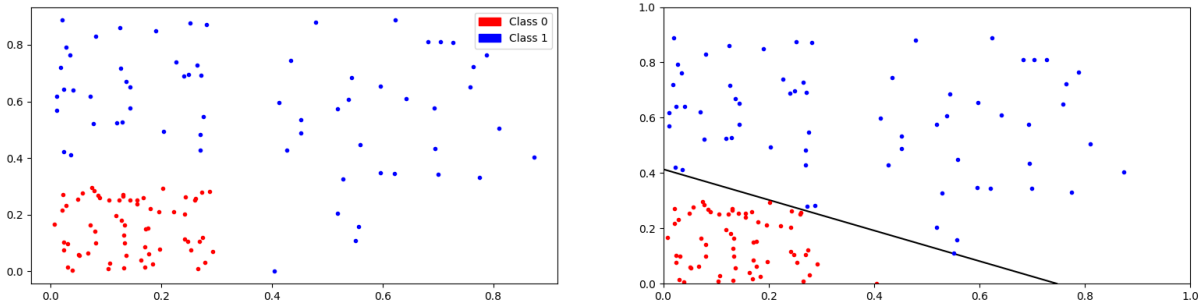
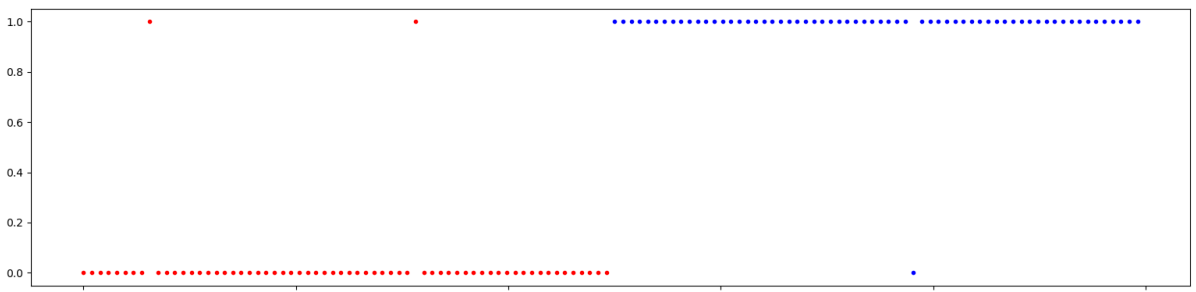
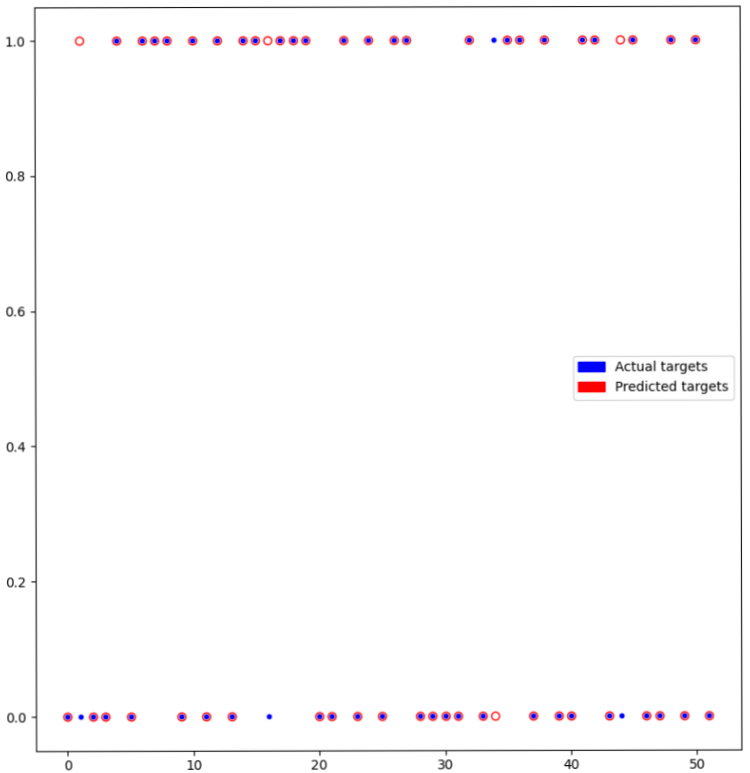
Εργασία στο μάθημα Αρχές και Μέθοδοι Μηχανικής Μάθησης

