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Traveling Wave Solutions of Parabolic Systems Steady-state Solutions of Discrete-velocity Boltzmann Systems in Restricted Flow Regions Non-resonant Solutions in Hyperbolic-Parabolic Systems with Periodic Forcing Innovative Approaches and Solutions in Advanced Intelligent Systems *Recent Progress on Reaction-Diffusion Systems and Viscosity Solutions* **Modern Control Systems An Explicit Linear Filtering Solution for the Optimization of Guidance Systems with Statistical Inputs Constant-Sign Solutions of Systems of Integral Equations A Computer-Assisted Analysis System for Mathematical Programming Models and Solutions Solutions on Embedded Systems Solutions for Cyber-Physical Systems Ubiquity** *Periodic Solutions of Hamiltonian Systems and Related Topics* **The Zakharov System and its Soliton Solutions Emerging Solutions for Future Manufacturing Systems** Enterprise Information Systems and Advancing Business Solutions: Emerging Models Investigations Into Living Systems, Artificial Life, and Real-world Solutions *Management Information Systems for Enterprise Applications: Business Issues, Research and Solutions* **Computational Solution of Nonlinear Systems of Equations The Numerical Solution of Systems of Polynomials Arising in Engineering and Science Drop Heating and Evaporation: Analytical Solutions in Curvilinear Coordinate Systems Mathematical Aspects of Numerical Solution of Hyperbolic Systems** *International Journal of Mathematics, Game Theory, and Algebra* **IBM System Storage Solutions Handbook** Learning Management System Technologies and Software Solutions for Online Teaching: Tools and Applications Complex Systems: Solutions and Challenges in Economics, Management and Engineering Solaris Solutions for System Administrators **A key to Ingram's concise system of mathematics; containing solutions of all the questions prescribed in that work IBM System Storage Business Continuity: Part 2 Solutions Guide** A Mathematical Solution Book Containing Systematic Solutions to Many of the Most Difficult Problems *Culture Media, Solutions, and Systems in Human ART* **Modern Control Systems Power System Planning Technologies and Applications: Concepts, Solutions and Management** Open Source Systems: Enterprise Software and Solutions Electrical Machines & Power Systems (Problems With Solutions) **Miracle, Solution and System Advanced Solutions in Power Systems** *Asymptotic Solutions of Strongly Nonlinear Systems of Differential Equations* **Periodic Solutions of Nonlinear Dynamical Systems** IBM System Storage Open Systems Tape Encryption Solutions **Solutions of Nonlinear Schr?dinger Systems**

Traveling Wave Solutions of Parabolic Systems Nov 02 2022 The theory of travelling waves described by parabolic equations and systems is a rapidly developing branch of modern mathematics. This book presents a general picture of current results about wave solutions of parabolic systems, their existence, stability, and bifurcations. With introductory material accessible to non-mathematicians and a nearly complete bibliography of about 500 references, this book is an excellent resource on the subject.

An Explicit Linear Filtering Solution for the Optimization of Guidance Systems with Statistical Inputs Apr 26 2022

Open Source Systems: Enterprise Software and Solutions Jan 30 2020 This book constitutes the refereed proceedings of the 14th IFIP WG 2.13 International Conference on Open Source Systems, OSS 2018, held in Athens, Greece, in June 2018. The 14 revised full papers and 2 short papers presented were carefully reviewed and selected from 38 submissions. The papers cover a wide range of topics in the field of free/libre open source software (FLOSS) and are organized in the following thematic sections: organizational aspects of OSS projects, OSS projects validity, mining OSS data, OSS in public administration, OSS governance, and OSS reusability.

Electrical Machines & Power Systems (Problems With Solutions) Dec 31 2019 This book contains problems in Electrical Machines & Powert Systems (Problems with Solutions). I have used these and other problems in the class room for many years. In most of the solutions I have deliberately avoided giving theoretical explantions, because an average student should know the theyr well before attempting to solve any proble. However, in each chapter, I have provided a brief introduction related to the chapter so that students are made aware of the contents of the chapter before reading the problems and their solutions. The introduction related to each chapter contains Objective type Questions and their answers. The introductions contains brief notes on the topics of the chapters and also include Indian Standards for testing and maintenance of substation, equipments, transformer, overhead lines, underground cables and materials.

