: -0.0632
3: 0.1814
4: 0.1231
5: 0.1998
6: 0.3188
7: 0.1460
8: 0.4154
9: 0.2096
10: 0.2304
11: 0.1693
12: -0.1552
13: -0.0434
14: -0.4407
15: -0.2138
16: -0.4693

Test object 0

1: -30.1139

pca_power satellite_training.txt satellite_test.txt 2 20

Eigenvector 1

1: 0.1357
2: 0.2670
3: 0.1291
4: 0.0486
5: 0.1381
6: 0.2717
7: 0.1315
8: 0.0498
9: 0.1344
10: 0.2641
11: 0.1268
12: 0.0472
13: 0.1383
14: 0.2738
15: 0.1332
16: 0.0499
17: 0.1418
18: 0.2802
19: 0.1357
20: 0.0508
21: 0.1381
22: 0.2736
23: 0.1313
24: 0.0489

25: 0.1323
26: 0.2645
27: 0.1282
28: 0.0476
29: 0.1360
30: 0.2718
31: 0.1304
32: 0.0479
33: 0.1331
34: 0.2673
35: 0.1261
36: 0.0455

Eigenvector 2

1: -0.0717
2: -0.0942
3: 0.1721
4: 0.2470
5: -0.0715
6: -0.0944
7: 0.1767
8: 0.2529
9: -0.0699
10: -0.0923
11: 0.1755
12: 0.2486
13: -0.0721
14: -0.0973
15: 0.1791

16: 0.2589
17: -0.0733
18: -0.0985
19: 0.1863
20: 0.2664
21: -0.0719
22: -0.0960
23: 0.1828
24: 0.2602
25: -0.0704
26: -0.0932
27: 0.1738
28: 0.2505
29: -0.0712
30: -0.0964
31: 0.1799
32: 0.2583
33: -0.0716
34: -0.0967
35: 0.1767
36: 0.2536

Test object 0

1: 514.0551
2: 230.9335

pca_power yeast_training.txt yeast_test.txt 3 30

Eigenvector 1

1: 0.6926
2: 0.5947
3: -0.1223
4: 0.3643
5: 0.0294
6: -0.0089
7: 0.0200
8: -0.1328

Eigenvector 2

1: -0.2877
2: -0.2026
3: 0.1388
4: 0.9219
5: -0.0147
6: -0.0206
7: -0.0780
8: -0.0200

Eigenvector 3

1: 0.0206

2: 0.1058
3: -0.1615
4: 0.0820
5: -0.0030
6: -0.0478
7: 0.0948
8: 0.9717

Test object 0

1: 0.6567
2: -0.0634
3: 0.3106