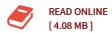




Mobile Robotics for Multidisciplinary Study (Paperback)

By Carolotta Berry

Morgan Claypool Publishers, United States, 2012. Paperback. Condition: New. Language: English . Brand New Book. This lecture provides an introduction to the field of mobile robotics and the intersection between multiple robotics-related disciplines including electrical, mechanical, computer, software engineering and computer science. It is intended for an upper-level undergraduate or first-year graduate students interested in mobile robotics and artificial intelligence with some experience in object-oriented programming and controls. Focus areas will include robotics history, hardware, control and software. Specific topics include robot components, effectors and actuators, locomotion, kinematics, sensors, feedback control, control architectures, representation, navigation, localization and mapping. The end of each chapter includes review questions as well as exercises to provide applications for the concepts as well as opportunities for further study.



Reviews

An incredibly amazing ebook with perfect and lucid answers. It is writter in basic terms and never difficult to understand. Its been written in an exceptionally basic way and it is only right after i finished reading this ebook in which in fact modified me, affect the way i really believe.

-- Beverly Hoppe

Extremely helpful for all class of individuals. Better then never, though i am quite late in start reading this one. I realized this publication from my i and dad suggested this ebook to discover.

-- Adela Schroeder II