International Journal of Mathematics, Game Theory, and Algebra Jan 12 2021

A Mathematical Solution Book Containing Systematic Solutions to Many of the Most Difficult Problems Jun 04 2020

Modern Control Systems May 28 2022 Modern Control Systems, 12e, is ideal for an introductory undergraduate course in control systems for engineering students. Written to be equally useful for all engineering disciplines, this text is organized around the concept of control systems theory as it has been developed in the frequency and time domains. It provides coverage of classical control, employing root locus design, frequency and response design using Bode and Nyquist plots. It also covers modern control methods based on state variable models including pole placement design techniques with full-state feedback controllers and full-state observers. Many examples throughout give students ample opportunity to apply the theory to the design and analysis of control systems. Incorporates computer-aided design and analysis using MATLAB and LabVIEW MathScript.

Culture Media, Solutions, and Systems in Human ART May 04 2020 Detailed discussion of the history, current status and significance of ART media and the culture systems for their use.

Investigations Into Living Systems, Artificial Life, and Real-world Solutions Jul 18 2021 "This book provides original research on the theoretical and applied aspects of artificial life, as well as addresses scientific, psychological, and social issues of synthetic life-like behavior and abilities"--Provided by publisher.

Non-resonant Solutions in Hyperbolic-Parabolic Systems with Periodic Forcing Aug 31 2022 This thesis is a mathematical investigation of damping effects in hyperbolic systems. In the first part two models from nonlinear acoustics are studied. Existence of time-periodic solutions to the Blackstock-Crighton equation and the Kuznetsov equation are established for time-periodic data sufficiently restricted in size. This leads to the conclusion that the dissipative effects in these models are sufficient to avoid resonance. In the second part the interaction of a viscous fluid with an elastic structure is studied. A periodic cell structure filled with

a viscous fluid interacting with a deformable boundary of the cell is considered under time-periodic forcing. The motion of the fluid is governed by the Navier-Stokes equations and the deformable boundary is governed by the plate equation. It is shown that the damping mechanism induced by the viscous fluid is sufficient to avoid resonance in the elastic structure.

Mathematical Aspects of Numerical Solution of Hyperbolic Systems Feb 10 2021 This important new book sets forth a comprehensive description of various mathematical aspects of problems originating in numerical solution of hyperbolic systems of partial differential equations. The authors present the material in the context of the important mechanical applications of such systems, including the Euler equations of gas dynamics, magnetohydrodynamics (MHD), shallow water, and solid dynamics equations. This treatment provides-for the first time in book form-a collection of recipes for applying higher-order non-oscillatory shock-capturing schemes to MHD modelling of physical phenomena. The authors also address a number of original "nonclassical" problems, such as shock wave propagation in rods and composite materials, ionization fronts in plasma, and electromagnetic shock waves in magnets. They show that if a small-scale, higher-order mathematical model results in oscillations of the discontinuity structure, the variety of admissible discontinuities can exhibit disperse behavior, including some with additional boundary conditions that do not follow from the hyperbolic conservation laws. Nonclassical problems are accompanied by a multiple nonuniqueness of solutions. The authors formulate several selection rules, which in some cases easily allow a correct, physically realizable choice. This work systematizes methods for overcoming the difficulties inherent in the solution of hyperbolic systems. Its unique focus on applications, both traditional and new, makes Mathematical Aspects of Numerical Solution of Hyperbolic Systems particularly valuable not only to those interested the development of numerical methods, but to physicists and engineers who strive to solve increasingly complicated nonlinear equations.

