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International Journal of Control CONTROL SYSTEMS, ROBOTICS AND AUTOMATION – Volume XX Digital Control Systems Money Laundering Control The Psychology of Control and Aging (Psychology Revivals) Management Control Theory Journal of Applied Operational Research SIAM Journal on Control and Optimization Developments of Control Theory for Economic Analysis Optimal Design of Distributed Control and Embedded Systems Out of Control Biomedical Applications of Control Engineering General Problem of the Stability Of Motion Handbook of Control Systems Engineering Fundamental Issues in ControL Desire for Control Annual Report of the Board of Control of the New York Agricultural Experiment Station, (Geneva, Ontario County), ... , with Reports of Director and Other Officers Geometric Control of Mechanical Systems The Journal of Fluid Control Journal of Economic Dynamics & Control Control Applications for Biomedical Engineering Systems The Koopman Operator in Systems and Control Advanced Control of Chemical Processes Correlates of Perceived Internal-external Locus of Control in a Counseling Analogue Situation Levers of Control Transactions Computer-Aided Control Systems Design Fundamental Issues in Control Seeds of Control JOURNAL OF ECONOMETRICS Handbook of Motivation Science The

Handbook of Stress and Health Fault-Tolerant Attitude Control of Spacecraft Politics of Control Performance Assessment of Control Loops Robust Control of Linear Systems and Nonlinear Control A Two-Tiered Theory of Control Introduction to Dynamics and Control of Flexible Structures Applied Predictive Control Personal Control in Action

Fundamental Issues in Control Dec 31 2020
Applied Predictive Control Jan 20 2020 This focused treatment includes the fundamentals and some state-of-the-art developments in the field of predictive control. A substantial part of the book addresses application issues in predictive control, providing several interesting case studies for more application-oriented readers.
Seeds of Control Nov 29 2020 Japanese colonial rule in Korea (1905–1945) ushered in natural resource management programs that profoundly altered access to and ownership of the peninsula's extensive mountains and forests. Under the banner of "forest love," the colonial government set out to restructure the rhythms and routines of agrarian life, targeting everything from home heating to food preparation. Timber industrialists, meanwhile, channeled Korea's forest resources into supply chains that grew in tandem with Japan's imperial sphere. These mechanisms of resource control were only fortified after 1937, when the peninsula and its forests were mobilized for total war. In this wide-ranging study David Fedman explores Japanese imperialism through the

lens of forest conservation in colonial Korea—a project of environmental rule that outlived the empire itself. Holding up for scrutiny the notion of conservation, Seeds of Control examines the roots of Japanese ideas about the Korean landscape, as well as the consequences and aftermath of Japanese approaches to Korea's "greenification." Drawing from sources in Japanese and Korean, Fedman writes colonized lands into Japanese environmental history, revealing a largely untold story of green imperialism in Asia.

Robust Control of Linear Systems and Nonlinear Control Apr 22 2020 This volume is the second of the three volume publication containing the proceedings of the 1989 International Symposium on the Mathemat ical Theory of Networks and Systems (MTNS-89), which was held in Amsterdam, The Netherlands, June 19-23, 1989 The International Symposia MTNS focus attention on problems from system and control theory, circuit theory and signal processing, which, in general, require application of sophisticated mathematical tools, such as from function and operator theory, linear algebra and matrix theory, differential and algebraic geometry. The interaction between advanced mathematical methods and practical engineering problems of circuits, systems and control, which is typical for MTNS, turns out to be most effective and is, as these proceedings show, a continuing source of exciting advances. The second volume contains invited papers and a large selection of other symposium presentations in the vast area of robust and nonlinear

control. Modern developments in robust control and H-infinity theory, for finite as well as for infinite dimensional systems, are presented. A large part of the volume is devoted to nonlinear control. Special atten tion is paid to problems in robotics. Also the general theory of nonlinear and infinite dimensional systems is discussed. A couple of papers deal with problems of stochastic control and filterina. vi Preface The titles of the two other volumes are: Realization and Modelling in System Theory (volume 1) and Signal Processing, Scattering and Operator Theory, and Numerical Methods (volume 3).

