

NML502 HW #3

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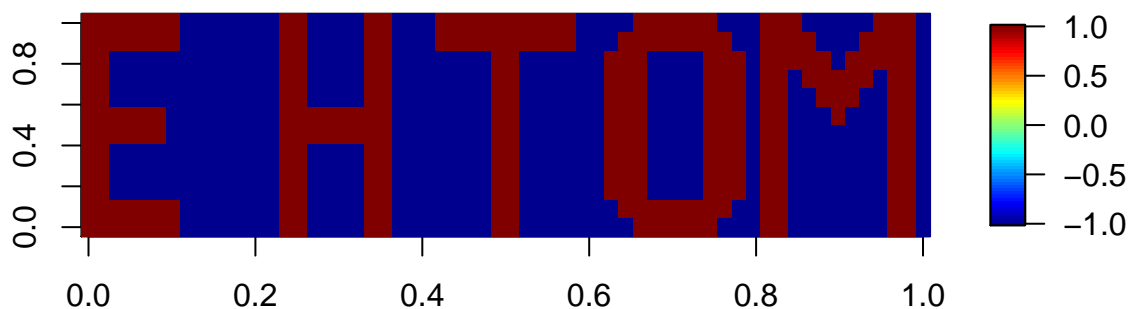
Problem 3