Solaris Solutions for System Administrators Sep 07 2020 Teaches how to work smart and avoid the many pitfalls of managing Solaris systems Covers the latest release of Solaris, Solaris 9, as well as earlier versions Written by experts with years of Solaris experience Packed with practical, hands-on solutions to tough problems, showing how to avoid costly mistakes Tackles managing system performance; the Sun Fire line of Solaris enterprise servers; installing, configuring, and patching Solaris; and ensuring security

Complex Systems: Solutions and Challenges in Economics, Management and Engineering Oct 09 2020 This book presents an authoritative collection of contributions reporting on fuzzy logic and decision theory, together with applications and case studies in economics and management science. Dedicated to Professor Jaume Gil Aluja in recognition of his pioneering work, the book reports on theories, methods and new challenges, thus offering not only a timely reference guide but also a source of new ideas and inspirations for graduate students and researchers alike.

Solutions of Nonlinear Schr?dinger Systems Jun 24 2019 The existence and qualitative properties of nontrivial solutions for some important nonlinear Schr?dinger systems have been studied in this thesis. For a well-known system arising from nonlinear optics and Bose-Einstein condensates (BEC), in the subcritical case, qualitative properties of ground state solutions, including an optimal parameter range for the existence, the uniqueness and asymptotic behaviors, have been investigated and the results could firstly partially answer open questions raised by Ambrosetti, Colorado and Sirakov. In the critical case, a systematical research on ground state solutions, including the existence, the nonexistence, the uniqueness and the phase separation phenomena of the limit profile has been presented, which seems to be the first contribution for BEC in the critical case. Furthermore, some quite different phenomena were also studied in a more general critical system. For the classical Brezis-Nirenberg critical exponent problem, the sharp energy estimate of least energy solutions in a ball has been investigated in this study. Finally, for Ambrosetti type linearly coupled Schr?dinger equations with critical exponent, an optimal result on the existence and nonexistence of ground state solutions for different coupling constants was also obtained in this thesis. These results have many applications in Physics and PDEs.

Emerging Solutions for Future Manufacturing Systems Sep 19 2021 Industries and particularly the manufacturing sector have been facing difficult challenges in a context of socio-economic turbulence characterized by complexity as well as the speed of change in causal interconnections in the socio-economic environment. In order to respond to these challenges companies are forced to seek new technological and organizational solutions. In this context two main characteristics emerge as key properties of a modern automation system – agility and distribution. Agility because systems need not only to be flexible in order to adjust to a number of a-priori defined scenarios, but rather must cope with unpredictability. Distribution in the sense that automation and business processes are becoming distributed and supported by collaborative networks. Emerging Solutions for Future Manufacturing Systems includes the papers selected for the BASYS'04 conference, which was held in Vienna, Austria in September 2004 and sponsored by the International Federation for Information Processing (IFIP).

IBM System Storage Business Continuity: Part 2 Solutions Guide Jul 06 2020 This IBM Redbooks publication is a companion to IBM System Storage Business Continuity: Part 1 Planning Guide, SG24-6547 . We assume that the reader of this book has understood the concepts of Business Continuity planning described in that book. In this book we explore IBM System Storage solutions for Business Continuity, within the three segments of Continuous Availability, Rapid Recovery, and Backup and Restore. We position these solutions within the Business Continuity tiers. We describe, in general, the solutions available in each segment, then present some more detail on many of the products. In each case, the reader is pointed to sources of more information.

Miracle, Solution and System Nov 29 2019 Solution-focused systemic structural constellations for therapy and organisational change. Constellation work is an effective way of externalising and working with problems in family and organisational life. Solution focused practice is the art of building solutions as simply as possible. The author combines the two and sets out a radical yet gentle form of practice. The pioneering work of the author and her partner Matthias Varga von Kibed is highly influential in Europe and appears here in English for the first time.

The Zakharov System and its Soliton Solutions Oct 21 2021 This book focuses on the theory of the Zakharov system in the context of plasma physics. It has been over 40 years since the system was first derived by V. E. Zakharov – and in the course of those decades, many innovative achievements with major impacts on other research fields have been made. The book represents a first attempt to highlight the mathematical theories that are most important to researchers, including the existence and unique problems, blow-up, low regularity, large time behavior and the singular limit. Rather than attempting to examine every aspect of the Zakharov system in detail, it provides an effective road map to help readers access the frontier of studies on this system.

