Gisette Data set

Qn.5a) Standard run-Linear Kernel

Train error: 0.0

Test error: 0.024000000000000002

No. of Support Vectors: 1084

Qn.5b)

(i) RBF with gamma=0.001

Train error: 0.0

Test error: 0.5

No. of Support Vectors: 6000

(ii) Polynomial kernel with degree =2 and coef0=1

Train error: 0.0

Test error: 0.021000000000000002

No. of Support Vectors: 1755

Both the kernels (RBF and polynomial) yields the same training error which is zero.