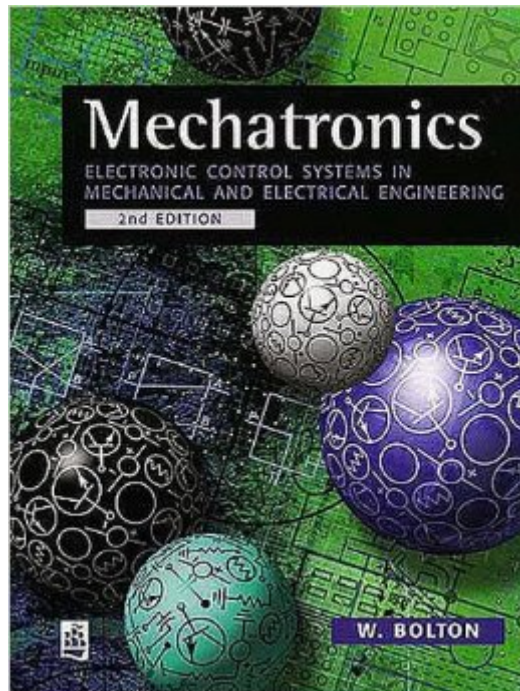


The book was found

Mechatronics: Electronic Control Systems In Mechanical Engineering (2nd Edition)



Synopsis

This book provides a clear and comprehensive introduction to the application of electronic control systems in mechanical and electrical engineering. It gives a framework of knowledge that allows engineers and technicians to develop an interdisciplinary understanding and integrated approach to engineering. This second edition has been updated and expanded to provide greater depth of coverage. It is split into five main sections: basic system elements, actuation, system models, basic digital principles, and microprocessor systems. It concludes with a chapter on design, design solutions and case studies. "Mechatronics" is essential reading for all HNC/HND and undergraduate students studying mechatronics. It covers the BTEC Mechatronics A and B Units (1413G and 1414G) and also provides the depth of coverage required for undergraduate courses.

Book Information

Textbook Binding: 390 pages

Publisher: Prentice Hall; 2 Sub edition (December 1, 1998)

Language: English

ISBN-10: 0582357055

ISBN-13: 978-0582357051

Product Dimensions: 9.7 x 7.7 x 1.1 inches

Shipping Weight: 2.1 pounds

Average Customer Review: 2.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #1,979,788 in Books (See Top 100 in Books) #140 inÂ Books > Computers & Technology > Hardware & DIY > Microprocessors & System Design > Control Systems #549 inÂ Books > Textbooks > Engineering > Electrical & Electronic Engineering #2895 inÂ Books > Textbooks > Engineering > Mechanical Engineering

Customer Reviews

This book is flawed, even in its second editon, due to typos and outright errors in some places. Chapter 14 dealing with digital logic has a noticable error for the exclusive or operation: $A \text{ XOR } B = A \text{ OR } \text{Not}(B)$. This is not correct! I lose faith in a textbook when I see things like this!!!

[Download to continue reading...](#)

Mechatronics: Electronic Control Systems in Mechanical Engineering (2nd Edition) Code Check Plumbing & Mechanical 4th Edition: An Illustrated Guide to the Plumbing and Mechanical Codes (Code Check Plumbing & Mechanical: An Illustrated Guide) Shigley's Mechanical Engineering

Design (McGraw-Hill Series in Mechanical Engineering) Mechanical Engineering Design
(McGraw-Hill Mechanical Engineering) PE Mechanical Engineering: Mechanical Systems and
Materials Practice Exam Control Engineering, 2nd Edition (Tutorial Guides in Electronic
Engineering) Mobile Robotics for Multidisciplinary Study (Synthesis Lectures on Control and
Mechatronics) The Mechanical Design Process (Mcgraw-Hill Series in Mechanical Engineering)
Fundamentals of Mechanical Vibrations: IBM PC 3.5 Version (Mcgraw Hill Series in Mechanical
Engineering) Electrical Control of Fluid Power: Electric and Electronic Control of Hydraulic & Air
Systems Embedded Computing and Mechatronics with the PIC32 Microcontroller Mechatronics for
Beginners: 21 Projects for PIC Microcontrollers Mechatronics: A Foundation Course Vehicle
Dynamics, Stability, and Control, Second Edition (Mechanical Engineering) Lyapunov Matrix
Equation in System Stability and Control (Dover Civil and Mechanical Engineering) Handbook of
Networked and Embedded Control Systems (Control Engineering) Power Electronic Converters
Modeling and Control: with Case Studies (Advanced Textbooks in Control and Signal Processing)
Fundamentals of Air Pollution Engineering (Dover Civil and Mechanical Engineering) Flow-Induced
Vibrations: An Engineering Guide (Dover Civil and Mechanical Engineering) Modal Testing, Theory,
Practice, and Application (Mechanical Engineering Research Studies: Engineering Dynamics
Series)

[Dmca](#)