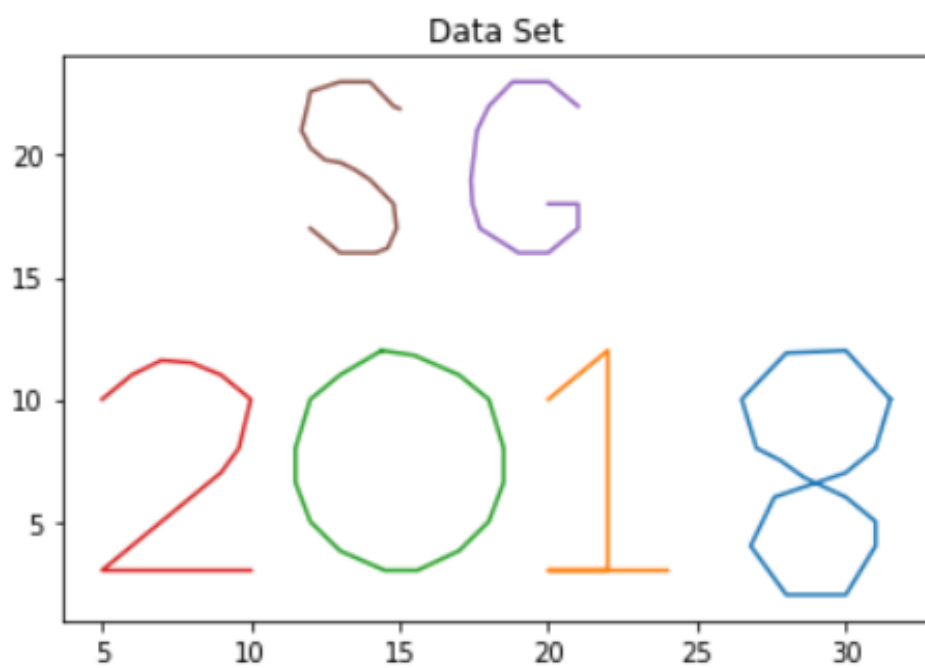
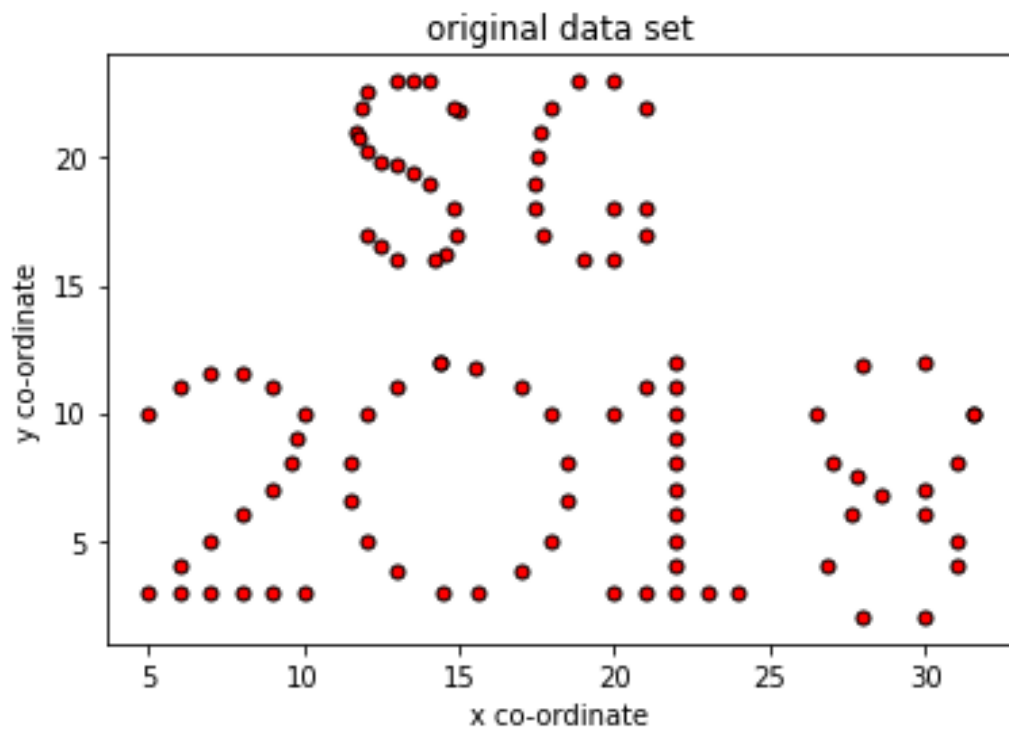
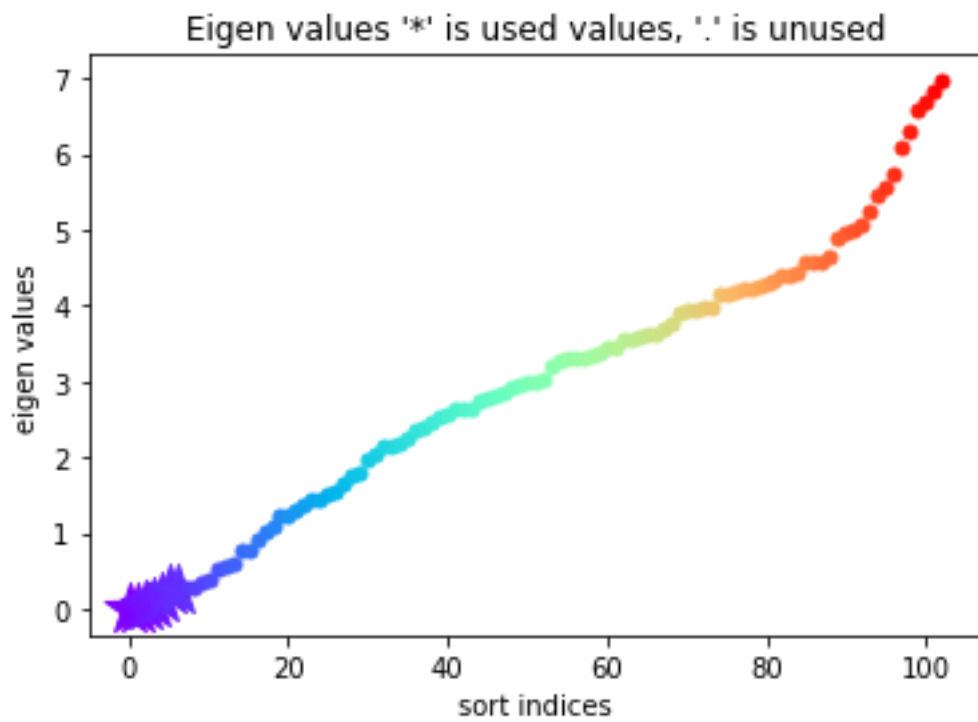