Computer-Aided Control Systems Design Feb 01 2021 Computer-Aided Control Systems Design: Practical Applications Using MATLAB® and Simulink® supplies a solid foundation in applied control to help you bridge the gap between control theory and its real-world applications. Working from basic principles, the book delves into control systems design through the practical examples of the ALSTOM gasifier system in power stations and underwater robotic vehicles in the marine industry. It also shows how powerful software such as MATLAB® and Simulink® can aid in control systems design. Make Control Engineering Come Alive with Computer-Aided Software Emphasizing key aspects of the design process, the book covers the dynamic modeling, control structure design, controller design, implementation, and testing of control systems. It begins with the essential ideas of applied control engineering and a hands-on introduction to MATLAB and Simulink. It then discusses the analysis,

model order reduction, and controller design for a power plant and the modeling, simulation, and control of a remotely operated vehicle (ROV) for pipeline tracking. The author explains how to obtain the ROV model and verify it by using computational fluid dynamic software before designing and implementing the control system. In addition, the book details the nonlinear subsystem modeling and linearization of the ROV at vertical plane equilibrium points. Throughout, the author delineates areas for further study. Appendices provide additional information on various simulation models and their results. Learn How to Perform Simulations on Real Industry Systems A step-by-step guide to computer-aided applied control design, this book supplies the knowledge to help you deal with control problems in industry. It is a valuable reference for anyone who wants a better understanding of the theory and practice of basic control systems design, analysis, and implementation.

Journal of Applied Operational Research Oct 21 2022 We are pleased to welcome readers to this issue of the Journal of Applied Operational Research (JAOR), Volume 3, Number 2. The journal reports on developments in all aspects of operational research, including the latest advances and applications. It is a primarily goal of the journal to focus on and publish practical case studies which illustrate real-life applications.

JOURNAL OF ECONOMETRICS Oct 29 2020

SIAM Journal on Control and Optimization Sep 20 2022 Contains research articles on the mathematics and

applications of control theory and on those parts of optimization theory concerned with the dynamics of deterministic or stochastic systems in continuous or discrete time or otherwise dealing with differential equations, dynamics, infinite-dimensional spaces, or fundamental issues in variational analysis and geometry.

Levers of Control Apr 03 2021 Based on a ten-year examination of control systems in over 50 U.S. businesses, this book broadens the definition of control and establishes a critical bridge between the disciplines of strategy and accounting and control. In addition to the more traditional diagnostic control systems, Simons identifies three new control systems that allow strategic change: belief systems that communicate core values and provide inspiration and direction, boundary systems that frame the strategic domain and define the limits of freedom, and interactive systems that provide flexibility in adapting to competitive environments and encourage organizational learning. These four control systems, according to Simons, will provide managers with the basic levers for pursuing strategic objectives.

Transactions Mar 02 2021

Journal of Economic Dynamics & Control Sep 08 2021

Management Control Theory Nov 22 2022 First published in 1998, this volume of readings provides an overview of the development of the study of Management Control theory over the past 35 years. The period encompasses the publication of a major and seminal text by Anthony and Dearden in 1965, which acted as a touchstone in

defining the range and scope of management control systems. This laid management control's foundations in accounting-based mechanisms of control, an element which has been seen as both a strength and a constraint. A good deal of work has followed, providing both a development of the tradition as well as a critique. In this volume we attempt to provide a range of readings which will illustrate the variety of possibilities that are available to researchers, scholars and practitioners in the area. The readings illustrate the view that sees control as goal directed and integrative. They go on to explore the idea of control as adaption, consider its relationship with social structure and survey the effects of the interplay between the organisation and the environment. The essays included are not intended to lead the reader through a well-ordered argument which concludes with a well reasoned view of how management control should be. Instead it seeks to illustrate the many questions which have been posed but not answered and to open up agendas for future research.

A Two-Tiered Theory of Control Mar 22 2020 A theory of control, equally grounded in syntax and semantics, that argues that obligatory control is achieved either through predication or through logophoric anchoring. This book revives and reinterprets a persistent intuition running through much of the classical work: that the unitary appearance of Obligatory Control into complements conceals an underlying duality of structure and mechanism. Idan Landau argues that control

complements divide into two types: In attitude contexts, control is established by logophoric anchoring, while non-attitude contexts it boils down to predication. The distinction is also syntactically represented: Logophoric complements are constructed as a second tier above predicative complements. The theory derives the obligatory de se reading of PRO as a special kind of de re attitude without ascribing any inherent feature to PRO. At the same time, it provides a principled explanation, based on feature transmission, for the agreement properties of PRO, which are stipulated on competing semantic accounts. Finally, it derives a striking universal asymmetry: the fact that agreement on the embedded verb blocks control in attitude contexts but not in non-attitude contexts. This book is unique in being firmly grounded in both the formal semantic and the syntactic studies of control, offering an integrated view that will appeal to scholars in both areas. By bringing to bear current sophisticated grammatical analyses, it offers new insights into the classical problems of control theory.

