Epub free Computer explorations in signals and systems using matlab solutions (Download Only)

Dynamical Systems with Applications using MATLAB® Nonlinear Control Systems using MATLAB® Simulation of Dynamic Systems with MATLAB® and Simulink® Simulation of Dynamic Systems with MATLAB and Simulink Computer Explorations in Signals and Systems Using MATLAB Modeling and Simulation of Systems Using MATLAB and Simulink Analysis and design of control systems using MATLAB Signals and Systems Using MATLAB W/ Online Testing Continuous Signals and Systems with MATLAB Contemporary Communication Systems Using MATLAB Design of Embedded Robust Control Systems Using MATLAB®/Simulink® Analysis and Design of Control Systems Using MATLAB Signals and Systems using MATLAB Signals and Systems Using MATLAB System Simulation Techniques with MATLAB and Simulink Introduction to System Science with MATLAB Signals and Systems with MATLAB® and Simulink® Simulation of Dynamic Systems with MATLAB and Simulink, Second Edition Signals and Systems with MATLAB Computing and Simulink Modeling Problem-Based Learning in Communication Systems Using MATLAB and Simulink Linear Feedback Control Optimal Networked Control Systems with MATLAB Using MATLAB, SIMULINK and Control System Toolbox Control Systems Engineering Using Matlab SIGNALS AND SYSTEMS WITH MATLAB Contemporary Linear Systems Using MATLAB 4.0 Fundamentals of Signals and Systems Using MATLAB Simulation of Dynamic Systems with Matlab(r) and Simulink(r) Feedback Control Problems Practical MATLAB Deep Learning Continuous Signals and Systems with MATLAB® Signals and Systems with MATLAB Radar Systems Analysis and Design Using MATLAB Simulating Power Systems Using Matlab and Simulink Simulation of Dynamic Systems with Matlab and Simulink A First Course on Control Systems Using Matlab Signals and Systems Using MATLAB with Online Testing Digital Communication Systems Using MATLAB and Simulink Fundamentals of Signals and Systems Using the Web and MATLAB Signals and Systems with MATLAB Applications

Dynamical Systems with Applications using MATLAB® 2013-12-01

this introduction to dynamical systems theory guides readers through theory via example and the graphical matlab interface the simulink accessory is used to simulate real world dynamical processes examples included are from mechanics electrical circuits economics population dynamics epidemiology nonlinear optics materials science and neural networks the book contains over 330 illustrations 300 examples and exercises with solutions

Nonlinear Control Systems using MATLAB® 2018-09-24

the development of computer software for nonlinear control systems has provided many benefits for teaching research and the development of control systems design matlab is considered the dominant software platforms for linear and nonlinear control systems analysis this book provides an easy way to learn nonlinear control systems such as feedback linearization technique and sliding mode control structure variable control which are one of the most used techniques in nonlinear control dynamical systems therefore teachers students and researchers are all in need to handle such techniques and since they are too difficult for them to handle such nonlinear controllers especially for a more complicated systems such as induction motor satellite and vehicles dynamical models thus this document it is an excellent resource for learning the principle of feedback linearization and sliding mode techniques in an easy and simple way provides a briefs description of the feedback linearization and sliding mode control strategies includes a simple method on how to determine the right and appropriate controller p pi pid for feedback linearization control strategy a symbolic matlab based function for finding the feedback linearization and sliding mode controllers are developed and tested using several examples a simple method for finding the approximate sliding mode controller parameters is introduced where the program used to construct the nonlinear controller uses symbolic computations such that the user should provide the program with the necessary functions f x g x and h x using the symbolic library

Simulation of Dynamic Systems with MATLAB® and Simulink® *2018-02-02*

continuous system simulation is an increasingly important tool for optimizing the performance of real world systems the book presents an integrated treatment of continuous simulation with all the background and essential prerequisites in one setting it features updated chapters and two new sections on black swan and the stochastic information packet sip and stochastic library units with relationships preserved slurp standard the new edition includes basic concepts mathematical tools and the common principles of various simulation models for different phenomena as well as an abundance of case studies real world examples homework problems and equations to develop a practical understanding of concepts

Simulation of Dynamic Systems with MATLAB and Simulink

2016-04-19

a seminal text covering the simulation design and analysis of a broad variety of systems using two of the most modern software packages available today particularly adept at enabling students new to the field to gain a thorough understanding of the basics of continuous simulation in a single semester and also provides a more advanced tre

