

6. Conceptual Questions

Now let's review some concepts involved in training Neural Nets.

Thinking about Network Size

1.0/1.0 point (graded)

What is the danger to having too many hidden units in your network?

☒ It will take up more memory ✓

☒ It may overfit the training data ✓

☒ It will take longer to train ✓



Solution:

All of the choices are true and worth considering before enlarging your network.

Submit

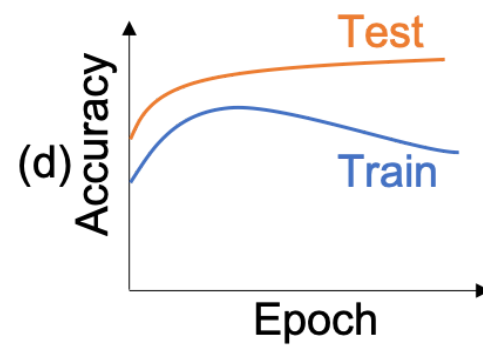
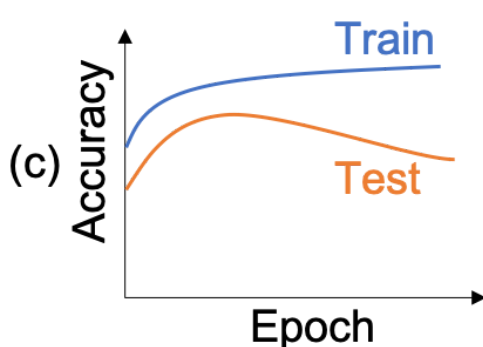
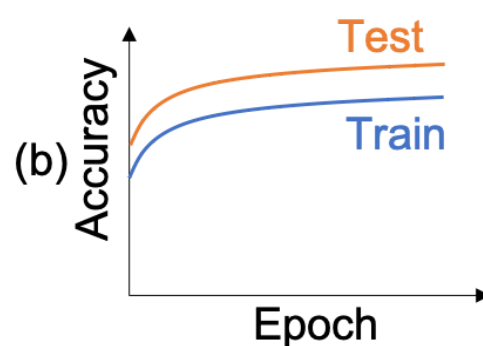
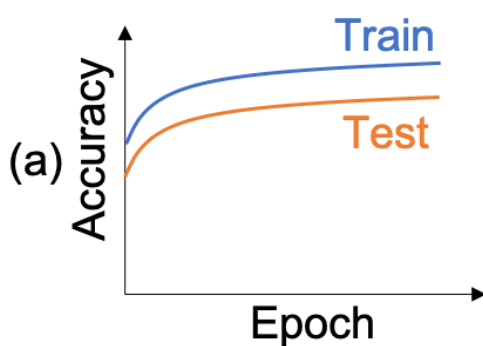
You have used 1 of 2 attempts

i Answers are displayed within the problem

Training and Testing Accuracy Over Time

1.0/1.0 point (graded)

What would happen if you run the code for more epochs in terms of training and testing accuracy? Which of the following should we expect to see?



☐ a

☐ b

☒ c ✓

☐ d

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You have used 1 of 2 attempts

 Answers are displayed within the problem

Discussion

Topic: Unit 3 Neural networks (2.5 weeks):Project 3: Digit recognition (Part 2) / 6. Conceptual Questions

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