

Introduction to Control Engineering



This book is aimed at practising engineers, students and hobbyists. It is intended as a source of reference for hardware and software associated with instrumentation and control engineering. Examples are presented from a range of industries and applications. Throughout the book, circuit diagrams and software listings are described, typical of many measurement and control applications. The hardware and software designs may be used as a basis for application by the reader. The book contains examples of PIC, PLC, PAC and PC programming. All code samples are available to download free of charge from the support website. After an introductory section on control theory and modelling, the text focus is upon software for control system simulation and implementation, with appropriate reference to interfacing, electronic hardware and computing platforms. Introduction to Control Engineering is a sourcebook of solutions for control system applications!

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