Robot Localization Simulator



Filesize: 8.26 MB

Reviews

A superior quality pdf along with the font used was intriguing to read through. It can be rally exciting through reading through time period. You may like how the blogger create this book.

(Dr. Rylee Berge)

ROBOT LOCALIZATION SIMULATOR



To save **Robot Localization Simulator** PDF, make sure you refer to the button below and download the document or have access to additional information which are in conjuction with ROBOT LOCALIZATION SIMULATOR book.

GRIN Verlag Jun 2013, 2013. Taschenbuch. Book Condition: Neu. 210x148x3 mm. This item is printed on demand - Print on Demand Neuware - Seminar paper from the year 2012 in the subject Computer Science - Miscellaneous, grade: none, Indian Institute of Technology, Delhi, course: Computer Science and Engineering, language: English, abstract: In this project we explore the various algorithms for the Robot Local ization Problem and build a simulator to visualize the results on various 2D maps. Robot localization is an important problem in robotics. Simply put, the robot localization problem is as follows. A robot is placed at an unknown point inside a simple polygon P. The robot has a map of P and can compute visibility polygon from its current location. The robot must determine its correct location inside the polygon P at a minimum cost of travel distance. We implement an approximation algorithm as given by Apurva Mudgal [2006]. The paper gives an O(log3 n) factor approximation algorithm however our main emphasis is to show the practicality of the algorithm. In this project we are simulating it on different maps without taking time complexity in consideration. Computational Geometry Algorithms Library CGAL has been used for the various computational geometry algorithms. 48 pp. Englisch.



Read Robot Localization Simulator Online

Download PDF Robot Localization Simulator

See Also



[PDF] Psychologisches Testverfahren

Follow the hyperlink listed below to download and read "Psychologisches Testverfahren" file.

Download eBook »



[PDF] Programming in D

Follow the hyperlink listed below to download and read "Programming in D" file.

Download eBook »



[PDF] The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

Follow the hyperlink listed below to download and read "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" file. Download eBook »



[PDF] Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird

Follow the hyperlink listed below to download and read "Tinga Tinga Tales: Why Lion Roars - Read it Yourself with Ladybird" file.

Download eBook »



[PDF] Eagle Song Puffin Chapters

Follow the hyperlink listed below to download and read "Eagle Song Puffin Chapters" file.

Download eBook »



[PDF] Adobe Indesign CS/Cs2 Breakthroughs

Follow the hyperlink listed below to download and read "Adobe Indesign CS/Cs2 Breakthroughs" file.

Download eBook »