

Artificial Potential Fields

3 questions

1
point

1.

Artificial Potential Fields are designed to (click all that apply):

- ☒ Attract the robot to the goal
 - ☐ Repel the robot from the goal
 - ☐ Attract the robot to obstacles
 - ☒ Repel the robot from obstacles
-

1
point

2.

True or false: the Artificial Potential field method is complete because it will always find a path through space if one exists and report failure if there is no path.

- ☐ True
 - ☒ False
-

1
point

3.

True or false: Artificial Potential Field methods can lead the robot to become stuck at locations other than the desired goal location.

☒ True

☐ False

2 questions unanswered

Submit Quiz

