



## EN.605.647.83.SP21 Neural Networks

Course Modules ...

Lectures and Quizzes

Review Test Submission: Quiz

6.3

## Review Test Submission: Quiz 6.3

User	BRIAN THOMAS LOUGHRAN
Course	EN.605.647.81.SP21 Neural Networks
Test	Quiz 6.3
Started	3/3/21 7:55 PM
Submitted	3/3/21 7:57 PM
Due Date	3/9/21 11:59 PM
Status	Completed
Attempt Score	5 out of 11 points
Time Elapsed	2 minutes
Instructions	Please take this quiz after viewing the Module 6.3 Recorded Lecture.

Results Displayed Submitted Answers, Feedback, Incorrectly Answered Questions

## Question 1

3 out of 3 points



Genetic algorithms uses the notion of sexual selection to

Selected

Answer:

combine the solutions of two chromosomes in the hopes it produces a superior chromosome.

## Question 2

2 out of 2 points



Mutation operators can select several elements of a chromosome for perturbing their values.

Selected Answer:

True

## Question 3

0 out of 4 points



Fitness values are used to select out the best chromosomes in a population.

Selected

Answer:

The fitness value used in genetic algorithms is not necessarily the same as the objective function in the related optimization problem.

## Question 4

0 out of 2 points



Chromosomes must be translated into gray codes to encode a solution into an appropriate string for genetic algorithms.

Selected Answer: True

Wednesday, March 3, 2021 7:57:48 PM EST

← OK