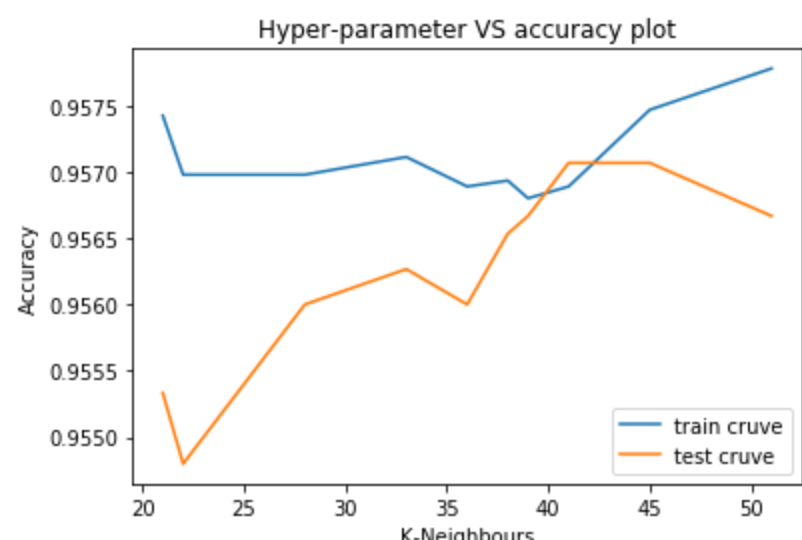


[illegible]

```
from matplotlib.colors import ListedColormap

neigh = KNeighborsClassifier(n_neighbors = 40)
neigh.fit(X_train, y_train)
plot_decision_boundary(X_train[:, 0], X_train[:, 1], y_train, neigh)
```

