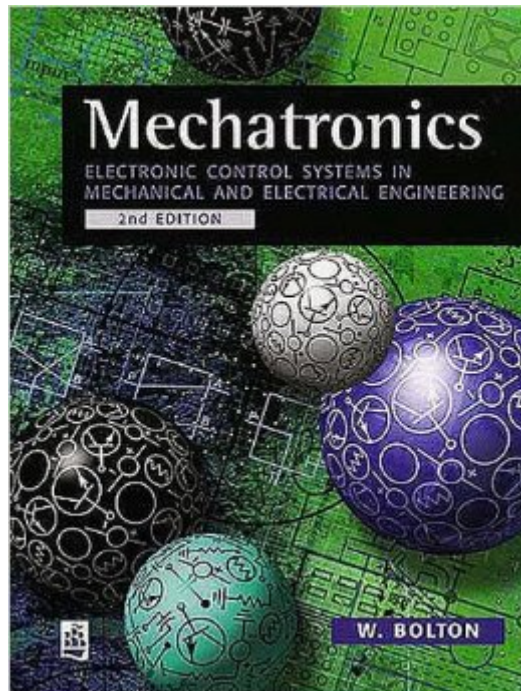


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Mechatronics: Electronic Control Systems In Mechanical Engineering (2nd Edition)



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

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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!!!

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