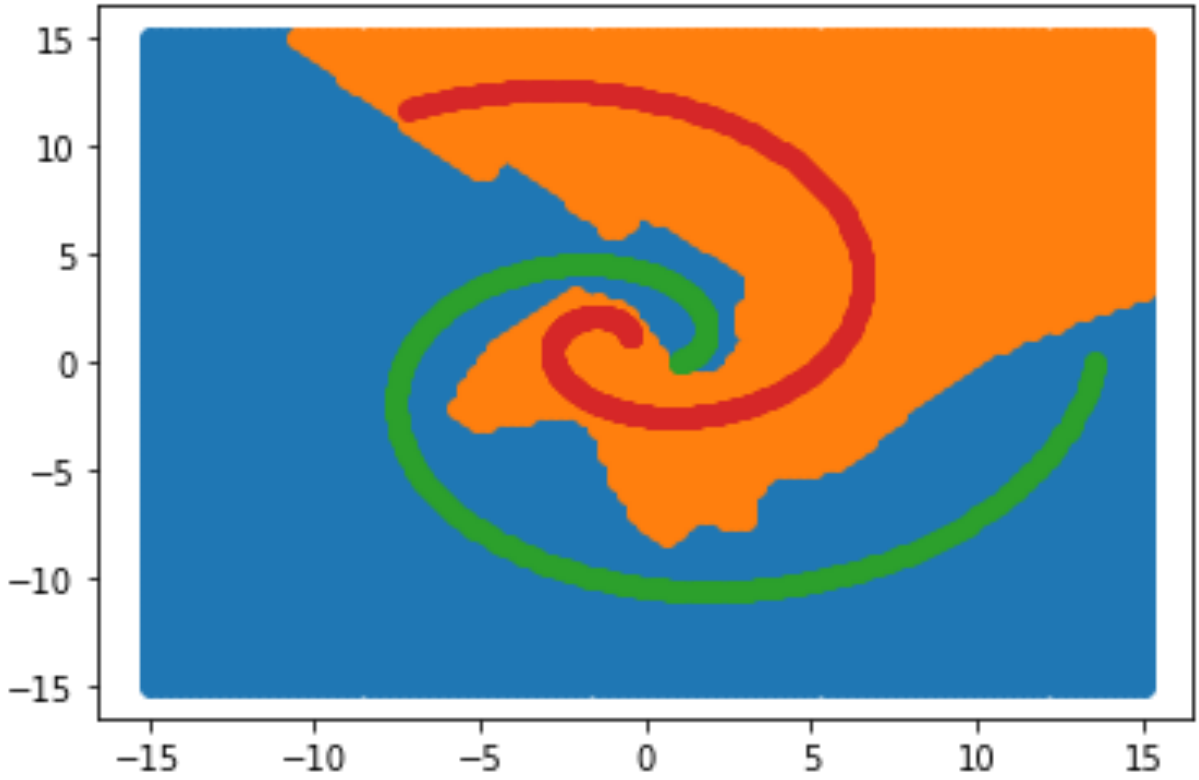
Machine Learning CW3
Report

The number of layers – 4 layers.

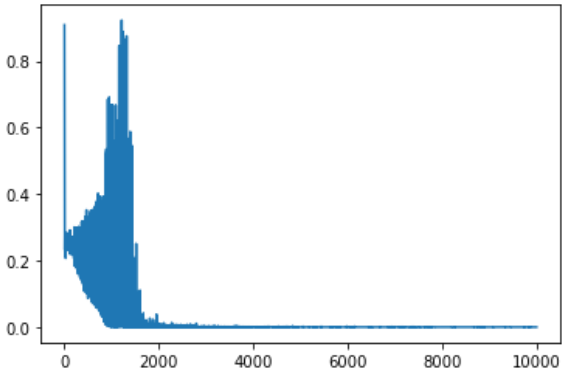
Number of neurons in each layer – 20 in first, 10 in second, 6 in third and one in last-fourth layer

Rate = 0.01, epochs =10 000, Bach size = 1 (Fully Stochastic GD)

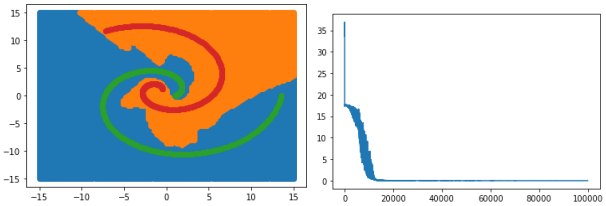
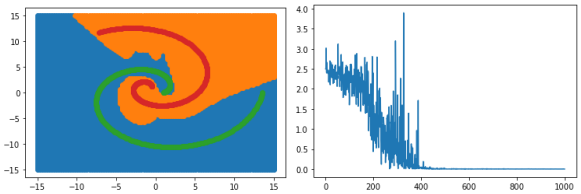
Visualization the outputs of the trained MLP on the test set



Convergence rate by the loss function



Rate = 0.1 , epochs = 100000, Bach size = 70



Rate=1 , epochs =1000, Bach size = 20