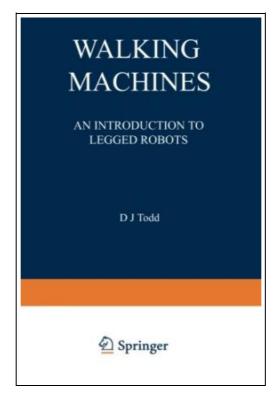
Walking Machines: An Introduction to Legged Robots



Filesize: 5.65 MB

Reviews

This pdf can be worthy of a read, and much better than other. I am quite late in start reading this one, but better then never. Its been printed in an remarkably easy way which is merely following i finished reading this book by which basically changed me, alter the way i think.

(Nedra Kiehn)

WALKING MACHINES: AN INTRODUCTION TO LEGGED ROBOTS



Springer, United States, 2012. Paperback. Book Condition: New. Softcover Reprint of the Origi ed.. 235 x 155 mm. Language: English . Brand New Book ***** Print on Demand *****. The first chapter of this book traces the history of the development of walking machines from the original ideas of man-amplifiers and military rough-ground transport to today s diverse academic and industrial research and development projects. It concludes with a brief account of research on other unusual methods of locomotion. The heart of the book is the next three chapters on the theory and engineering of legged robots. Chapter 2 presents the basics of land loco motion, going on to consider the energetics of legged movement and the description and classification of gaits. Chapter 3, dealing with the mechanics of legged vehicles, goes into leg number and arrangement, and discusses mechanical design and actuation methods. Chapter 4 deals with analysis and control, describing the aims of control theory and the methods of modelling and control which have been used for both highly dynamic robots and multi-legged machines. Having dealt with the theory of control it is necessary to discuss the computing system on which control is to be implemented. This is done in Chapter 5, which covers architectures, sensing, algorithms and pro gramming languages. Chapter 6 brings together the threads of the theory and engineering discussed in earlier chapters and summarizes the current walking machine research projects. Finally, the applications, both actual and potential, of legged locomotion are described. Introduction Research into legged machines is expanding rapidly. There are several reasons why this is happening at this particular time.



Read Walking Machines: An Introduction to Legged Robots Online Download PDF Walking Machines: An Introduction to Legged Robots

See Also



Children's Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...

Download ePub »



Children's Educational Book Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]

 $\label{lem:condition:New.248x170mm.Language:English.Brand New Book***** Print on Demand*****. ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to...$

Download ePub »



California Version of 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. Loose-leaf. Book Condition: New. 10th. 249 x 201 mm. Language: English. Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

Download ePub »



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...

Download ePub »



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

Pearson, United States, 2015. Paperback. Book Condition: New. 10th. 251 x 203 mm. Language: English. Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

Download ePub »



Self Esteem for Women: 10 Principles for Building Self Confidence and How to Be Happy in Life (Free Living, Happy Life, Overcoming Fear, Beauty Secrets, Self Concept)

 $Create space, United States, 2015.\ Paperback.\ Book\ Condition: New.\ 229\ x\ 152\ mm.\ Language: English\ .\ Brand\ New\ Book\ ******\ Print\ on\ Demand\ ******.\ Self\ Esteem\ for\ Women\ 10\ Principles\ for\ building\ self\ confidence\ and\ how\ to$

Read eBook »



Monkeys Learn to Move: Puppet Theater Books Presents Funny Illustrated Bedtime Picture Values Book for Ages 3-8

Createspace, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English. Brand New Book ***** Print on Demand *****. What are the Monkey's up to now? Moving! Monkey's Learn to Move

Read eBook x



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

 $Create space, United States, 2014. \ Paperback. \ Book \ Condition: New. \ 251 \times 178 \ mm. \ Language: English. \ Brand \ New \ Book \ ***** Print on Demand \ *****. The ultimate learn-by-doing approach Written for beginners, useful for experienced developers who want to \ Paperback \ Print \ Print$

Read eBook »



Childrens Book: A Story Book of Friendship (Childrens Books, Kids Books, Books for Kids, Kids Stories, Stories for Kids, Short Stories for Kids, Children Stories, Childrens Stories, Kids Chapter Books, Kids Kindle)

 $Create space, United States, 2015. \ Paperback. \ Book \ Condition: New. \ 229 \ x \ 152 \ mm. \ Language: English \ . \ Brand \ New \ Book \ ***** \ Print \ on \ Demand \ *****. Childrens \ Book \ is \ an incredible story of three friends; Nikky, Sam \ and Shiela$

Read eBook »



MY FIRST BOOK OF ENGLISH GRAMMAR 3 IN 1 NOUNS ADJECTIVES VERBS AGE 5+

EURO KIDS. Paper Back. Book Condition: New. Please note: We do not ship to PO Boxes, please provide us with your complete delivery address.

Read eBook »