Χρήστος Τζήκας

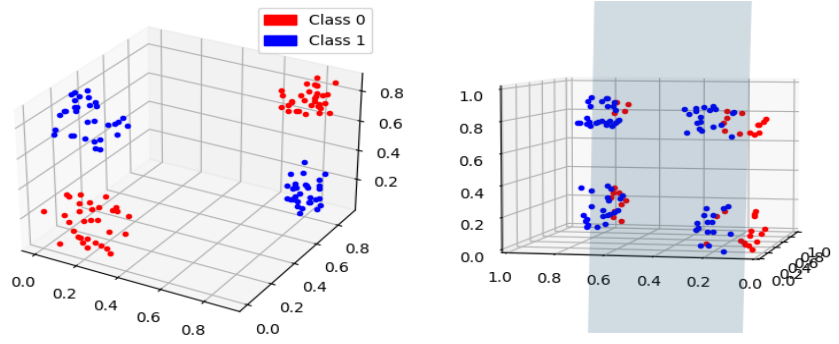
Perceptron angle dataset

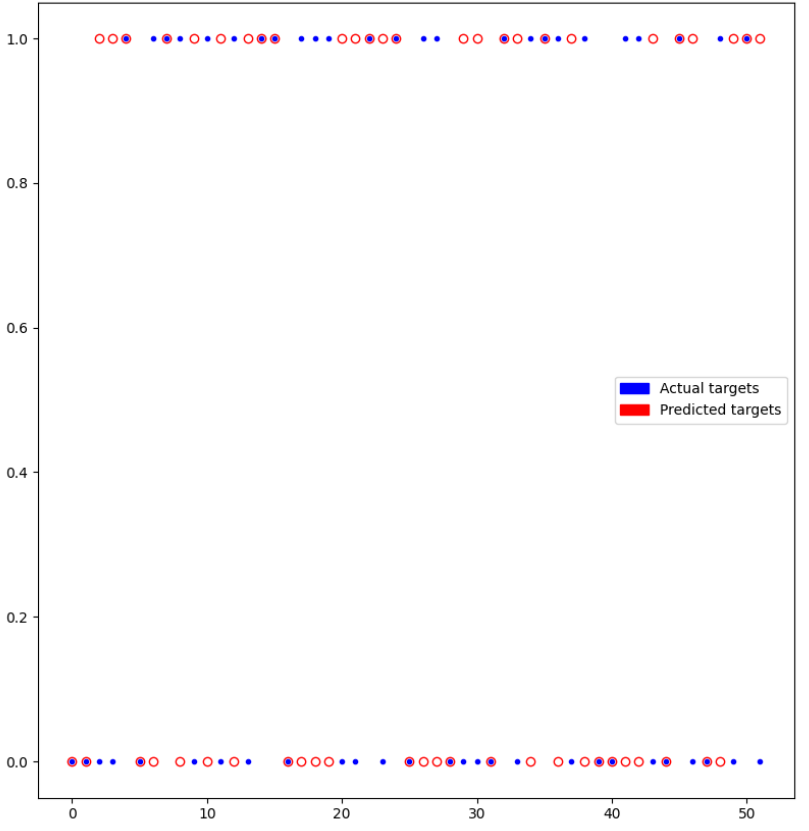


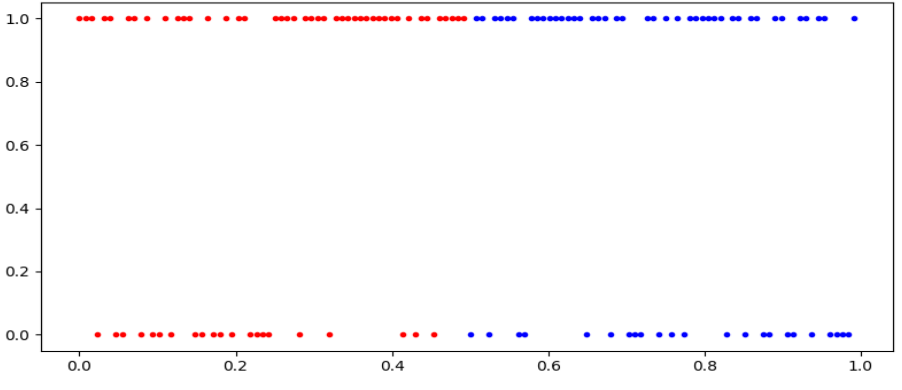




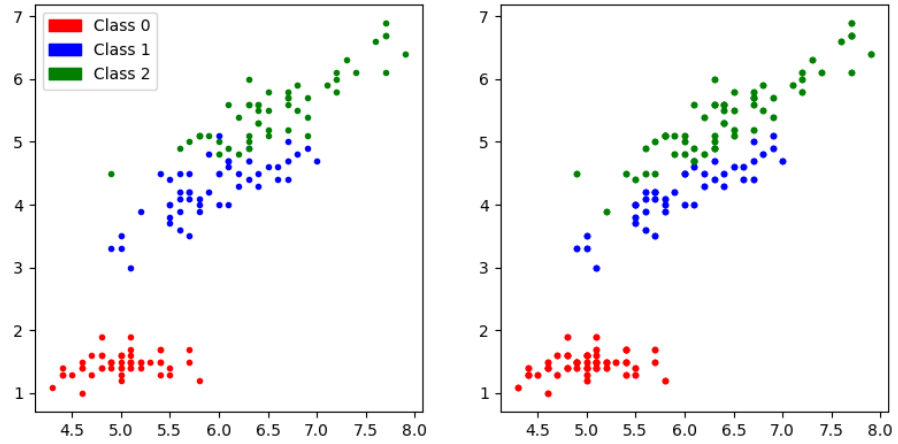
Perceptron xor 3D dataset

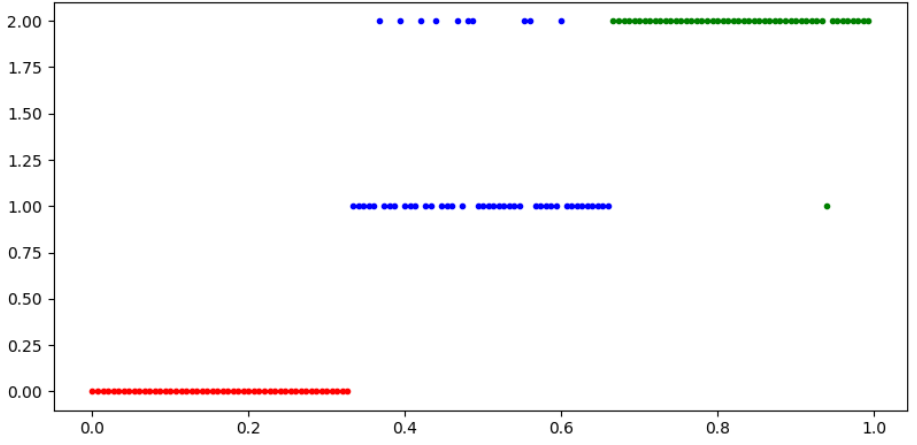