Computer Explorations in Signals and Systems Using MATLAB *2002*

for undergraduate courses on signals and linear systems this book contains a comprehensive set of computer exercises of varying levels of difficulty covering the fundamentals of signals and systems the exercises require the reader to compare answers they compute in matlab r with results and predictions made based on their understanding of the material the book is compatible with any introductory course or text on signals and systems

Modeling and Simulation of Systems Using MATLAB and Simulink *2010*

systems engineering encompasses a variety of components that embrace physical and conceptual phenomena this book addresses all aspects of systems modeling and simulation the first part of the text presents a step by step procedure for modeling different types of systems using techniques like a graph theoretic approach interpretive structural modeling and system dynamics modeling it also covers physical systems framework and identification systems analysis and optimization aspects and numerical analysis the second part presents real life examples of simulation that illustrate state of the art simulation the text also develops matlab and simulink programs for system simulation

Analysis and design of control systems using MATLAB 2006

this textbook in signals and systems provides a pedagogically rich approach to what can commonly be a mathematically dry subject with features like historical notes highlighted common mistakes and applications in controls communications and signal processing chaparro helps students appreciate the usefulness of the techniques described in the book

Signals and Systems Using MATLAB W/ Online Testing *2014-02-15*

designed for a one semester undergraduate course in continuous linear systems continuous signals and systems with matlab second edition presents the tools required to design analyze and simulate dynamic systems it thoroughly describes the process of the linearization of nonlinear systems using matlab to solve most examples and problems with updates and revisions throughout this edition focuses more on state space methods block diagrams and complete analog filter design new to the second edition a chapter on block diagrams that covers various classical and state space configurations a completely revised chapter that uses matlab to illustrate how to design simulate and

implement analog filters numerous new examples from a variety of engineering disciplines with an emphasis on electrical and electromechanical engineering problems explaining the subject matter through easy to follow mathematical development as well as abundant examples and problems the text covers signals types of systems convolution differential equations fourier series and transform the laplace transform state space representations block diagrams system linearization and analog filter design requiring no prior fluency with matlab it enables students to master both the concepts of continuous linear systems and the use of matlab to solve problems

Continuous Signals and Systems with MATLAB *2018-10-03*

this supplement to any standard communication systems text is one of the first books to successfully integrate the use of matlab in the study of communication systems concepts and problems it has been developed for instructors and students who wish to make use of matlab as an integral part of their study the former will find the means by which to use matlab as a powerful tool to motivate students and illustrate essential theory without having to customize the applications themselves the latter will find relevant problems quickly and easily the book includes numerous matlab based simulations and examples of communication systems while providing a good balance of theory and hands on computer experience this updated printing revises the book and matlab files available for downloading from the brooks cole bookware companion resource center site to matlab v5

Contemporary Communication Systems Using MATLAB 2000

the aim of this book is to give the necessary knowledge about the implementation of matlab' and simulink' in the development of embedded control systems together matlab and simulink present a sophisticated programming environment which may be used for the design as well as for the implementation of embedded control systems in this book the authors exploit the opportunity to generate automatically and embed control code from simulink models which allows to develop quickly efficient and error free code the automated code generation and the availability of powerful processors make possible the implementation of complex high order controllers which achieve fast and high performance closed loop dynamics

Design of Embedded Robust Control Systems Using MATLAB®/Simulink® 2018

key features step by step explanations guide through the complex material involving a diverse variety of concepts proper allocation and extensive use and application of matlab detailed illustrations of solution methods save a lot of time and effort in understanding problems and theoretical concepts about the book the book analysis and design of control systems using matlab is designed as a supplement to an introductory course in feedback control systems for undergraduate or graduate engineering students of all disciplines feedback control systems engineering is a multidisciplinary subject and presents a control engineering methodology based on mathematical fundamentals and stresses physical system modeling this book includes the coverage of classical methods of control systems engineering introduction to control systems matrix analysis laplace transforms mathematical modeling of dynamic systems control system representation performance and stability of feedback systems analysis and design of feedback control systems state space analysis and design matlab basics and matlab tutorial the numerous

worked examples offer detailed explanations and guide the students through each set of problems to enable them to save a great deal of time and effort in arriving at an understanding of problems in this subject extensive references to guide the students to further sources of information on control systems and matlab is provided in addition to students practising engineers will also find this book immensely useful