Solutions for Cyber-Physical Systems Ubiquity Dec 23 2021 Cyber-physical systems play a crucial role in connecting aspects of online life to physical life. By studying emerging trends in these systems, programming techniques can be optimized and strengthened to create a higher level of effectiveness. Solutions for Cyber-Physical Systems Ubiquity is a critical reference source that discusses the issues and challenges facing the implementation, usage, and challenges of cyber-physical systems. Highlighting relevant topics such as the Internet of Things, smart-card security, multi-core environments, and wireless sensor nodes, this scholarly publication is ideal for engineers, academicians, computer science students, and researchers that would like to stay abreast of current methodologies and trends involving cyber-physical system progression.

Periodic Solutions of Hamiltonian Systems and Related Topics Nov 21 2021 This volume contains the proceedings of a NATO Advanced Research Workshop on Periodic Solutions of Hamiltonian Systems held in Il Ciocco, Italy on October 13-17, 1986. It also contains some papers that were an outgrowth of the meeting. On behalf of the members of the Organizing Committee, who are also the editors of these proceedings, I

thank all those whose contributions made this volume possible and the NATO Science Committee for their generous financial support. Special thanks are due to Mrs. Sally Ross who typed all of the papers in her usual outstanding fashion. Paul H. Rabinowitz Madison, Wisconsin April 2, 1987 xi 1 PERIODIC SOLUTIONS OF SINGULAR DYNAMICAL SYSTEMS Antonio Ambrosetti Vittorio Coti Zelati Scuola Normale Superiore SISSA Piazza dei Cavalieri Strada Costiera 11 56100 Pisa, Italy 34014 Trieste, Italy ABSTRACT. The paper contains a discussion on some recent advances in the existence of periodic solutions of some second order dynamical systems with singular potentials. The aim of this paper is to discuss some recent advances in th.e existence of periodic solutions of some second order dynamical systems with singular potentials.

Solutions on Embedded Systems Jan 24 2022 Embedded systems have an increasing importance in our everyday lives. The growing complexity of embedded systems and the emerging trend to interconnections between them lead to new challenges. Intelligent solutions are necessary to overcome these challenges and to provide reliable and secure systems to the customer under a strict time and financial budget. Solutions on Embedded Systems documents results of several innovative approaches that provide intelligent solutions in embedded systems. The objective is to present mature approaches, to provide detailed information on the implementation and to discuss the results obtained.

A key to Ingram's concise system of mathematics; containing solutions of all the questions prescribed in that work Aug 07 2020

IBM System Storage Open Systems Tape Encryption Solutions Jul 26 2019 This IBM® Redbooks® publication discusses IBM System Storage Open Systems Tape Encryption solutions. It specifically describes Tivoli Key Lifecycle Manager (TKLM) Version 2, which is a Java software program that manages keys enterprise-wide and provides encryption-enabled tape drives with keys for encryption and decryption. The book explains various methods of managing IBM tape encryption. These methods differ in where the encryption policies reside, where key management is performed, whether a key manager is required, and if required, how the tape drives communicate with it. The security and accessibility characteristics of encrypted data create considerations for clients which do not exist with storage devices that do not encrypt data. Encryption key material must be kept secure from disclosure or use by any agent that does not have authority to it; at the same time it must be accessible to any agent that has both the authority and need to use it at the time of need. This book is written for readers who need to understand and use the various methods of managing IBM tape encryption.

Recent Progress on Reaction-Diffusion Systems and Viscosity Solutions Jun 28 2022

Constant-Sign Solutions of Systems of Integral Equations Mar 26 2022 This monograph provides a complete and self-contained account of the theory, methods, and applications of constant-sign solutions of integral equations. In particular, the focus is on different systems of Volterra and Fredholm equations. The presentation is systematic and the material is broken down into several concise chapters. An introductory chapter covers the basic preliminaries. Throughout the book many examples are included to illustrate the theory. The book contains a wealth of results that are both deep and interesting. This unique book will be welcomed by mathematicians working on integral equations, spectral theory, and on applications of fixed point theory and boundary value problems.