Problem 3a

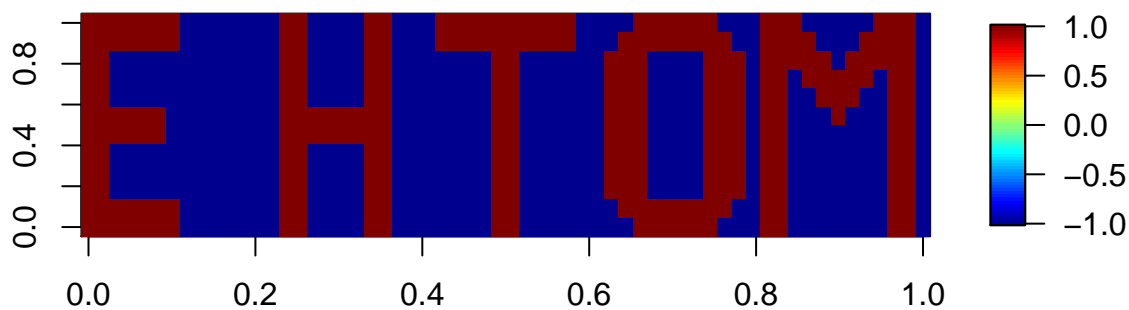
Recall Accuracy

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

Original Input and Desired Output



Memory Recall



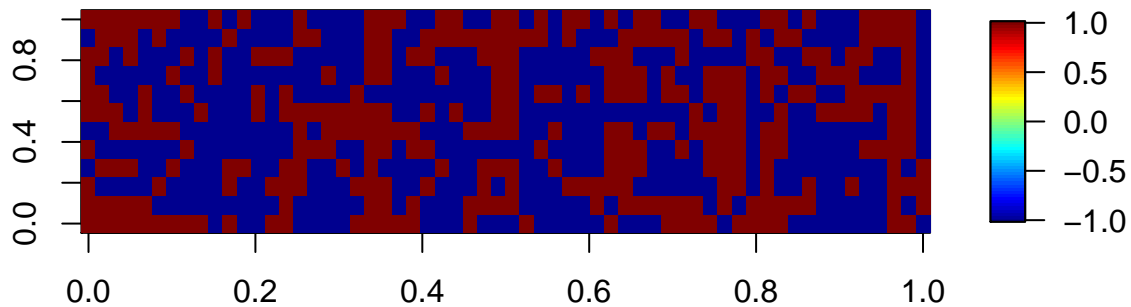
Problem 3b

25% Input Corruption Recall Accuracy

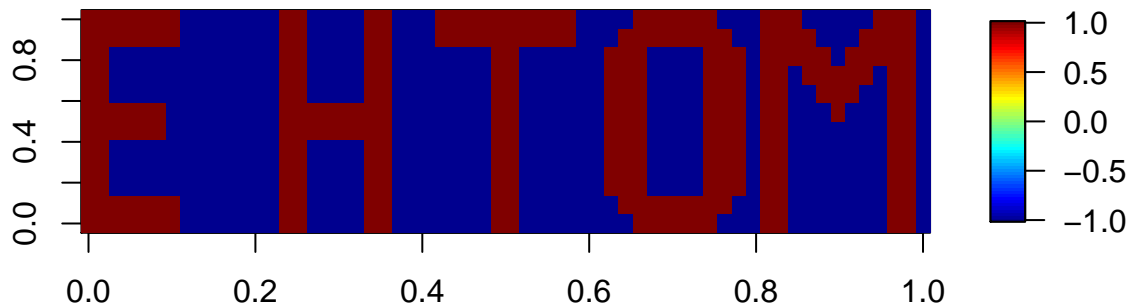
- Learning Rate: 0.001
- Max Number of Learning Steps: 1000