Analysis and Design of Control Systems Using MATLAB *2006-07-11*

this new textbook in signals and systems provides a pedagogically rich approach to what can commonly be a mathematically dry subject with features like historical notes highlighted common mistakes and applications in controls communications and signal processing chaparro helps students appreciate the usefulness of the techniques described in the book each chapter contains a section with matlab applications pedagogically rich introduction to signals and systems using historical notes pointing out common mistakes and relating concepts to realistic examples throughout to motivate learning the material introduces both continuous and discrete systems early then studies each separately in more depth later extensive set of worked examples and homework assignments with applications to controls communications and signal processing throughout provides review of all the background math necessary to study the subject matlab applications in every chapter

Signals and Systems using MATLAB *2014-02-10*

signals and systems using matlab third edition features a pedagogically rich and accessible approach to what can commonly be a mathematically dry subject historical notes and common mistakes combined with applications in controls communications and signal processing help students understand and appreciate the usefulness of the techniques described in the text this new edition features more end of chapter problems new content on two dimensional signal processing and discussions on the state of the art in signal processing introduces both continuous and discrete systems early then studies each separately in depth contains an extensive set of worked examples and homework assignments with applications for controls communications and signal processing begins with a review on all the background math necessary to study the subject includes matlab applications in every chapter

Signals and Systems Using MATLAB *2018-10-29*

system simulation techniques with matlab and simulink comprehensively explains how to use matlab and simulink to perform dynamic systems simulation tasks for engineering and non engineering applications this book begins with covering the fundamentals of matlab programming and applications and the solutions to different mathematical problems in simulation the fundamentals of simulink modelling and simulation are then presented followed by coverage of intermediate level modelling skills and more advanced techniques in simulink modelling and applications finally the modelling and simulation of engineering and non engineering systems are presented the areas covered include electrical electronic systems mechanical systems pharmacokinetic systems video and image processing systems and discrete event systems hardware in the loop simulation and real time application are also discussed key features progressive building of simulation skills using simulink from basics through to advanced levels with illustrations and examples wide coverage of simulation topics of applications from

engineering to non engineering systems dedicated chapter on hardware in the loop simulation and real time control end of chapter exercises a companion website hosting a solution manual and powerpoint slides system simulation techniques with matlab and simulink is a suitable textbook for senior undergraduate postgraduate courses covering modelling and simulation and is also an ideal reference for researchers and practitioners in industry

System Simulation Techniques with MATLAB and Simulink 2013-09-16

explores mathematical basis for developing and evaluating continuous and discrete systems in this revised second edition of introduction to system science with matlab the authors gary sandquist and zakary wilde provide a comprehensive exploration of essential concepts mathematical framework analytical resources and productive skills required to address any rational system confidently and adequately for quantitative evaluation this second edition is supplemented with new updates to the mathematical and technical materials from the first edition a new chapter to assist readers to generalize and execute algorithms for systems development and analysis as well as an expansion of the chapter covering specific system science applications is included the book provides the mathematical basis for developing and evaluating single and multiple input output systems that are continuous or discrete it offers the mathematical basis for the recognition definition quantitative modeling analysis and evaluation in system science the book also provides comprehensive introduction to system science and the principles of causality cause and effect operations including their historical and scientific background complete exploration of fundamental systems concepts and basic system equations including definitions and classifications practical applications and discussions of single input systems multiple input systems and system modeling and evaluation in depth examination of generalized system analysis methods and specific system science applications perfect for upper level undergraduate and graduate students in engineering mathematics and physical sciences introduction to system science with matlab will also earn a prominent place in libraries of researchers in the life and social sciences

Introduction to System Science with MATLAB 2023-01-17

this textbook provides a compact but comprehensive treatment that guides students to solve signals and systems problems using matlab simulink ideal as a hands on source for courses in signals and systems or control systems this text focuses on solving problems using market standard software corresponding to all key concepts covered in the classroom the author uses his extensive classroom experience to guide students toward deeper understanding of key concepts while they gain facility with software they will need to master for later studies and practical use in their engineering careers