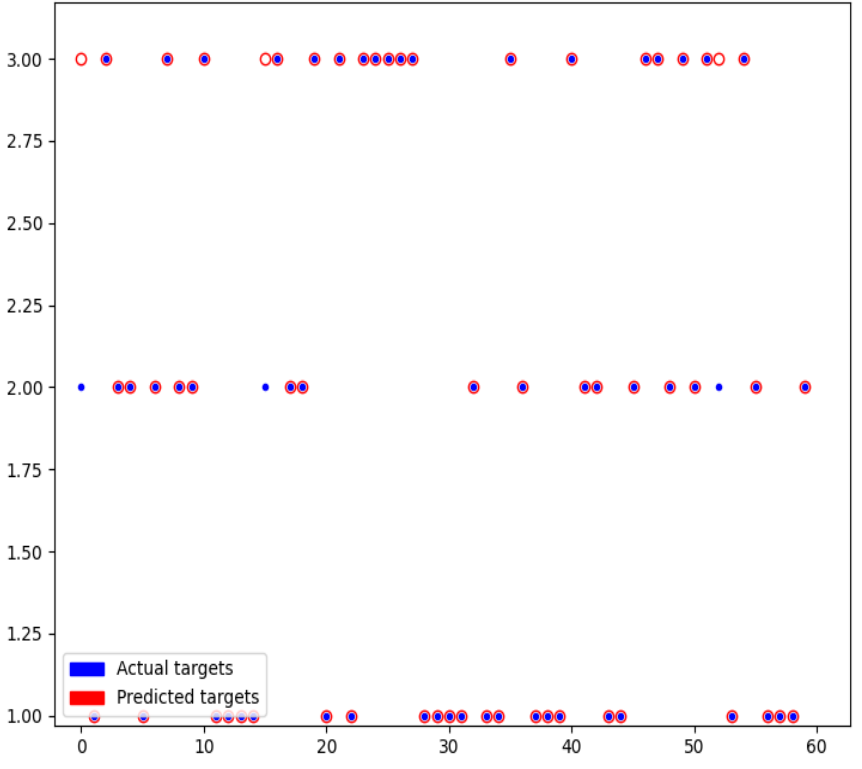




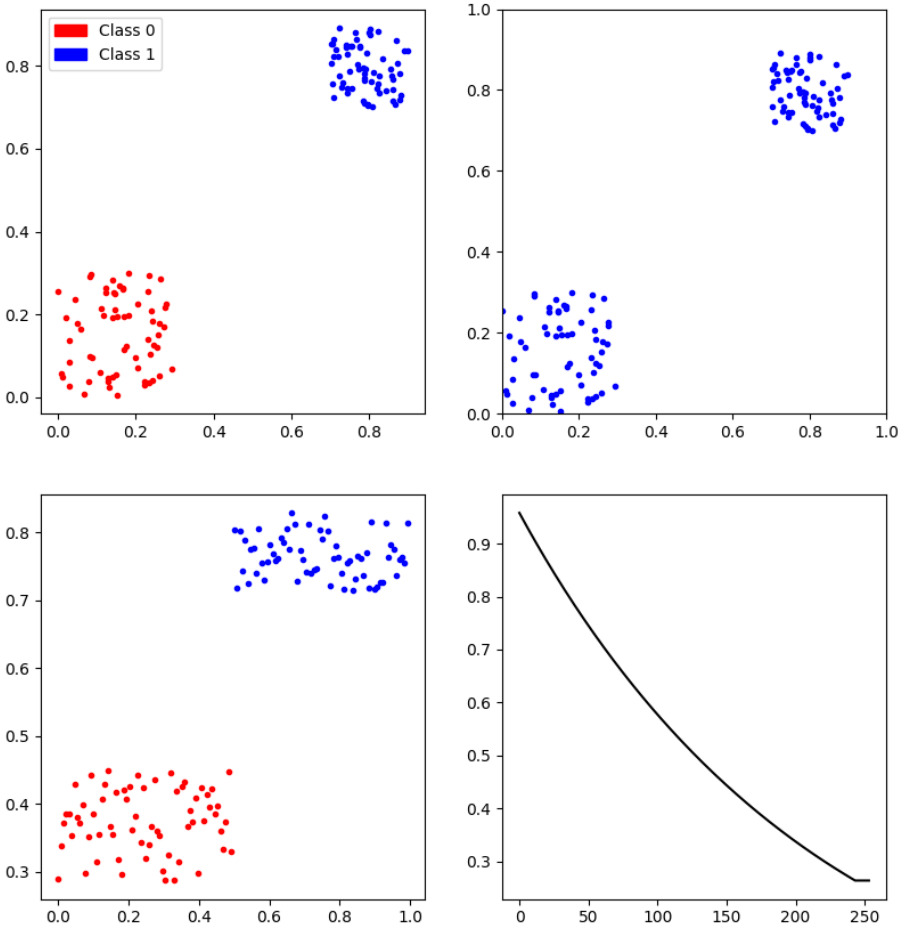
Perceptron Iris dataset



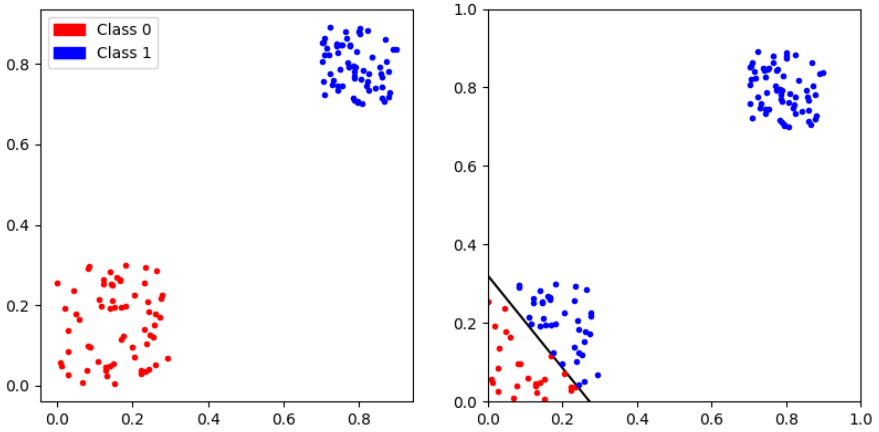


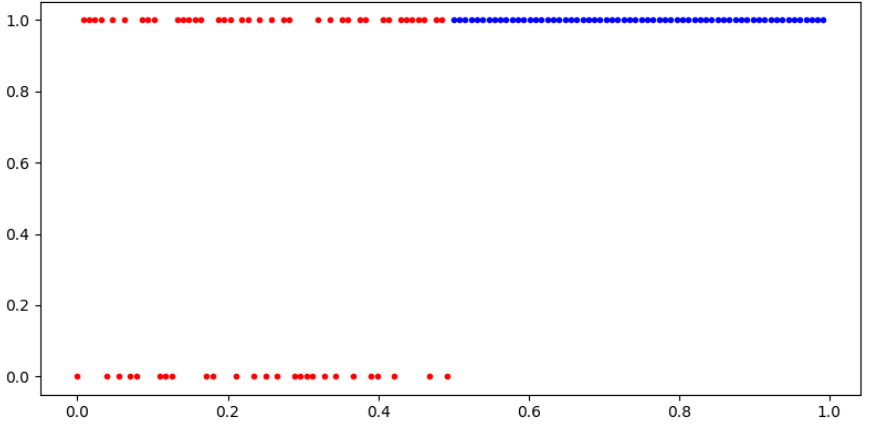


Adaline separable dataset

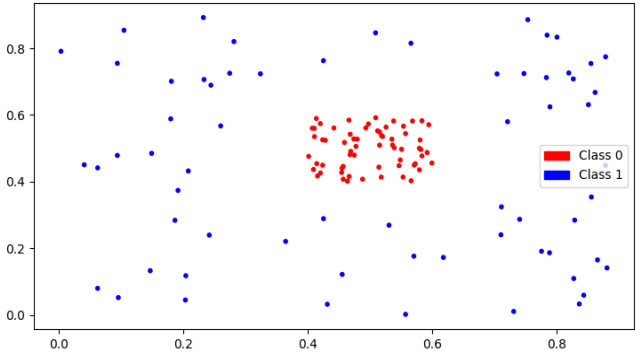


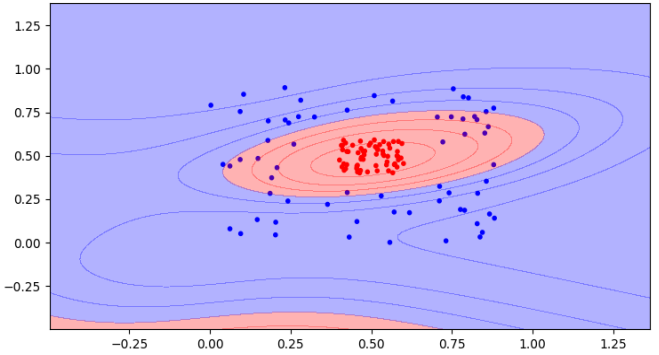
