

NML502 HW #3

Elliot Smith, Eugen Hruska, Warum Suriyanarayana

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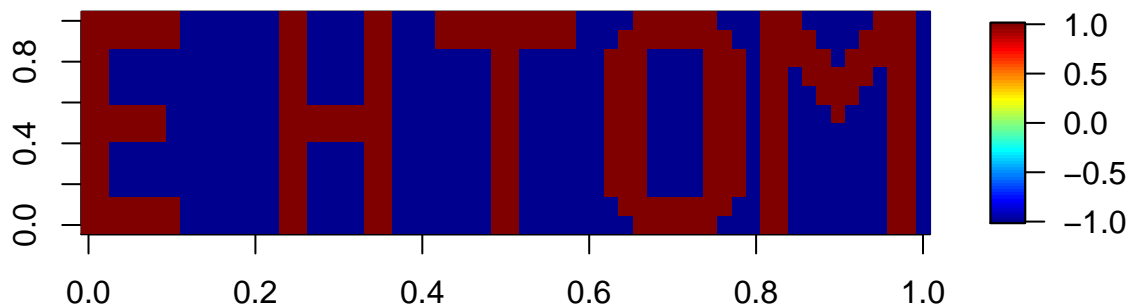
Problem 3

- Learning Rate: 0.001
- Max Number of Learning Steps: 1000
- Error Threshold: 0.0000001
- Error Measure: As defined in errcorr.m

