My Institution   **Courses**   Community   Content Collection   Support   ~~Server: 03~~   Logout

                                                                                                    BRIAN LOUGHRAN   11 ▾

EN.605.647.83.SP21 Neural Networks   Course Modules   ...   Lectures and Quizzes   Review Test Submission: Quiz 4.2

Review Test Submission: Quiz 4.2

User	BRIAN THOMAS LOUGHRAN
Course	EN.605.647.81.SP21 Neural Networks
Test	Quiz 4.2
Started	2/18/21 7:32 PM
Submitted	2/18/21 7:33 PM
Due Date	2/23/21 11:59 PM
Status	Completed
Attempt Score	2 out of 6 points
Time Elapsed	0 minute
Instructions	In answering the following questions, remember that a statement that is not always true is false!
Results Displayed	Submitted Answers, Feedback, Incorrectly Answered Questions

Question 1   2 out of 2 points

The Method of Steepest Descent always converges to the minimum or maximum.

Selected Answer: False

Question 2   0 out of 2 points

Increasing the value of eta in the Perceptron Delta Function causes the Method of Steepest Descent to converge more quickly.

Selected Answer: True

Response Feedback: The eta values makes it move greater "distances", but that does not mean it will converge quicker. It could end up oscillating.

Question 3   0 out of 2 points

The Method of Steepest Descent eventually converges to the minimum or maximum if enough iterations of the method are used.

Selected Answer: True

Thursday, February 18, 2021 7:33:24 PM EST

← **OK**