Least Squares separable dataset

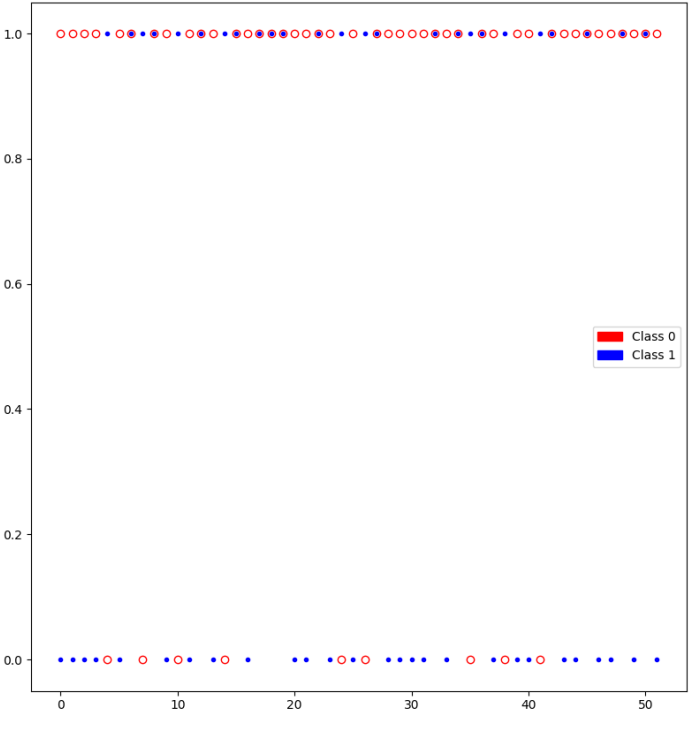


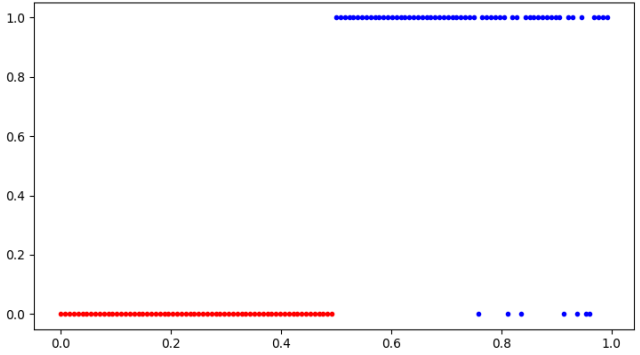


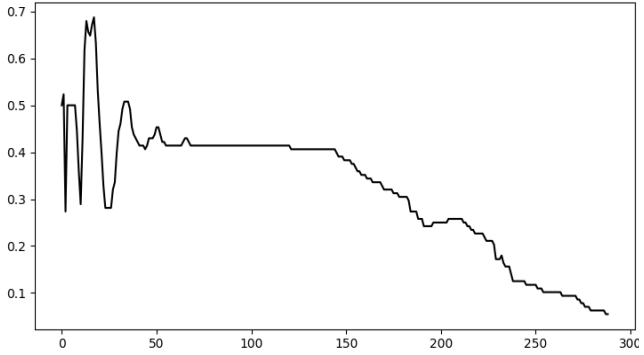
MLP center dataset



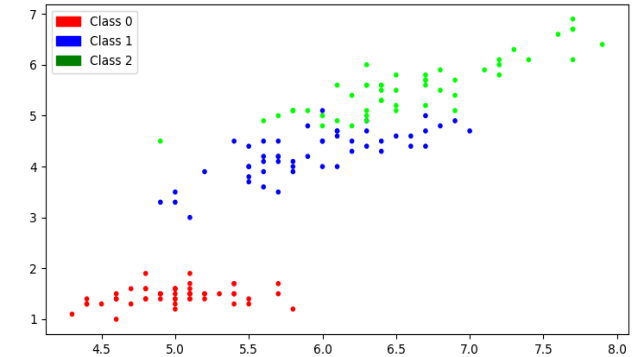


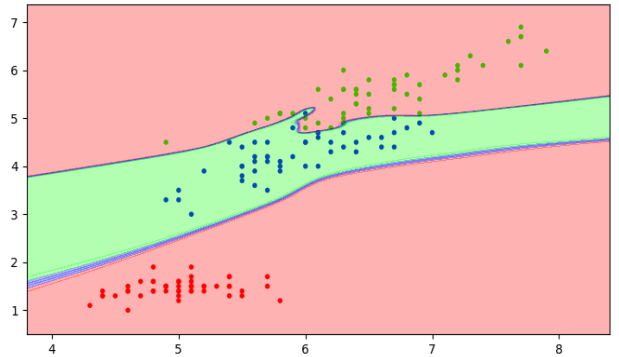