Signals and Systems with MATLAB® and Simulink® *2023-12-01*

a seminal text covering the simulation design and analysis of a broad variety of systems using two of the most modern software packages available today particularly adept at enabling students new to the field to gain a thorough understanding of the basics of continuous simulation in a single semester and also provides a more advanced treatment of the subject for researchers and simulation professionals from the foreword by chris bauer phd pe cmsp continuous system simulation is an increasingly important

tool for optimizing the performance of real world systems and a massive transformation has occurred in the application of simulation in fields ranging from engineering and physical sciences to medicine biology economics and applied mathematics as with most things simulation is best learned through practice but explosive growth in the field requires a new learning approach a response to changes in the field simulation of dynamic systems with matlab and simulink second edition has been extensively updated to help readers build an in depth and intuitive understanding of basic concepts mathematical tools and the common principles of various simulation models for different phenomena includes an abundance of case studies real world examples homework problems and equations to develop a practical understanding of concepts accomplished experts harold klee and randal allen take readers through a gradual and natural progression of important topics in simulation introducing advanced concepts only after they construct complete examples using fundamental methods presented exercises incorporate matlab and simulink including access to downloadable m files and model files enabling both students and professionals to gain experience with these industry standard tools and more easily design implement and adjust simulation models in their particular field of study more universities are offering courses as well as masters and ph d programs in both continuous time and discrete time simulation promoting a new interdisciplinary focus that appeals to undergraduates and beginning graduates from a wide range of fields ideal for such courses this classroom tested introductory text presents a flexible multifaceted approach through which simulation can play a prominent role in validating system design and training personnel involved

Simulation of Dynamic Systems with MATLAB and Simulink, Second Edition *2011-02-16*

this text is primarily written for junior and senior undergraduates majoring in electrical and computer engineering you will need this text if you are a student or working professional seeking to learn and or review the basics of the laplace and z transforms the fast fourier transform fft state variables and the design of analog and digital filters contains many real world examples completely solved in detail and verified with matlab computations and simulink models

Signals and Systems with MATLAB Computing and Simulink Modeling *2007*

designed to help teach and understand communication systems using a classroom tested active learning approach discusses communication concepts and algorithms which are explained using simulation projects accompanied by matlab and simulink provides step by step code exercises and instructions to implement execution sequences includes a companion website that has matlab and simulink model samples and templates

Problem-Based Learning in Communication Systems Using MATLAB and Simulink *2016-02-10*

this book discusses analysis and design techniques for linear feedback control systems using matlab software by reducing the mathematics increasing matlab working examples and inserting short scripts and plots within the text the authors have created a resource suitable for almost any type of user the book begins with a summary of the properties of linear systems and addresses modeling and model reduction issues in the

subsequent chapters on analysis the authors introduce time domain complex plane and frequency domain techniques their coverage of design includes discussions on model based controller designs pid controllers and robust control designs a unique aspect of the book is its inclusion of a chapter on fractional order controllers which are useful in control engineering practice

Linear Feedback Control 2007-01-01

optimal networked control systems with matlab discusses optimal controller design in discrete time for networked control systems ncs the authors apply several powerful modern control techniques in discrete time to the design of intelligent controllers for such ncs detailed derivations rigorous stability proofs computer simulation examples and downloadable matlab codes are included for each case the book begins by providing background on ncs networked imperfections dynamical systems stability theory and stochastic optimal adaptive controllers in discrete time for linear and nonlinear systems it lays the foundation for reinforcement learning based optimal adaptive controller use for finite and infinite horizons the text then introduces quantization effects for linear and nonlinear ncs describing the design of stochastic adaptive controllers for a class of linear and nonlinear systems presents two player zero sum game theoretic formulation for linear systems in input output form enclosed by a communication network addresses the stochastic optimal control of nonlinear ncs by using neuro dynamic programming explores stochastic optimal design for nonlinear two player zero sum games under communication constraints treats an event sampled distributed ncs to minimize transmission of state and control signals within the feedback loop via the communication network covers distributed joint optimal network scheduling and control design for wireless ncs as well as the effect of network protocols on the wireless ncs controller design an ideal reference for graduate students university researchers and practicing engineers optimal networked control systems with matlab instills a solid understanding of neural network controllers and how to build them

