

Course > Week 10 > Practic... > Q9: Sh...

Q9: Short Answer: Heuristics

Problem 9: Short Answer: Heuristics

Let $(h_1(s))$ be an admissible (A^*) heuristic. Let $(h_2(s) = 2 h_1(s))$. Mark whether each of the following statements is true or false.

Part 1

0.0/2.0 points (ungraded)

The solution found by (A^*) tree search with (h_2) is guaranteed to be an optimal solution.

True● False ✔

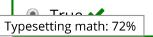
Submit You have used 0 of 1 attempt

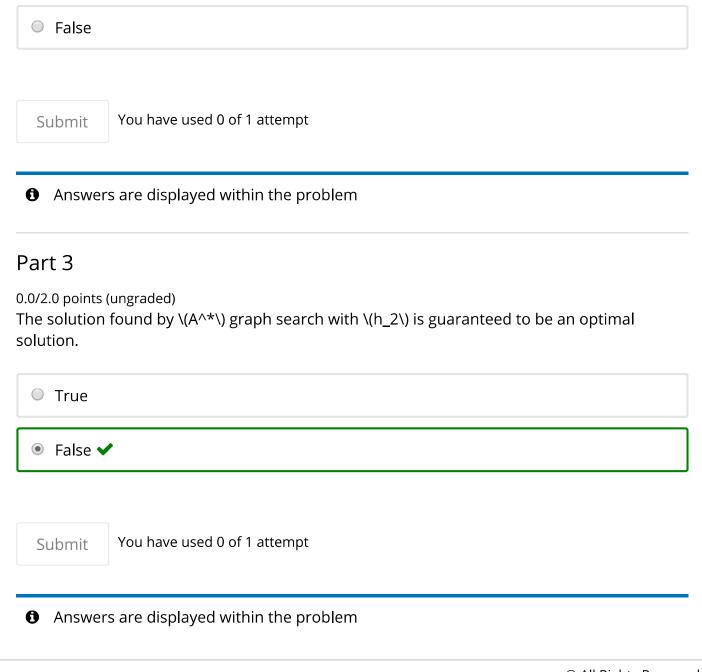
1 Answers are displayed within the problem

Part 2

0.0/2.0 points (ungraded)

The solution found by (A^*) tree search with (h_2) is guaranteed to have a cost at most twice as much as the optimal path.





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