The Journal of Fluid Control Oct 09 2021

Introduction to Dynamics and Control of Flexible Structures Feb 19 2020

The Psychology of Control and Aging (Psychology Revivals) Dec 23 2022 Originally published in 1986, the central topic of this book is the analysis and application of control-related beliefs and behaviours for theory and practice in the psychology of aging. The volume was written for two specific interrelated purposes aimed at

cross-fertilization between the psychology of control and the field of gerontology. The first purpose was to summarise available research and theory on the psychology of control for researchers and professionals interested in gerontology at the time. The second was to enrich the field of the psychology of control.

Money Laundering Control Jan 24 2023

Politics of Control Jun 24 2020 Using a unique interdisciplinary, cultural-institutional analysis, Politics of Control is the first comprehensive study of how, in the early decades of the People's Republic of China, the Chinese Communist Party reshaped people's minds using multiple methods of control. With newly available archival material, internal circulars, memoirs, interviews, and site visits, the book explores the fascinating world of mass media, book publishing, education, religion, parks, museums, and architecture during the formative years of the republic. When the Communists assumed power in 1949, they projected themselves as not only military victors but also as peace restorers and cultural protectors. Believing that they needed to manage culture in every arena, they created an interlocking system of agencies and regulations that was supervised at the center. Documents show, however, that there was internal conflict. Censors, introduced early at the Beijing Daily, operated under the "twofold leadership" of municipal-level editors but with final authorization from the Communist Party Propaganda Department. Politics of Control looks behind the office doors, where the

ideological split between Party chairman Mao Zedong and head of state Liu Shaoqi made pragmatic editors bite their pencil erasers and hope for the best. Book publishing followed a similar multi-tier system, preventing undesirable texts from getting into the hands of the public. In addition to designing a plan to nurture a new generation of Chinese revolutionaries, the party-state developed community centers that served as cultural propaganda stations. New urban parks were used to stage political rallies for major campaigns and public trials where threatening sects could be attacked. A fascinating part of the story is the way in which architecture and museums were used to promote ethnic unity under the Chinese party-state umbrella. Besides revealing how interlocking systems resulted in a pervasive method of control, Politics of Control also examines how this system was influenced by the Soviet Union and how, nevertheless, Chinese nationalism always took precedence. Chang-tai Hung convincingly argues that the PRC's formative period defined the nature of the Communist regime and its future development. The methods of cultural control have changed over time, but many continue to have relevance today.

International Journal of Control Apr 27 2023

The Koopman Operator in Systems and Control Jul 06 2021 This book provides a broad overview of state-of-the-art research at the intersection of the Koopman operator theory and control theory. It also reviews novel theoretical results obtained and efficient numerical methods

developed within the framework of Koopman operator theory. The contributions discuss the latest findings and techniques in several areas of control theory, including model predictive control, optimal control, observer design, systems identification and structural analysis of controlled systems, addressing both theoretical and numerical aspects and presenting open research directions, as well as detailed numerical schemes and data-driven methods. Each contribution addresses a specific problem. After a brief introduction of the Koopman operator framework, including basic notions and definitions, the book explores numerical methods, such as the dynamic mode decomposition (DMD) algorithm and Arnoldi-based methods, which are used to represent the operator in a finite-dimensional basis and to compute its spectral properties from data. The main body of the book is divided into three parts: theoretical results and numerical techniques for observer design, synthesis analysis, stability analysis, parameter estimation, and identification; data-driven techniques based on DMD, which extract the spectral properties of the Koopman operator from data for the structural analysis of controlled systems; and Koopman operator techniques with specific applications in systems and control, which range from heat transfer analysis to robot control. A useful reference resource on the Koopman operator theory for control theorists and practitioners, the book is also of interest to graduate students, researchers, and engineers looking for an introduction to a novel and comprehensive approach to

systems and control, from pure theory to data-driven methods.