Optimal Networked Control Systems with MATLAB 2018-09-03

this book is essentially a supplementary manual to matlab simulink and control toolbox and is aimed at both undergraudate and graduate students and to academic and industrial researchers who work with dynamic systems and numerical problems the distinguishing feature of the volume is its high number of worked examples these allow the reader to proceed from the basic matlab commands up to the more sophisticated control system toolbox procedures and to the optimized simulink scheme avoiding a boring and useless list of functions the material begins assuming no familarity with matlab chapter 1 explains how to insert data from keyboard and external files however advanced techniques are presented throughout the book in highlighted paragraphs

Using MATLAB, SIMULINK and Control System Toolbox *1996*

control systems engineering using matlab provides students with a concise introduction to the basic concepts in automatic control systems and the various methods of solving its problems designed to comfortably cover two academic semesters the style and form of the book makes it easily comprehensible for all engineering disciplines that have control system courses in their curricula the solutions to the problems are programmed using matlab 6 0 for which the simulated results are provided the matlab control systems toolbox is provided in the appendix for easy reference the book would be useful

as a textbook to undergraduate students and as quick reference for higher studies

Control Systems Engineering Using Matlab *2009-11-01*

this text presents an accessible yet comprehensive analytical treatment of signals and systems and also incorporates a strong emphasis on solving problems and exploring concepts using matlab

SIGNALS AND SYSTEMS WITH MATLAB 2008-02-05

continuous system simulation is an increasingly important tool for optimizing the performance of real world systems the book presents an integrated treatment of continuous simulation with all the background and essential prerequisites in one setting it features updated chapters and two new sections on black swan and the stochastic information packet sip and stochastic library units with relationships preserved slurp standard the new edition includes basic concepts mathematical tools and the common principles of various simulation models for different phenomena as well as an abundance of case studies real world examples homework problems and equations to develop a practical understanding of concepts

Contemporary Linear Systems Using MATLAB 4.0 1995

this book is a supplement for any standard control systems text it serves to reinforce the learning process for those who are studying introductory aspects of control systems the authors accomplish this by teaching the use of matlab and its control system toolbox to rapidly solve a wide range of numerical problems this book also provides the user with opportunities to apply techniques of linear system analysis which forms the basis for the analysis and design of feedback control systems this approach frees the user from the laborious calculations required to solve meaningful problems thus allowing him or her to concentrate on interpreting the analysis and design results topical coverage includes both classical control design method and state space models and design methods some specific topics covered are root locus plots frequency response analysis system performance proportional integral derivative control and frequency response design this updated printing revises the book and code examples available for downloading from the brooks cole site to matlab v5

Fundamentals of Signals and Systems Using MATLAB *1997*

harness the power of matlab for deep learning challenges this book provides an introduction to deep learning and using matlab s deep learning toolboxes you ll see how these toolboxes provide the complete set of functions needed to implement all aspects of deep learning along the way you ll learn to model complex systems including the stock market natural language and angles only orbit determination you ll cover dynamics and control and integrate deep learning algorithms and approaches using matlab you ll also apply deep learning to aircraft navigation using images finally you ll carry out classification of ballet pirouettes using an inertial measurement unit to experiment with matlab s hardware capabilities what you will learnexplore deep learning using matlab and compare it to algorithmswrite a deep learning function in matlab and train it with examplesuse matlab toolboxes related to deep learningimplement tokamak disruption predictionwho this book is for engineers data scientists and students wanting a book rich in examples on deep learning using matlab

Simulation of Dynamic Systems with Matlab(r) and Simulink(r) 2021-12-13

continuous signals and systems with matlab offers broad detailed and focused comprehensive coverage of continuous linear systems based on basic mathematical principles it presents many solved problems from various engineering disciplines using analytical tools as well as matlab this book is intended primarily for undergraduate junior and senior electrical mechanical aeronautical and aerospace engineering students practicing engineers will also find this book useful this book is ideal for use in a one semester course in continuous linear systems where the instructor can easily cover all of the chapters each chapter presents numerous examples that illustrate each concept most of the worked out examples are first solved analytically and then solved using matlab in a clear and understandable fashion this book concentrates on explaining the subject matter with easy to follow mathematical development and numerous solved examples the book covers traditional topics and includes an extensive coverage of state space representation and analysis the reader does not need to be fluent in matlab because the examples are presented in a self explanatory way

