



Motion Control and Automation Systems Employed in Manufacturing

By Norbert Edomah

GRIN Verlag Aug 2010, 2010. Taschenbuch. Book Condition: Neu. 210x148x5 mm. This item is printed on demand - Print on Demand Neuware - Master's Thesis from the year 2010 in the subject Electrotechnology, Atlantic International University (School of Science and Engineering), course: Systems Engineering, language: English, abstract: Motion control has emerged as one of the most dynamic technologies in manufacturing. The current shift from mechanical control systems towards electronic servo control systems promises to increase process speeds by 50% or more, depending on application. The transfer and assembly lines have had a powerful impact in automating our factories with the primary goal of reduction of labour content while holding on to the financial justification labelled as economy of scale. Motion controllers are components that range from ON/OFF devices with simple linear controllers to complex, user programmable modules that act as controllers within complex integrated multi-axis motion systems. Applications include all types of industrial processing, packaging, and machining/forming operations. This thesis will focus on analysis of basic motion control theory, sensors and actuators used inmotion control, adapting fieldbus technology in motion control systems, and developments, trends and application of motion control technology in different engineering disciplines. 76 pp. Englisch.



Reviews

The publication is not difficult in go through better to comprehend. I could comprehended everything using this created e publication. Its been designed in an exceptionally easy way in fact it is merely soon after i finished reading through this ebook by which basically transformed me, modify the way i really believe.

-- Taylor Gleason

This publication is definitely not effortless to get going on reading but very fun to learn. It really is writter in simple terms rather than difficult to understand. Its been printed in an extremely simple way and it is merely right after i finished reading through this pdf by which basically changed me, alter the way in my opinion.

-- Scotty Paucek

Related Kindle Books



Psychologisches Testverfahren

Reference Series Books LLC Nov 2011, 2011. Taschenbuch. Book Condition: Neu. 249x191x7 mm. This item is printed on demand - Print on Demand Neuware - Quelle: Wikipedia. Seiten: 100. Kapitel: Myers-Briggs-Typindikator, Keirsey Temperament Sorter, DISG, Eignungstest für das Medizinstudium, Adult Attachment Interview,...



Programming in D

Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers who are new to computer programming. Although...



Freight Train (UK ed)

Phoenix Yard Books. Paperback. Book Condition: new. BRAND NEW, Freight Train (UK ed), Donald Crews, Red guard's van at the back. Orange petrol tanker next. Yellow grain hopper.A perfect book for introducing very young children to different colours and the concept of...



Very Short Stories for Children: A Child's Book of Stories for Kids

Paperback. Book Condition: New. This item is printed on demand. Item doesn't include CD/DVD.



Houdini's Gift

Independent Publishers Group (IPG) - Chicago Review Press, 2009. Hardcover. Book Condition: New. Revisiting well-loved characters from a past adventure, this picture book presents animal-loving Ben with the challenge of having another pet after losing his pet hamster. Knowing that Ben is...



Dom's Dragon - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Dom's Dragon - Read it Yourself with Ladybird: Level 2, Mandy Ross, One day, Dom finds a little red egg and soon he is the owner of a friendly dragon called Glow! But...