Control Applications for Biomedical Engineering Systems Aug 07 2021 Control Applications for Biomedical Engineering Systems presents different control engineering and modeling applications in the biomedical field. It is intended for senior undergraduate or graduate students in both control engineering and biomedical engineering programs. For control engineering students, it presents the application of various techniques already learned in theoretical lectures in the biomedical arena. For biomedical engineering students, it presents solutions to various problems in the field using methods commonly used by control engineers. Points out theoretical and practical issues to biomedical control systems Brings together solutions developed under different settings with specific attention to the validation of these tools in biomedical settings using real-life datasets and experiments Presents significant case studies on devices and applications

Advanced Control of Chemical Processes Jun 05 2021

Digital Control Systems Feb 25 2023 The extraordinary development of digital computers (microprocessors, microcontrollers) and their extensive use in control systems in all fields of applications has brought about important changes in the design of control systems. Their performance and their low cost make them suitable for use in control systems of various kinds which demand far better capabilities and performances than those provided

by analog controllers. However, in order really to take advantage of the capabilities of microprocessors, it is not enough to reproduce the behavior of analog (PID) controllers. One needs to implement specific and high-performance model based control techniques developed for computer-controlled systems (techniques that have been extensively tested in practice). In this context identification of a plant dynamic model from data is a fundamental step in the design of the control system. The book takes into account the fact that the association of books with software and on-line material is radically changing the teaching methods of the control discipline. Despite its interactive character, computer-aided control design software requires the understanding of a number of concepts in order to be used efficiently. The use of software for illustrating the various concepts and algorithms helps understanding and rapidly gives a feeling of the various phenomena.

General Problem of the Stability Of Motion Apr 15 2022 This book makes more widely accessible the text of Lyapunov's major memoir of the general problem of the stability of motion. Translated by A. T. Fuller (University of Cambridge), the work is now available for the first time in the English language, and marked the centenary of the Russian publication in the late 1800s. Including a biography of Lyapunov and a comprehensive bibliography of his work, this excellent volume will prove to be of fundamental interest to all those concerned with the concept of the stability of motion, boundaries of stability,

and with nonlinear dynamics.

The Handbook of Stress and Health Aug 27 2020 A comprehensive work that brings together and explores state-of-the-art research on the link between stress and health outcomes. Offers the most authoritative resource available, discussing a range of stress theories as well as theories on preventative stress management and how to enhance well-being Timely given that stress is linked to seven of the ten leading causes of death in developed nations, yet paradoxically successful adaptation to stress can enable individuals to flourish Contributors are an international panel of authoritative researchers and practitioners in the various specialty subjects addressed within the work

Fault-Tolerant Attitude Control of Spacecraft Jul 26 2020 Fault-Tolerant Attitude Control of Spacecraft presents the fundamentals of spacecraft fault-tolerant attitude control systems, along with the most recent research and advanced, nonlinear control techniques. This book gives researchers a self-contained guide to the complex tasks of envisaging, designing, implementing and experimenting by presenting designs for integrated modeling, dynamics, fault-tolerant attitude control, and fault reconstruction for spacecraft. Specifically, the book gives a full literature review and presents preliminaries and mathematical models, robust fault-tolerant attitude control, fault-tolerant attitude control with actuator saturation, velocity-free fault tolerant attitude control, finite-time fault-tolerant attitude tracking control, and active fault-tolerant

attitude contour. Finally, the book looks at the future of this interesting topic, offering readers a one-stop solution for those working on fault-tolerant attitude control for spacecraft. Presents the fundamentals of fault-tolerant attitude control systems for spacecraft in one practical solution Gives the latest research and thinking on nonlinear attitude control, fault tolerant control, and reliable attitude control Brings together concepts in fault control theory, fault diagnosis, and attitude control for spacecraft Covers advances in theory, technological aspects, and applications in spacecraft Presents detailed numerical and simulation results to assist engineers Offers a clear, systematic reference on fault-tolerant control and attitude control for spacecraft

Performance Assessment of Control Loops May 24 2020 The series Advances in Industrial Control aims to report and encourage technology transfer in control engineering. The rapid development of control technology has an impact on all areas of the control discipline. New theory, new controllers, actuators, sensors, new industrial processes, computer methods, new applications, new philosophies. . . , new challenges. Much of this development work resides in industrial reports, feasibility study papers and the reports of advanced collaborative projects. The series offers an opportunity for researchers to present an extended exposition of such new work in all aspects of industrial control for widerand rapid dissemination. Benchmarking is a technique first applied by Rank Xerox in the late 1970s for business processes.

