



Practical Robot Design: Game Playing Robots

Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon

Download now

[Click here](#) if your download doesn't start automatically

Practical Robot Design: Game Playing Robots

Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon

Practical Robot Design: Game Playing Robots Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon

Designed for beginners, undergraduate students, and robotics enthusiasts, **Practical Robot Design: Game Playing Robots** is a comprehensive guide to the theory, design, and construction of game-playing robots. Drawing on years of robot building and teaching experience, the authors demonstrate the key steps of building a robot from beginning to end, with independent examples for extra modules. Each chapter covers basic theory and key topics, including actuators, sensors, robot vision, and control, with examples and case studies from robotic games. Furthermore, the book discusses the application of AI techniques and provides algorithms, and application examples with MATLAB® code.

The book includes:

- Comprehensive coverage on drive motors and drive motor control
- References to vendor websites as necessary
- Digital control techniques, with a focus on implementation
- Techniques for designing and implementing slightly advanced controllers for pole-balancing robots
- Basic artificial intelligence techniques with examples in MATLAB
- Discussion of the vision systems, sensor systems, and controlling of robots

The result of a summer course for students taking up robotic games as their final-year project, the authors hope that this book will empower readers in terms of the necessary background as well as the understanding of how various engineering fields are amalgamated in robotics.

 [Download Practical Robot Design: Game Playing Robots ...pdf](#)

 [Read Online Practical Robot Design: Game Playing Robots ...pdf](#)

Download and Read Free Online Practical Robot Design: Game Playing Robots Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon

From reader reviews:

Nancy Wiersma:

Reading a e-book can be one of a lot of exercise that everyone in the world likes. Do you like reading book so. There are a lot of reasons why people fantastic. First reading a book will give you a lot of new info. When you read a reserve you will get new information because book is one of various ways to share the information as well as their idea. Second, examining a book will make you more imaginative. When you reading through a book especially tale fantasy book the author will bring you to imagine the story how the character types do it anything. Third, you are able to share your knowledge to other individuals. When you read this Practical Robot Design: Game Playing Robots, it is possible to tells your family, friends and also soon about yours book. Your knowledge can inspire different ones, make them reading a reserve.

Robert Franco:

The actual book Practical Robot Design: Game Playing Robots has a lot associated with on it. So when you check out this book you can get a lot of gain. The book was authored by the very famous author. Tom makes some research just before write this book. This specific book very easy to read you can get the point easily after perusing this book.

Robert Carroll:

This Practical Robot Design: Game Playing Robots is fresh way for you who has attention to look for some information since it relief your hunger of knowledge. Getting deeper you in it getting knowledge more you know or perhaps you who still having bit of digest in reading this Practical Robot Design: Game Playing Robots can be the light food in your case because the information inside this kind of book is easy to get simply by anyone. These books develop itself in the form which is reachable by anyone, sure I mean in the e-book contact form. People who think that in book form make them feel tired even dizzy this book is the answer. So you cannot find any in reading a book especially this one. You can find actually looking for. It should be here for anyone. So , don't miss the item! Just read this e-book sort for your better life along with knowledge.

Darlene Gutierrez:

In this particular era which is the greater person or who has ability in doing something more are more precious than other. Do you want to become considered one of it? It is just simple strategy to have that. What you must do is just spending your time almost no but quite enough to have a look at some books. On the list of books in the top listing in your reading list will be Practical Robot Design: Game Playing Robots. This book that is certainly qualified as The Hungry Hills can get you closer in growing to be precious person. By looking right up and review this reserve you can get many advantages.

**Download and Read Online Practical Robot Design: Game Playing
Robots Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta
Calderon #DNQ8YHLUZ50**

Read Practical Robot Design: Game Playing Robots by Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon for online ebook

Practical Robot Design: Game Playing Robots by Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Practical Robot Design: Game Playing Robots by Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon books to read online.

Online Practical Robot Design: Game Playing Robots by Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon ebook PDF download

Practical Robot Design: Game Playing Robots by Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon Doc

Practical Robot Design: Game Playing Robots by Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon Mobipocket

Practical Robot Design: Game Playing Robots by Jagannathan Kanniah, M. Fikret Ercan, Carlos A. Acosta Calderon EPub