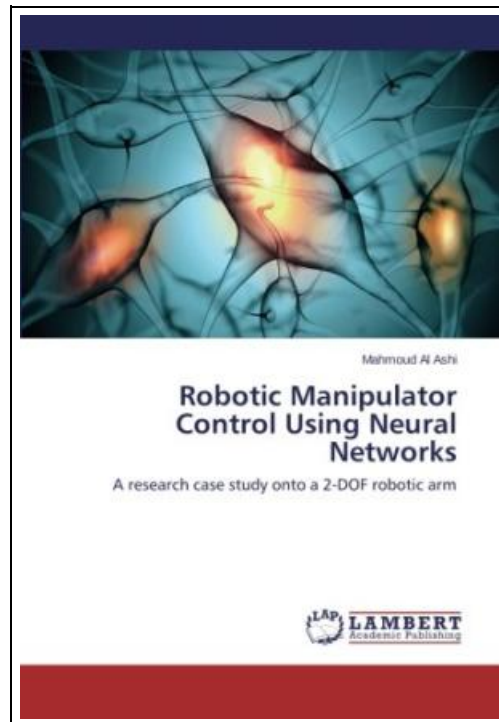


Robotic Manipulator Control Using Neural Networks



Filesize: 1.17 MB

Reviews

This ebook could be worthy of a go through, and a lot better than other. I have study and that i am sure that i will likely to read through yet again once more in the future. I found out this pdf from my i and dad suggested this pdf to discover.
(Lorine Rohan)

ROBOTIC MANIPULATOR CONTROL USING NEURAL NETWORKS

[DOWNLOAD](#)

To save **Robotic Manipulator Control Using Neural Networks** eBook, remember to click the web link under and download the ebook or have accessibility to other information that are highly relevant to ROBOTIC MANIPULATOR CONTROL USING NEURAL NETWORKS book.

Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | A research case study onto a 2-DOF robotic arm | The learning capabilities of artificial neural networks (ANNs) to identify and emulate the behavior of complicated nonlinear systems have made them effective tools that can be utilized in intelligent adaptive control strategies. The use of ANNs in the design of trajectory tracking controllers for robotic manipulators is dated back to the 1980s. Due to the flexibility of their structure as well as the continuous development and enhancement of their self-training algorithms, the use of ANNs in the field of robotic manipulator trajectory tracking control is being considered an important research area. This textbook explains in great detail the process of designing an effective controller to enhance the trajectory tracking performance of a two degree of freedom (2-DOF) robotic arm using neural networks. Feed-forward ANNs were used in both model-based and non-model-based control strategies. Since it also includes a deep explanation of the modeling of the 2-DOF robotic arm system including its actuating DC-motors and their control using a PD controller, this textbook can also serve as an effective educational tool for both undergraduate and graduate electrical engineering students. | Format: Paperback | Language/Sprache: english | 100 pp.

[Read Robotic Manipulator Control Using Neural Networks Online](#)[Download PDF Robotic Manipulator Control Using Neural Networks](#)

Other Books



[PDF] Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story.

Click the web link beneath to download and read "Slave Girl - Return to Hell, Ordinary British Girls are Being Sold into Sex Slavery; I Escaped, But Now I'm Going Back to Help Free Them. This is My True Story." file.

[Download Document »](#)



[PDF] Studyguide for Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade by Joan Packer Isenberg ISBN: 9780131188310

Click the web link beneath to download and read "Studyguide for Creative Thinking and Arts-Based Learning : Preschool Through Fourth Grade by Joan Packer Isenberg ISBN: 9780131188310" file.

[Download Document »](#)



[PDF] Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success

Click the web link beneath to download and read "Six Steps to Inclusive Preschool Curriculum: A UDL-Based Framework for Children's School Success" file.

[Download Document »](#)



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Click the web link beneath to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." file.

[Download Document »](#)



[PDF] Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook

Click the web link beneath to download and read "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook" file.

[Download Document »](#)



[PDF] 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]

Click the web link beneath to download and read "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]" file.

[Download Document »](#)