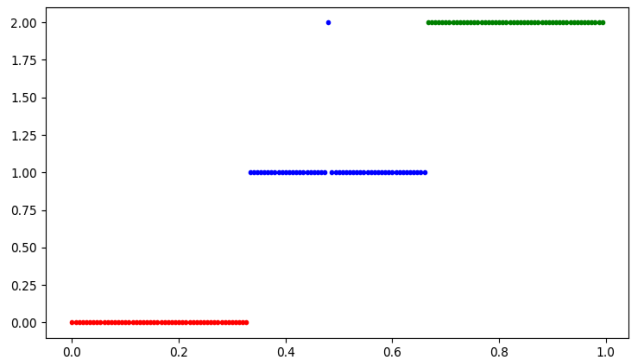


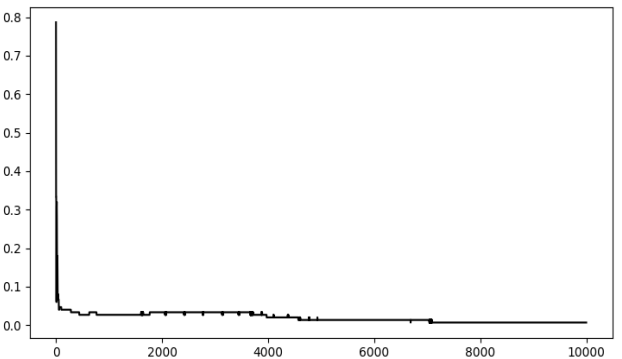


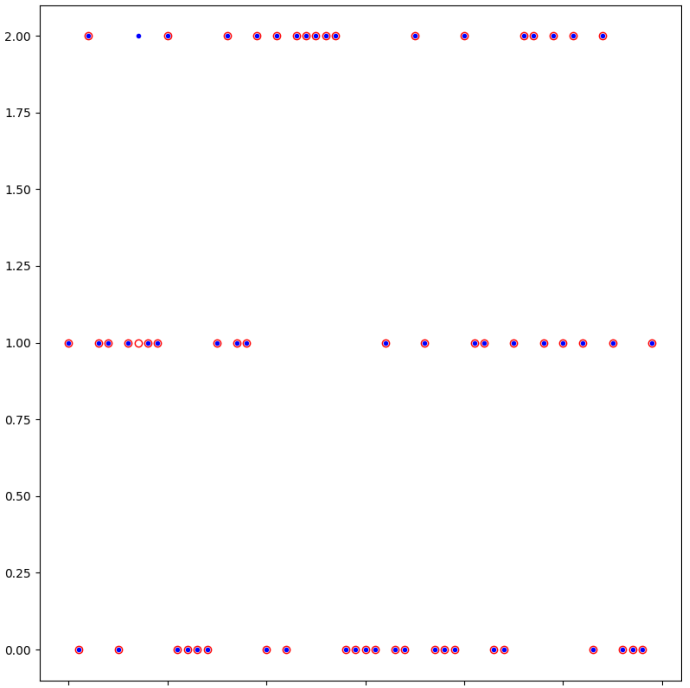
MLP iris dataset



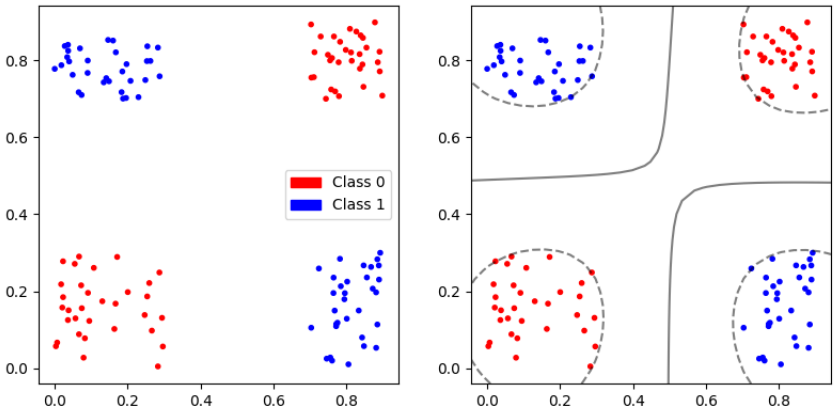


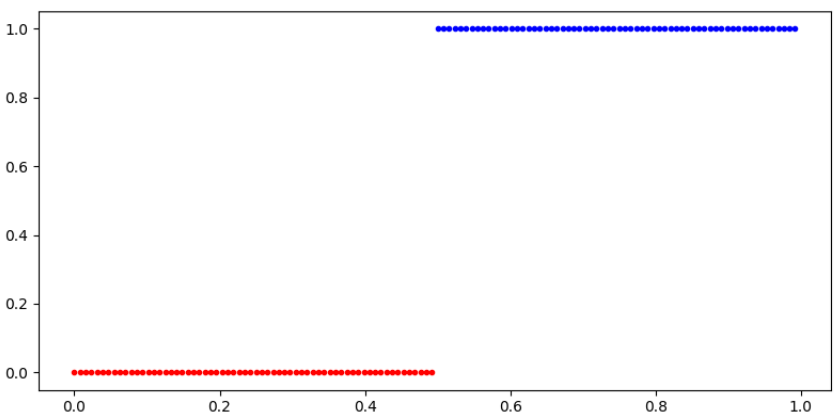


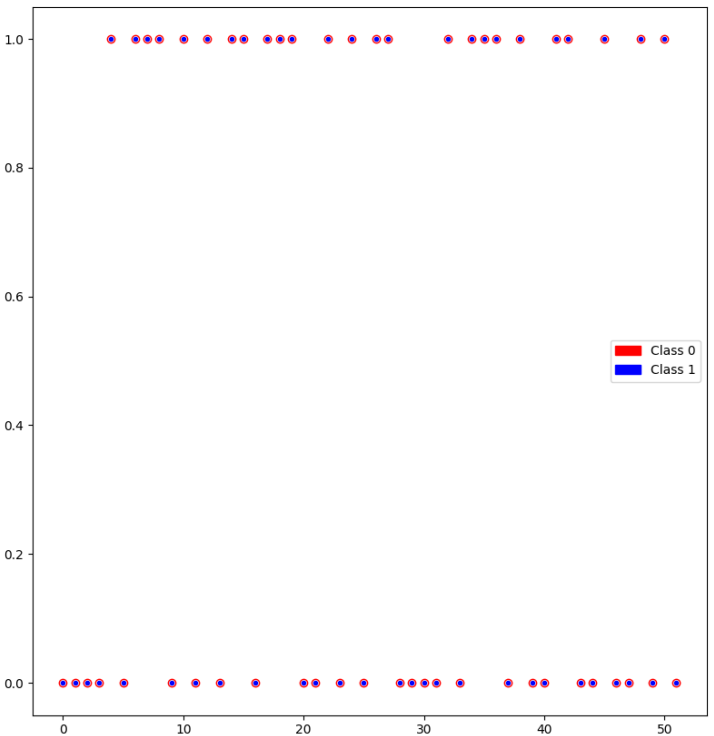




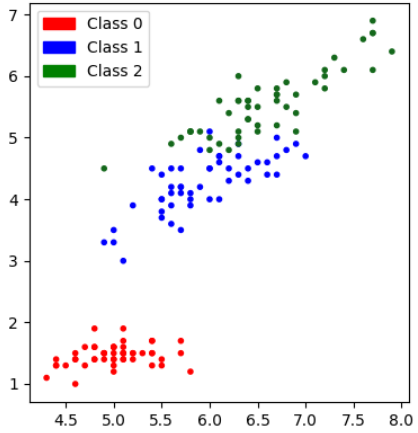
