## Pattern Recognition Exercise 2

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- 1 SVM
- 2 MLP
- 2.1 Implementation with standard MATLAB tools
- 2.2 Implementation with NN Toolbox

Search space:

Layer sizes 50 60 70 80 90 100 110 120 130 140 150

learning rates 0.0010 0.0080 0.0150 0.0220 0.0290 0.0360 0.0430 0.0500

Elapsed time is 1557.574358 seconds. Optimal parameters: Learning rate: 0.001000 Number of

hidden units: 140 Classification accuracy: 0.962736