

1. Record Nr.	UNINA9910574061803321
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Titolo	Control systems : an introduction // D. Sundararajan
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	9783030984458 9783030984441
Descrizione fisica	1 online resource (xi, 312 pages) : illustrations
Disciplina	629.8
Soggetti	Automatic control
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
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Sommario/riassunto

This textbook is designed for an introductory, one-semester course in Control Systems for undergraduates and graduates in various engineering departments, such as electrical, mechanical, aerospace, and civil. It is written to be concise, clear, and yet comprehensive to make it easier for the students to learn this important subject with high mathematical complexity. The author emphasizes the physical simulation of systems, making it easier for readers to understand system behavior. The popular MATLAB<sup>a</sup> software package is used for programming and simulation. Every new concept is explained with figures and examples for a clear understanding. The simple and clear style of presentation, along with comprehensive coverage, enables students to obtain a solid foundation in the subject and for use in practical applications. " Written to be accessible to students of varying backgrounds, using a practical approach; " Explains concepts in a clear, concise manner, minimizing mathematical rigor; " Emphasizes the physical simulation of systems, making it easier to understand system behavior; " Includes numerous, solved examples and exercises, as well as programming and simulations using MATLAB.

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2. Record Nr.	UNINA9910895497803321
Titolo	Biharean biologist
Pubbl/distr/stampa	Oradea, Romania : , : University of Oradea Publishing House, , 2007-
ISSN	2065-1155
Descrizione fisica	1 online resource
Soggetti	Biology Biology - Romania Periodicals. Romania
Lingua di pubblicazione	Rumeno
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Articles are published continuously on the Internet and compiled biennially.