The confusion matrix for problem 3

Input parameters for creating your Confusion Matrix:

Number of nodes in the hidden layer: 5

Learning rate: 0.02

Number of epochs: 500

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | Predicted Class | | | | |
| Digit 1 | Digit 4 | Digit 7 | Digit 8 | Digit 9 |
| Actual Class | Digit 1 | 35 | 1 | 1 | 0 | 3 |
| Digit 4 | 3 | 34 | 2 | 0 | 1 |
| Digit 7 | 3 | 1 | 35 | 0 | 1 |
| Digit 8 | 0 | 1 | 0 | 39 | 0 |
| Digit 9 | 1 | 0 | 0 | 4 | 35 |

Total instances: 200

Correctly classified: 178

Accuracy: 0.89