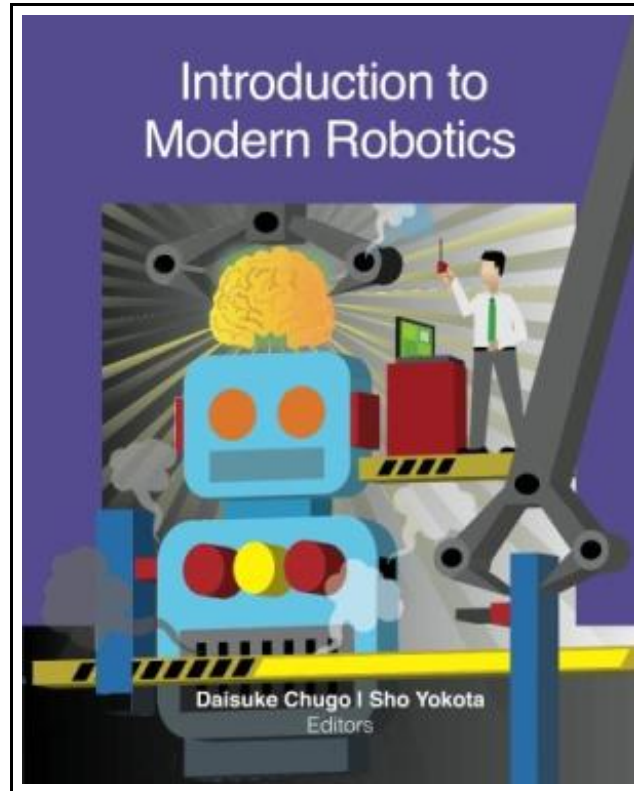


Introduction to Modern Robotics (Paperback)



Filesize: 4.76 MB

Reviews

A whole new eBook with an all new standpoint. It is actually rally fascinating throgh reading through time period. You wont truly feel monotony at anytime of your own time (that's what catalogues are for relating to when you request me).

(Claire Bartell)

INTRODUCTION TO MODERN ROBOTICS (PAPERBACK)



Createspace, United States, 2012. Paperback. Book Condition: New. 252 x 202 mm. Language: English . Brand New Book ***** Print on Demand *****.Introduction to Modern Robotics provides a practical guide about designing, building and programming a modern robotics system. It presents a collection of wide range research results from the robotics community. Chapter 1 presents the development of a connected crawler robot for rough terrain. It specifically focuses on the number of crawler stages should be connected. Chapter 2 shows the design and development process of a humanoid robotic platform that combines power efficiency with flexible and robust motion (such as balancing the need for human-like walking capabilities) without complex computation. Chapter 3 proposes a developmental model for the acquisition of motion in an infant robot by using oscillators. Chapter 4 presents an innovative concept of artificial communication partners with a multi-agent mind model in order for realization of intuitive human-robot interaction. Chapter 5 describes an approach for a robot to self-recognize his/her image on a mirror, an important milestone towards implementing theory of mind on a humanoid robot. Chapter 6 outlines relationships between robotics and software engineering, motivates and illustrates the link between component based software engineering and a service-oriented robotic component model. Chapter 7 explores both the management and the technical aspect of a modern robotic team in the platform of a robot cup competition. Chapter 8 focuses on the methods for evolving a cooperative team for a minimal soccer game by conducting a comparative evaluation of 18 methods, and shows that there are complex correlations among design decisions. Chapter 9 introduces a new coordinative control system for multi-robot system through network software platform. Chapter 10 studies Social Odometry, a new approach to multi-robot localization based on local communication, which confers the robots the possibility to learn from...



[Read Introduction to Modern Robotics \(Paperback\) Online](#)



[Download PDF Introduction to Modern Robotics \(Paperback\)](#)

Related eBooks



A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half (Paperback)

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The ultimate learn-by-doing approachWritten for beginners, useful for experienced developers who want to...

[Save Book »](#)



And You Know You Should Be Glad (Paperback)

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.A highly personal and moving true story of friend-ship and...

[Save Book »](#)



Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)

Createspace, United States, 2010. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.From a certified teacher and founder of an online tutoring website-a simple and...

[Save Book »](#)



How to Make a Free Website for Kids (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Table of Contents Preface Chapter # 1: Benefits of Having a Website Chapter...

[Save Book »](#)



Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Save Book »](#)