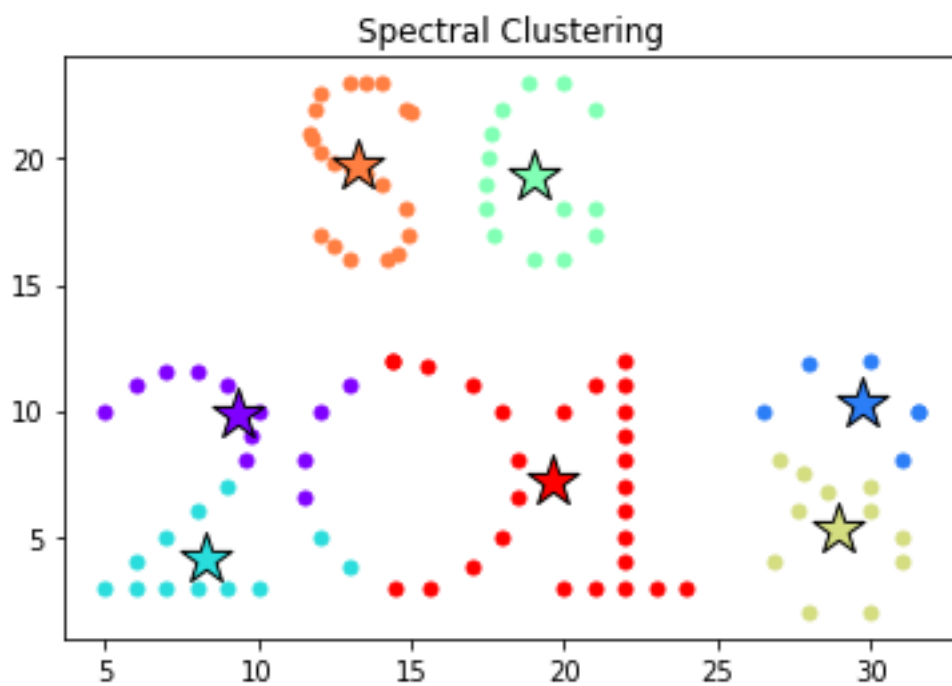
SAMBIT GHOSH

SR NO. – 17868





Used eigen values are marked with “\*”, And rest of them are marked with “.”.



Number of cluster is 7.

The centroids of the clusters are marked with a "\*", Each of the 7 clusters represented in different colour.

The eigen values used in this process are as follows(which are also marked in the eigen value graph with "\*"):

(0.007478208194453599+0j)

(0.01662538916717479+0j)

(0.05451092951370672+0j)

(0.15421218383573848+0j)

(0.2468134489512173+0j)

(0.25240098029718816+0j)