- Error Threshold: 0.0000001
- Error Measure: As defined in errcorr.m

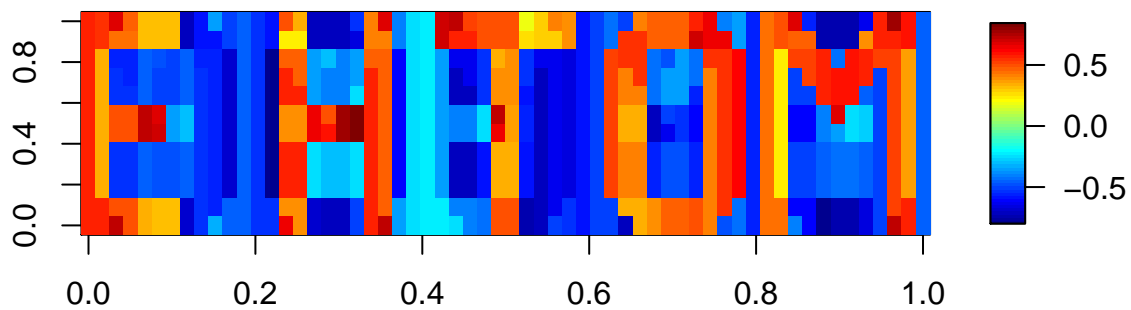
Original Input



Desired Output



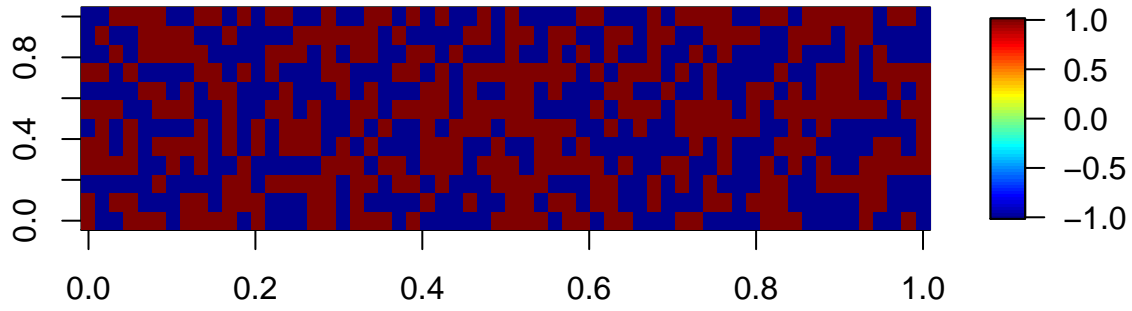
Memory Recall



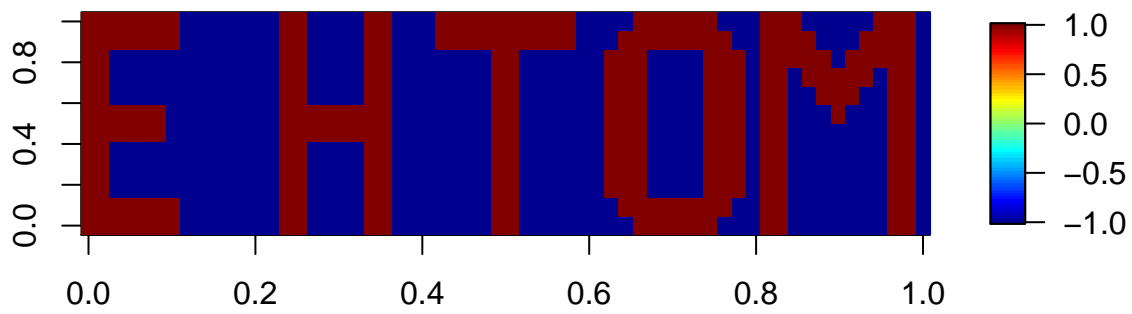
50% Input Corruption Recall Accuracy

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

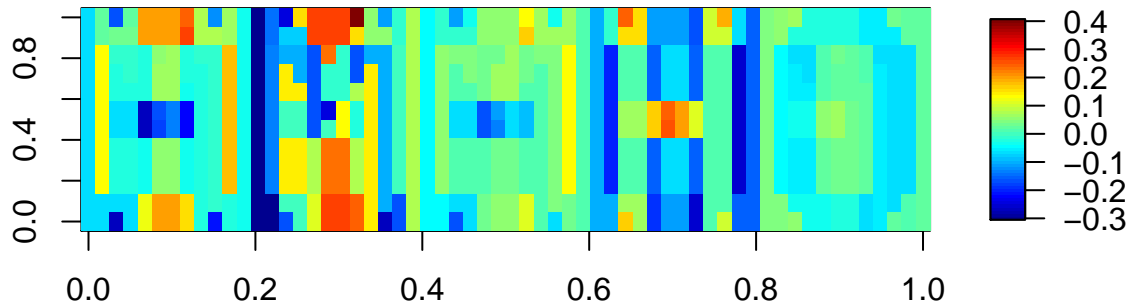
Original Input



Desired Output



Memory Recall

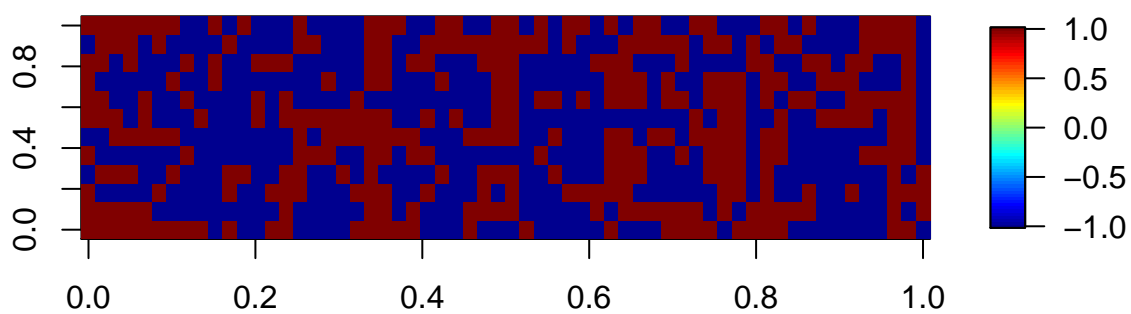


Problem 3c

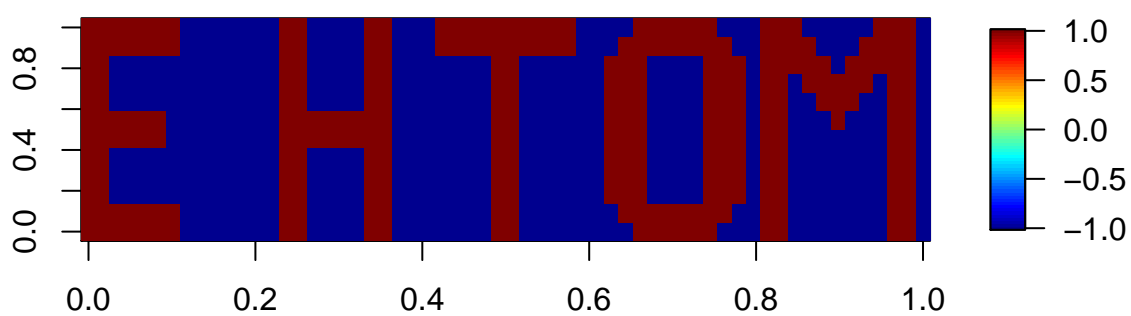
Corrupted Memory Recall Accuracy

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

Original Input



Desired Output



Memory Recall

