



Mechatronics: Electronic Control Systems in Mechanical and Electrical Engineering (3rd Edition)

By *W. Bolton*

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The integration of electronic engineering, electrical engineering, computer technology and control engineering - mechatronics - forms a crucial part in the design, manufacture and maintenance of a wide range of engineering products and processes. 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.

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Editorial Review

From the Back Cover

The integration of electronic engineering, electrical engineering, computer technology and control engineering - mechatronics - forms a crucial part in the design, manufacture and maintenance of a wide range of engineering products and processes. 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. Key features of the third edition

- provides the mix of skills in mechanical engineering, electronics and computing which are required for students to be able to comprehend and design mechatronics systems
- enables students to operate and communicate across a range of engineering disciplines
- more discussion of microcontrollers and programming
- increased use of models for mechatronics systems
- numerous examples and case studies
- end-of-chapter problems with answers at the back of the book

Mechatronics is essential reading for students studying mechatronics at higher diploma and undergraduate level. Bill Bolton was formally Consultant to the Further Education Unit and Head of Research and Development and Monitoring at BTEC. He is the author of many engineering textbooks.

Users Review

From reader reviews:

David Busby:

This book entitled Mechatronics: Electronic Control Systems in Mechanical and Electrical Engineering (3rd Edition) to be one of several books that will best seller in this year, that's because when you read this e-book you can get a lot of benefit on it. You will easily to buy this particular book in the book shop or you can order it by means of online. The publisher with this book sells the e-book too. It makes you easier to read this book, since you can read this book in your Mobile phone. So there is no reason for your requirements to past this book from your list.

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Terry White:

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