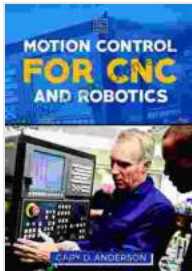


Motion Control for CNC Robotics: A Practical Guide for the Industrial Technician

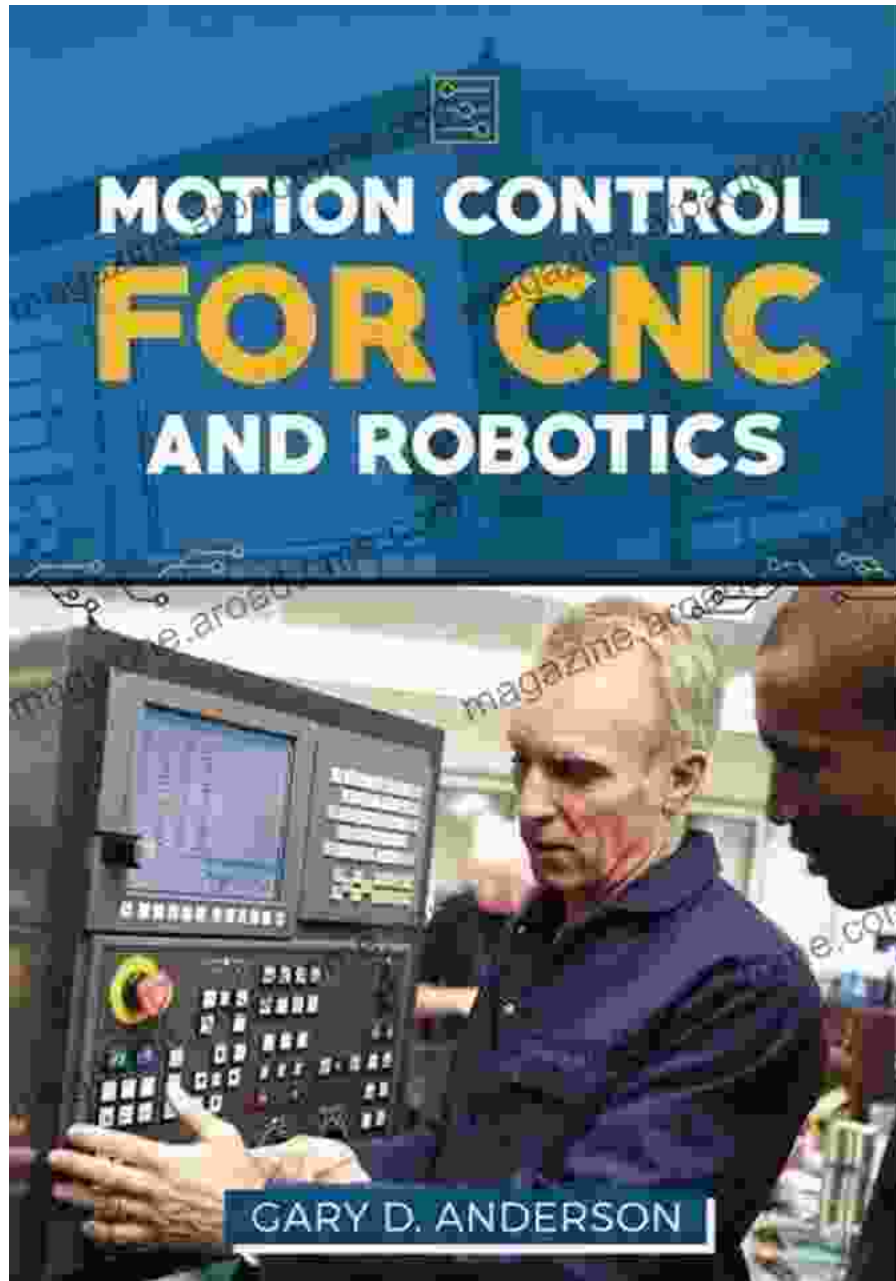


Motion Control for CNC & Robotics (Practical Guide for the Industrial Technician Book 1)

★★★★☆ 4 out of 5

Language : English
File size : 3166 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Print length : 59 pages
Lending : Enabled
Screen Reader : Supported





Overview

Motion Control for CNC Robotics is a comprehensive guide to the theory and implementation of motion control systems for CNC robots. This book covers all aspects of motion control, from the basics of servo motors and drives to the advanced topics of PID control and trajectory planning.

The book is written in a clear and concise style, with plenty of illustrations and examples to help the reader understand the concepts. It is also packed with practical advice and troubleshooting tips, making it an invaluable resource for industrial technicians and engineers who want to learn about motion control.

Topics Covered

- to motion control
- Servo motors and drives
- PID control
- Trajectory planning
- Motion control hardware and software
- Troubleshooting motion control systems

Audience

Motion Control for CNC Robotics is intended for industrial technicians and engineers who want to learn about the theory and implementation of motion control systems. The book is also suitable for students in engineering and technology programs.

Benefits

- Learn the basics of motion control
- Understand how to select and size servo motors and drives
- Master the principles of PID control
- Learn how to plan and execute trajectories

- Gain the skills needed to troubleshoot motion control systems

Author

Motion Control for CNC Robotics was written by John Park, a leading expert in motion control. Park has over 25 years of experience in the field, and he has written several other books on motion control and robotics.

Reviews

"Motion Control for CNC Robotics is a comprehensive and well-written guide to the theory and implementation of motion control systems. It is a valuable resource for industrial technicians and engineers who want to learn about this important topic." - Dr. Robert Bishop, Professor of Mechanical Engineering, University of California, Berkeley

"Motion Control for CNC Robotics is a must-have book for anyone who wants to learn about the theory and practice of motion control. It is packed with valuable information and insights, and it is written in a clear and concise style." - Mr. David Giddings, Senior Engineer, Boeing

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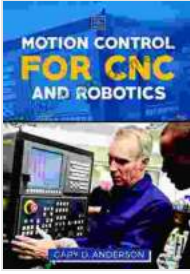
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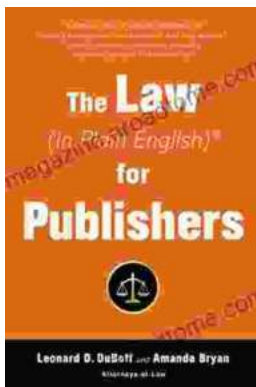


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