Feedback Control Problems 2000

this book is primarily intended for junior level students who take the courses on signals and systems it may be useful as a reference text for practicing engineers and scientists who want to acquire some of the concepts required for signal proce ing the readers are assumed to know the basics about linear algebra calculus on complex numbers differentiation and integration differential equations laplace r transform and matlab some knowledge about circuit systems will be helpful knowledge in signals and systems is crucial to students majoring in electrical engineering the main objective of this book is to make the readers prepared for studying advanced subjects on signal processing communication and control by covering from the basic concepts of signals and systems to manual like introduc r r tions of how to use the matlab and simulink tools for signal analysis and lter design the features of this book can be summarized as follows 1 it not only introduces the four fourier analysis tools ctfs continuous time fourier series ctft continuous time fourier transform dft discrete time fourier transform and dtfs discrete time fourier series but also illuminates the relationship among them so that the readers can realize why only the dft of the four tools is used for practical spectral analysis and why how it differs from the other ones and further think about how to reduce the difference to get better information about the spectral characteristics of signals from the dft analysis

Practical MATLAB Deep Learning *2020-02-07*

developed from the author s graduate level courses the first edition of this book filled the need for a comprehensive self contained and hands on treatment of radar systems analysis and design it quickly became a bestseller and was widely adopted by many professors the second edition built on this successful format by rearranging and updating

Continuous Signals and Systems with MATLAB® *2020-10-08*

matlab simpowersystems software is a modern design tool that allows scientists and engineers to rapidly and easily build models that simulate power systems it uses the

simulink environment allowing you to build a model using simple click and drag procedures not only can you draw the circuit topology rapidly but your analysis of the circuit can include its interactions with mechanical thermal control and other disciplines this is possible because all the electrical parts of the simulation interact with the extensive simulink modeling library since simulink uses the matlab computational engine designers can also use matlab toolboxes and simulink blocksets simpowersystems software belongs to the physical modeling product family and uses similar block and connection line interface simpowersystems software and other products of the physical modeling product family work together with simulink software to model electrical mechanical and control systems

Signals and Systems with MATLAB 2009-06-18

this book is a self learning guide to matlab based control system design it is written in a lucid way so that any of the control system or matlab beginner can confidently use it this is an ideal book for the control system courses in undergraduate and poly technic level it is divided into two sections viz an introduction to matlab and control system simulation using matlab the first section gives an introduction and basic concepts on matlab the second section is a tutorial for control systems and its matlab implementation bode plot root locus nyquist plot and nicholas plot have been discussed at the simplest level and step by step methods to plot them are elaborately discussed other distinguished features of this book include state space analysis and transient response analysis using matlab a large number of solved numerical problems and exercise problems are given at the end of each chapter

Radar Systems Analysis and Design Using MATLAB *2016-04-19*

this textbook provides a pedagogically rich approach to what can often be a mathematically dry subject chaparro introduces both continuous and discrete time systems then covers each separately in depth

Simulating Power Systems Using Matlab and Simulink *2016-11-20*

digital communication using matlab and simulink is intended for a broad audience for the student taking a traditional course the text provides simulations of the matlab and simulink systems and the opportunity to go beyond the lecture or laboratory and develop investigations and projects for the professional the text facilitates an expansive review of and experience with the tenets of digital communication systems

Simulation of Dynamic Systems with Matlab and Simulink 1998

for a one quarter or one semster course on signals and systems this new edition delivers an accessible yet comprehensive analytical introduction to continuous time and discrete time signals and systems it also incorporates a strong emphasis on solving problems and exploring concepts using demos downloaded data and matlabâ to demonstrate solutions for a wide range of problems in engineering and other fields such as financial data analysis its flexible structure adapts easily for courses taught by semester or by quarter

A First Course on Control Systems Using Matlab *2011-10*

this text contains a comprehensive discussion of continuous and discrete time signals and systems with many examples from matlab software used to write efficient compact programs to solve electrical and computer engineering problems of varying complexity intended for junior and senior level electrical engineering students and for self study by working professionals it discusses laplace transformation and circuit analysis impulse response fourier series z transform and the discrete fourier transform and fft solutions to all exercises are included in this revised edition

Signals and Systems Using MATLAB with Online Testing *2011*

Digital Communication Systems Using MATLAB and Simulink *2009*

Fundamentals of Signals and Systems Using the Web and MATLAB *2007*

Signals and Systems with MATLAB Applications *2003*