As a subject in the commercial arena, benchmarking thrives with, for example, a European Benchmarking Forum. It has taken rather longer for benchmarking to make the transfer to the technical domain and even now the subject is making a slow headway. Akey research step in this direction was taken by Harris (1989) who used minimum variance control as a benchmark for controller loop assessment. This contribution opened up the area and a significant specialist literature has now developed. Significant support for the methodologywas given by Honeywell who have controller assessment routines in their process control applications software; therefore, it is timely to welcome a (first) monograph on controller performance assessment by Biao Huang and Sirish Shah to the Advances in Industrial Control series.

Personal Control in Action Dec 19 2019 This new study presents exciting international research developments on personal control and self-regulation. Each chapter examines the subject at a different level of analysis to foster a complete understanding. Brief synopses of each chapter are provided as introductions to the three major sections of the book. These sections cover the person as an agent of control, affective and cognitive mechanisms of executive agency, and reactions to threatened control.

Handbook of Control Systems Engineering Mar 14 2022 This book is a revision and extension of my 1995 Sourcebook of Control Systems Engineering. Because of the extensions and other modifications, it has been retitled Handbook of Control Systems Engineering, which

it is intended to be for its prime audience: advanced undergraduate students, beginning graduate students, and practising engineers needing an understandable review of the field or recent developments which may prove useful. There are several differences between this edition and the first. • Two new chapters on aspects of nonlinear systems have been incorporated. In the first of these, selected material for nonlinear systems is concentrated on four aspects: showing the value of certain linear controllers, arguing the suitability of algebraic linearization, reviewing the semi-classical methods of harmonic balance, and introducing the nonlinear change of variable technique known as feedback linearization. In the second chapter, the topic of variable structure control, often with sliding mode, is introduced. • Another new chapter introduces discrete event systems, including several approaches to their analysis. • The chapters on robust control and intelligent control have been extensively revised. • Modest revisions and extensions have also been made to other chapters, often to incorporate extensions to nonlinear systems.

Annual Report of the Board of Control of the New York Agricultural Experiment Station, (Geneva, Ontario County), ... , with Reports of Director and Other Officers Dec 11 2021

Geometric Control of Mechanical Systems Nov 10 2021 The area of analysis and control of mechanical systems using differential geometry is flourishing. This book collects many results over the last decade and provides a

comprehensive introduction to the area.

Fundamental Issues in ControL Feb 13 2022

Biomedical Applications of Control Engineering May 16 2022 Biomedical Applications of Control Engineering is a lucidly written textbook for graduate control engineering and biomedical engineering students as well as for medical practitioners who want to get acquainted with quantitative methods. It is based on decades of experience both in control engineering and clinical practice. The book begins by reviewing basic concepts of system theory and the modeling process. It then goes on to discuss control engineering application areas like: Different models for the human operator,dosage and timing optimization in oral drug administration, measuring symptoms of and optimal dopaminergic therapy in Parkinson's disease, measurement and control of blood glucose levels both naturally and by means of external controllers in diabetes, and control of depth of anaesthesia using inhalational anaesthetic agents like sevoflurane using both fuzzy and state feedback controllers. All chapters include three types of exercises constructed to: Review the concepts discussed in the chapter, allow the reader to apply the newly acquired techniques and subject related facts on simple problems, and indicate directions for open ended theses projects. Appendices on Optimal Control and Fuzzy Control meant as refreshers on those control engineering techniques used throughout the book are also included.

Desire for Control Jan 12 2022 This book is a cumulation

of a research program that began in the sum mer of 1978, when I was a doctoral student at the University of Missouri. What started as a graduate student' s curiosity about individual differ ences in need for personal control led to a personality scale, a few pub lications, some additional questions, and additional research. For reasons I no longer recall, I named this personality trait desire for control. One study led to another, and questions by students and colleagues often spurred me to apply desire for control to new areas and new questions. At the same time, researchers around the globe began using the scale and sending me reprints of articles and copies of papers describing work they had done on desire for contro!. In the past decade or so, I have talked or corresponded with dozens of students who have used the scale in their doctoral dissertation and master's thesis research. I have heard of or seen translations of the Desirability of Control Scale into German, Polish, Japanese, and French. There is also a children's version of the scale. I estirnate that there have now been more than a hundred studies conducted on desire for contro!.

