

Raw Data:

test extra set for 5 times

hidden layer [10]

Starting training at time 17:01:14.572000 with 27 inputs, 2 outputs, [10] hidden layers, size of training set 200, and size of test set 758

Finished after 179 iterations at time 17:01:28.593000 with training error 0.001410 and weight change 0.000079

Feed Forward Test correctly classified 744, incorrectly classified 14, test percent error 0.981530

Starting training at time 17:01:28.677000 with 27 inputs, 2 outputs, [10] hidden layers, size of training set 200, and size of test set 758

Finished after 174 iterations at time 17:01:42.289000 with training error 0.001441 and weight change 0.000080

Feed Forward Test correctly classified 740, incorrectly classified 18, test percent error 0.976253

Starting training at time 17:01:42.373000 with 27 inputs, 2 outputs, [10] hidden layers, size of training set 200, and size of test set 758

Finished after 151 iterations at time 17:01:54.012000 with training error 0.003805 and weight change 0.000080

Feed Forward Test correctly classified 744, incorrectly classified 14, test percent error 0.981530

Starting training at time 17:01:54.109000 with 27 inputs, 2 outputs, [10] hidden layers, size of training set 200, and size of test set 758

Finished after 166 iterations at time 17:02:07.111000 with training error 0.001744 and weight change 0.000080

Feed Forward Test correctly classified 728, incorrectly classified 30, test percent error 0.960422

Starting training at time 17:02:07.196000 with 27 inputs, 2 outputs, [10] hidden layers, size of training set 200, and size of test set 758

Finished after 197 iterations at time 17:02:22.553000 with training error 0.001881 and weight change 0.000080

Feed Forward Test correctly classified 741, incorrectly classified 17, test percent error 0.977573

-----Result-----

[0.9815303430079155, 0.9762532981530343, 0.9815303430079155, 0.9604221635883905,
0.9775725593667546]

----- Max -----

0.981530343008

-----Avg -----

0.975461741425

----- Std -----

0.0078093132385