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### **Mechatronics: Electronic control systems in mechanical and ...**

Mechatronics: Electronic Control Systems in Mechanical and Electrical Engineering, 3rd Edition. W. Bolton, Formerly Consultant to Further Education Unit, and Head of Research, Development & Monitoring BTEC, Formerly Consultant to Further Education Unit, and Head of Research, Development & Monitoring BTEC.

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Preface Introduction 1 Introducing mechatronics Chapter objectives 1.1 What is mechatronics? 1.2 The design process 1.3 Systems 1.4 Measurement systems 1.5 Control systems 1.6 Programmable logic controller 1.7 Examples of mechatronic systems Summary Problems Sensors and signal conditioning 2 Sensors and transducers Chapter objectives 2.1 Sensors and transducers 2.2 Performance terminology 2.3 ...

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