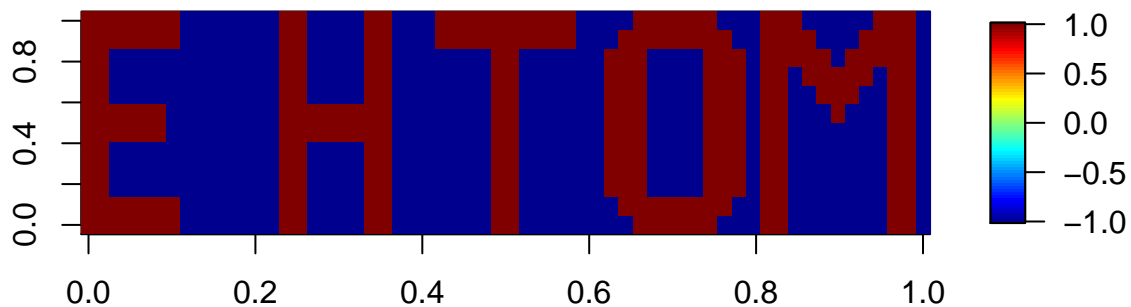
Problem 3a

Recall Accuracy

Original Input and Desired Output



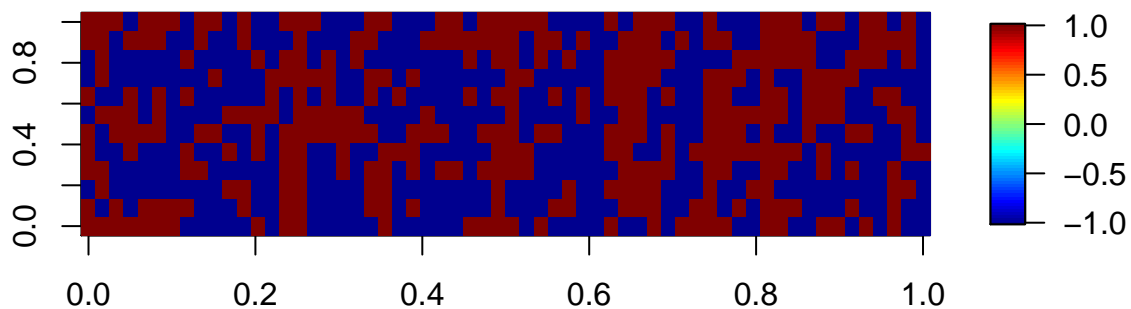
Memory Recall



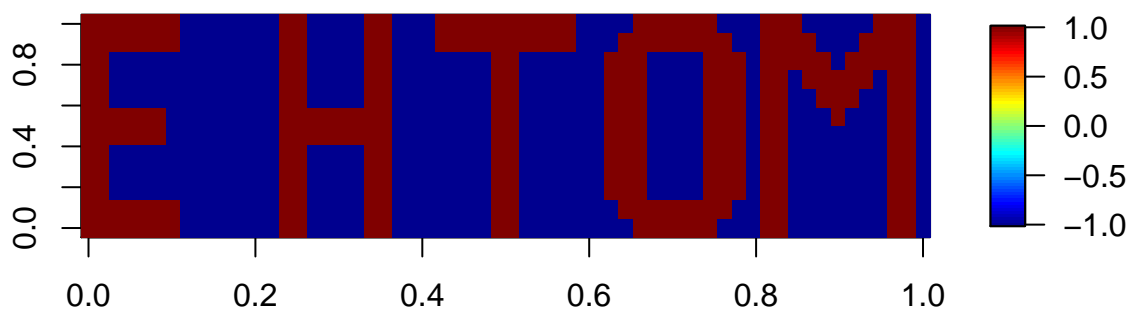
Problem 3b

25% Input Corruption Recall Accuracy

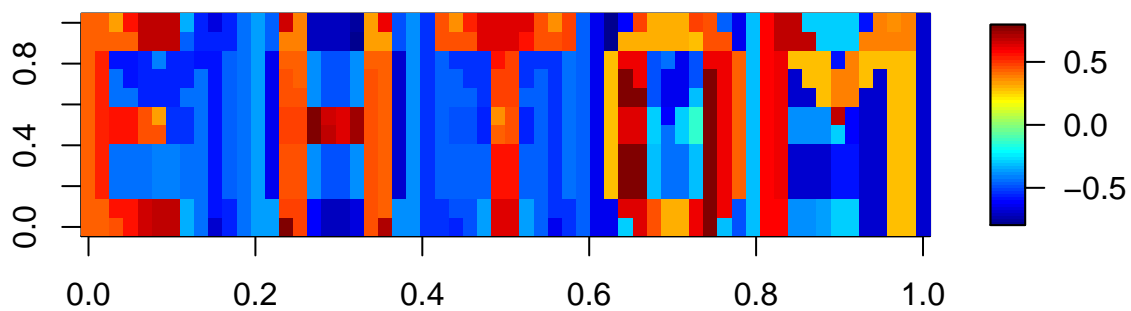
Original Input



Desired Output

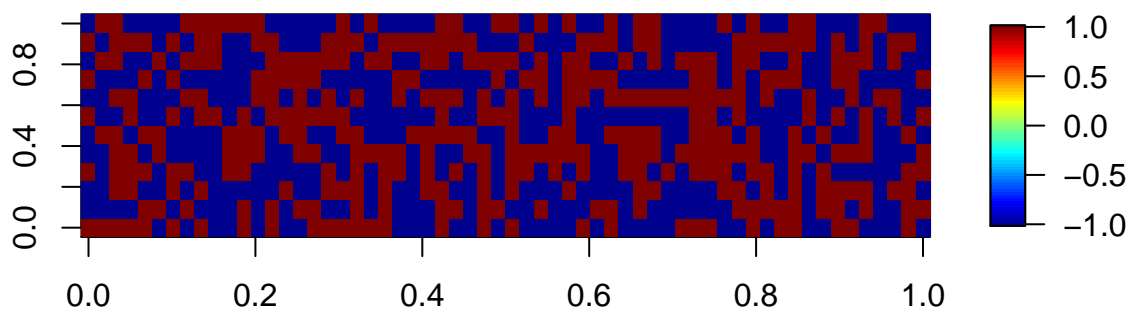


