results:

Mu Array :

-31.8808 0.0511 -0.0535

31.6960 0.0160 -0.0087

Sigma Array :

4.7814 2.6528

0.9443 0.9241

1.0108 0.9201

2.2434 5.0591

0.9540 0.9718

0.9142 0.9257

Euclidean distance of calculated and original MUs and SIGMAs :

For No.:1 cluster:

Euclidean distance of Mu : 1.8822

Euclidean distance of Mu : 1.6961

Euclidean distance of Sigma : 0.22585 1.6565

Euclidean distance of Sigma : 1.2472 0.099079

For No.:2 cluster:

Euclidean distance of Mu : 1.6961

Euclidean distance of Mu : 1.8822

Euclidean distance of Sigma : 1.2472 0.099079

Euclidean distance of Sigma : 0.22585 1.6565

Confusion Matrix :

confMtx =

200 0

0 200

Accuracy :

accur =

1

ans =

0