

Pattern Recognition

Exercise 2 – Multilayer Perceptron

Parameter ranges used for Cross-Validation:

Learning rates:	{0.1,0.2,...,1.0}
Number of neurons in the hidden layer:	{10,20,...,100}
Number of training epochs:	{100,200.....,1000}

Optimized Parameters:

Learning rate:	0.4
Number of neurons:	50
Training Epochs:	600

Accuracy of cross validation (with 3000 elements): 88.6%