Out of Control Jun 17 2022 A supplemental textbook that examines the self-control theory of crime from a range of perspectives, both supportive and critical.

Correlates of Perceived Internal-external Locus of Control in a Counseling Analogue Situation May 04 2021

Handbook of Motivation Science Sep 27 2020 Integrating significant advances in motivation science that have occurred over the last two decades, this volume

thoroughly examines the ways in which motivation interacts with social, developmental, and emotional processes, as well as personality more generally. The Handbook comprises 39 clearly written chapters from leaders in the field. Cutting-edge theory and research is presented on core psychological motives, such as the need for esteem, security, consistency, and achievement; motivational systems that arise to address these fundamental needs; the process and consequences of goal pursuit, including the role of individual differences and contextual moderators; and implications for personal well-being and interpersonal and intergroup relations.

Developments of Control Theory for Economic Analysis Aug 19 2022 Giovanni Castellani Rector of the University of Venice This book contains the Proceedings of the Conference on "Economic Policy and Control Theory" which was held at the University of Venice (Italy) on 27 January-l February 1985. The goal of the Conference was to survey the main developments of control theory in economics, by emphasizing particularly new achievements in the analysis of dynamic economic models by con trol methods. The development of control theory is strictly related to the development of science and technology in the last forty years. Control theory was indeed applied mainly in engineering, and only in the sixties economists started using control methods for analys ing economic problems, even if some preliminary economic applica tions of calculus of variations, from which control theory was then developed, date back to

the twenties. Applications of control theory in economics also had to solve new, complicated, problems, like those encountered in optimal growth models, or like the determination of the appropriate inter temporal social welfare function, of the policy horizon and the relative final state of the system, of the appropriate discount factor. Furthermore, the uncertainty characterizing economic models had to be taken into account, thus giving rise to the development of stochastic control theory in economics.

CONTROL SYSTEMS, ROBOTICS AND AUTOMATION – Volume XX Mar 26 2023 This Encyclopedia of Control Systems, Robotics, and Automation is a component of the global Encyclopedia of Life Support Systems EOLSS, which is an integrated compendium of twenty one Encyclopedias. This 22-volume set contains 240 chapters, each of size 5000-30000 words, with perspectives, applications and extensive illustrations. It is the only publication of its kind carrying state-of-the-art knowledge in the fields of Control Systems, Robotics, and Automation and is aimed, by virtue of the several applications, at the following five major target audiences: University and College Students, Educators, Professional Practitioners, Research Personnel and Policy Analysts, Managers, and Decision Makers and NGOs.

Optimal Design of Distributed Control and Embedded Systems Jul 18 2022 Optimal Design of Distributed Control and Embedded Systems focuses on the design of special control and scheduling algorithms based on system

structural properties as well as on analysis of the influence of induced time-delay on systems performances. It treats the optimal design of distributed and embedded control systems (DCESs) with respect to communication and calculation-resource constraints, quantization aspects, and potential time-delays induced by the associated communication and calculation model. Particular emphasis is put on optimal control signal scheduling based on the system state. In order to render this complex optimization problem feasible in real time, a time decomposition is based on periodicity induced by the static scheduling is operated. The authors present a co-design approach which subsumes the synthesis of the optimal control laws and the generation of an optimal schedule of control signals on real-time networks as well as the execution of control tasks on a single processor. The authors also operate a control structure modification or a control switching based on a thorough analysis of the influence of the induced time-delay system influence on stability and system performance in order to optimize DCES performance in case of calculation and communication resource limitations. Although the richness and variety of classes of DCES preclude a completely comprehensive treatment or a single “best” method of approaching them all, this co-design approach has the best chance of rendering this problem feasible and finding the optimal or some sub-optimal solution. The text is rounded out with references to such applications as car suspension and unmanned vehicles. Optimal Design of

Distributed Control and Embedded Systems will be of most interest to academic researchers working on the mathematical theory of DCES but the wide range of environments in which they are used also promotes the relevance of the text for control practitioners working in the avionics, automotive, energy-production, space exploration and many other industries.

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