SVM xor dataset

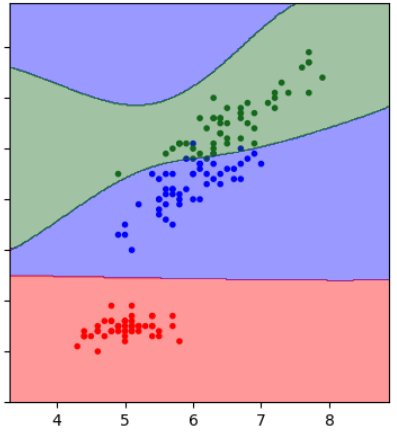


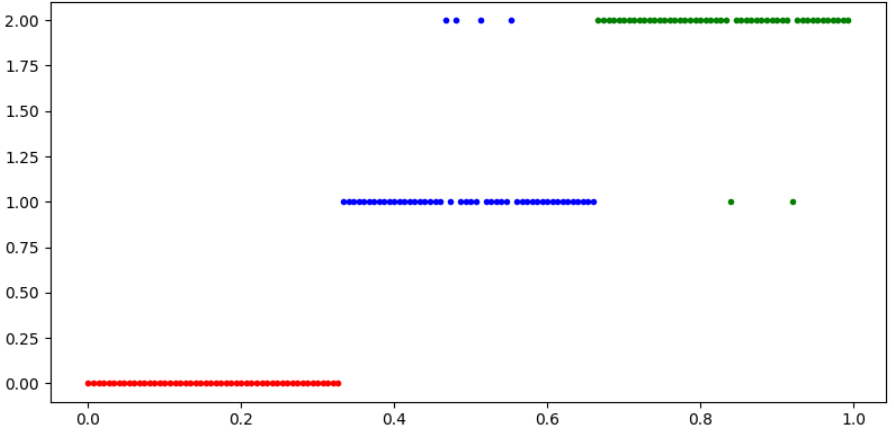


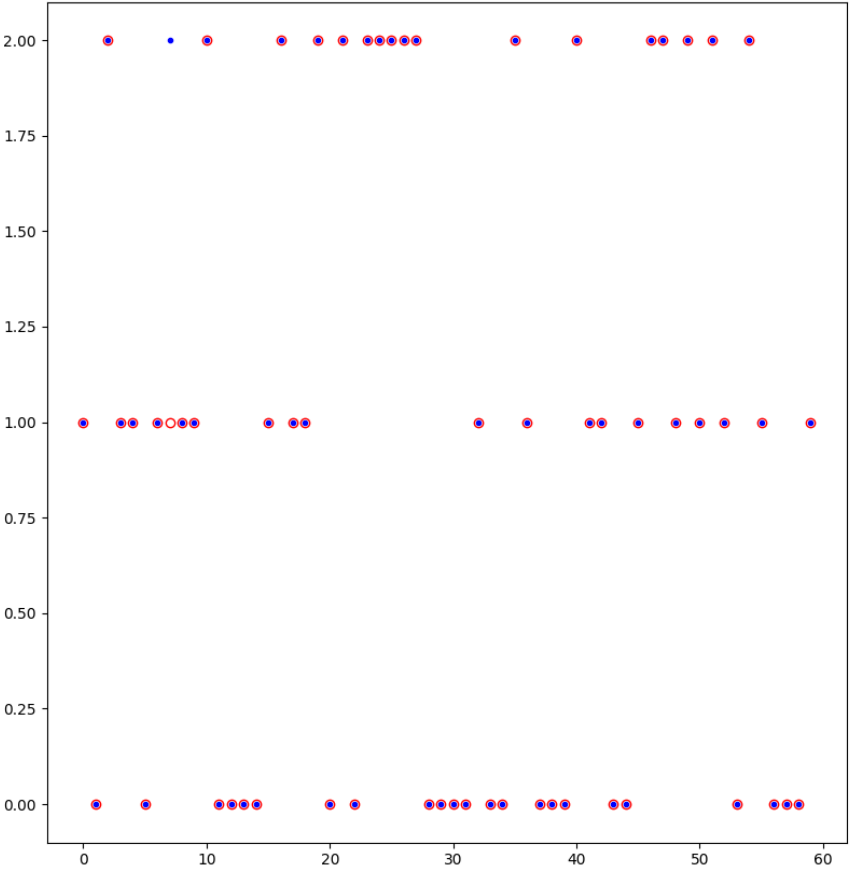


SVM Iris dataset









Hopfield


```
i9 = [-1,-1,-1,-1,-1,-1,-1,
      -1,-1, 1, 1, 1, 1,-1,
      -1, 1,-1,-1,-1, 1,-1,
      -1, 1,-1,-1,-1, 1,-1,
      -1, 1,-1,-1,-1, 1,-1,
      -1, 1, 1,-1, 1, 1,-1,
      -1,-1,-1,-1,-1, 1,-1,
      -1,-1,-1,-1,-1,-1,-1,
      -1,-1,-1,-1,-1, 1,-1,
      -1,-1, 1, 1, 1, 1,-1,
      -1, 1,-1,-1,-1,-1,-1]
i9 = np.array(i9)
```

```
p9 = [-1,-1,-1,-1,-1,-1,-1,
      -1, 1, 1, 1, 1, 1,-1,
      -1, 1,-1,-1,-1, 1,-1,
      -1, 1,-1,-1,-1, 1,-1,
      -1, 1,-1,-1,-1, 1,-1,
      -1, 1, 1, 1, 1, 1,-1,
      -1,-1,-1,-1,-1, 1,-1,
      -1,-1,-1,-1,-1, 1,-1,
      -1,-1,-1,-1,-1, 1,-1,
      -1, 1, 1, 1, 1, 1,-1,
      -1,-1,-1,-1,-1,-1,-1]
p9 = np.array(p9)
```