Memory Recall

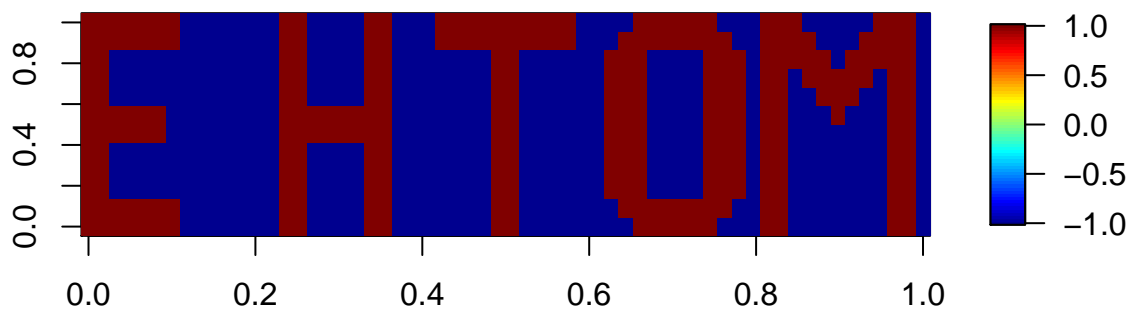


50% Input Corruption Recall Accuracy

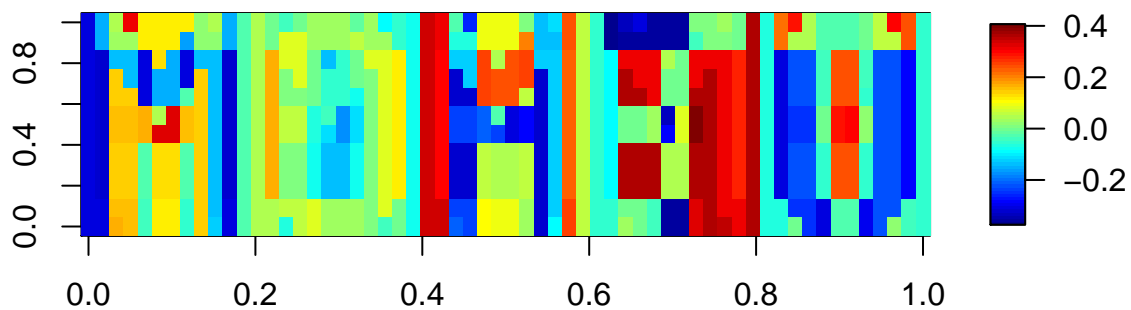
Original Input



Desired Output



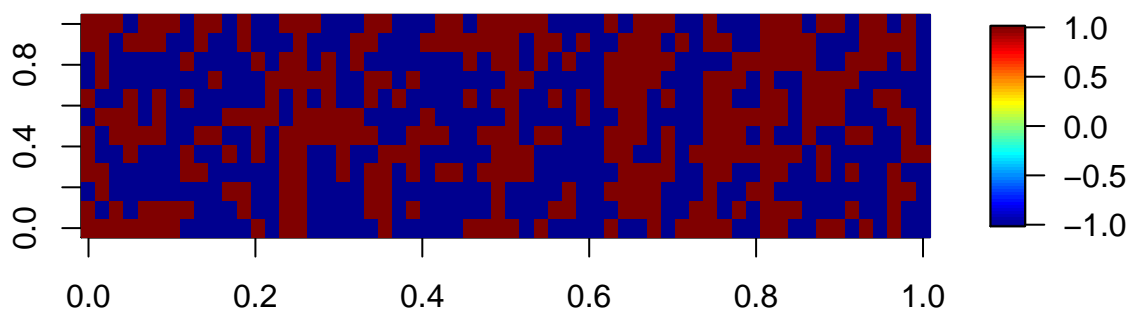
Memory Recall



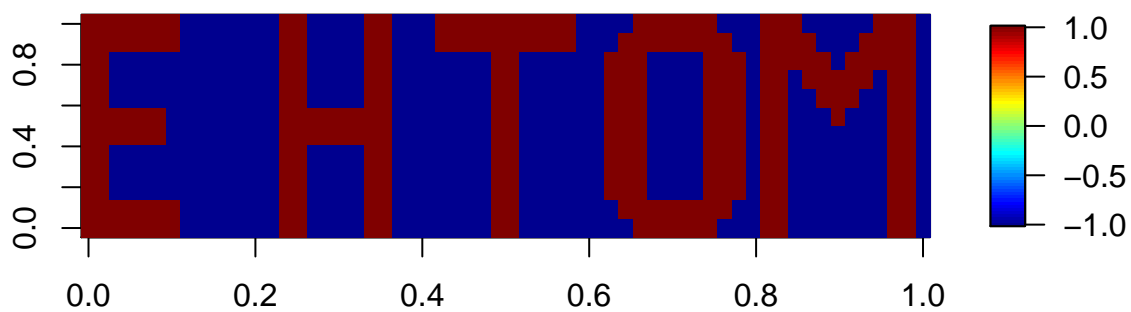
Problem 3c

Corrupted Memory Recall Accuracy

Original Input



Desired Output



Memory Recall