Management Information Systems for Enterprise Applications: Business Issues, Research and Solutions Jun 16 2021 "This book provides the conceptual and methodological foundations that reflect interdisciplinary concerns regarding research in management information systems, investigating the future of management information systems by means of analyzing a variety of MIS and service-related concepts in a wide range of disciplines"--Provided by publisher.

The Numerical Solution of Systems of Polynomials Arising in Engineering and Science Apr 14 2021 ' Written by the founders of the new and expanding field of numerical algebraic geometry, this is the first book that uses an algebraic-geometric approach to the numerical solution of polynomial systems and also the first one to treat numerical methods for finding positive dimensional solution sets. The text covers the full theory from methods developed for isolated solutions in the 1980's to the most recent research on positive dimensional sets. Contents:Background:Polynomial SystemsHomotopy ContinuationProjective SpacesGenericity and Probability OnePolynomials of One VariableOther MethodsIsolated Solutions:Coefficient-Parameter HomotopyPolynomial StructuresCase StudiesEndpoint EstimationChecking Results and Other Implementation TipsPositive Dimensional Solutions:Basic Algebraic GeometryBasic Numerical Algebraic GeometryA Cascade Algorithm for Witness SupersetsThe Numerical Irreducible DecompositionThe Intersection of Algebraic SetsAppendices:Algebraic GeometrySoftware for Polynomial ContinuationHomLab User's Guide Readership: Graduate students and researchers in applied mathematics and mechanical engineering. Keywords:Polynomial Systems;Numerical Methods;Homotopy Methods;Mechanical Engineering;Numerical Algebraic Geometry;Kinematics;RoboticsKey Features:Useful introduction to the field for graduate students and researchers in related areasIncludes exercises suitable for classroom use and self-studyIncludes Matlab software to illustrate the methodIncludes many graphical illustrationsIncludes a detailed summary of useful results from algebraic geometryReviews:"The text is written in a very smooth and intelligent form, yielding a readable book whose contents are accessible to a wide class of readers, even to undergraduate students, provided that they accept that some delicate points of some of the proofs could be omitted. Its readability and fast access to the core of the book makes it recommendable as a pleasant read."Mathematical Reviews "This is an excellent book on numerical solutions of polynomials systems for engineers, scientists and numerical analysts. As pioneers of the field of numerical algebraic geometry, the authors have provided a comprehensive summary of ideas, methods, problems of numerical algebraic geometry and applications to solving polynomial systems. Through the book readers will experience the authors' original ideas, contributions and their techniques in handling practical problems … Many interesting examples from engineering and science have been used throughout the book. Also the exercises are well designed in line with the content, along with the algorithms, sample programs in Matlab and author's own software 'HOMLAB' for polynomial continuation. This is a remarkable book that I recommend to engineers, scientists, researchers, professionals and students, and particularly numerical analysts who will benefit from the rapid development of numerical algebraic geometry."Zentralblatt MATH '

Enterprise Information Systems and Advancing Business Solutions: Emerging Models Aug 19 2021 "This book is to provide comprehensive coverage and understanding of various enterprise information systems (EIS) such as enterprise resource planning (ERP) and electronic commerce (EC) and their implications on supply chain management and organizational competitiveness"--Provided by publisher.

Steady-state Solutions of Discrete-velocity Boltzmann Systems in Restricted Flow Regions Oct 01 2022

Periodic Solutions of Nonlinear Dynamical Systems Aug 26 2019 Limit cycles or, more general, periodic solutions of nonlinear dynamical systems occur in many different fields of application. Although, there is extensive literature on periodic solutions, in particular on existence theorems, the connection to physical and technical applications needs to be improved. The bifurcation behavior of periodic solutions by means of parameter variations plays an important role in transition to chaos, so numerical algorithms are necessary to compute periodic solutions and investigate their stability on a numerical basis. From the technical point of view, dynamical systems with discontinuities are of special interest. The discontinuities may occur with respect to the variables describing the configuration space manifold or/and with respect to the variables of the vector-field of the dynamical system. The multiple shooting method is employed in computing limit cycles numerically, and is modified for systems with discontinuities. The theory is supported by numerous examples, mainly from the field of nonlinear vibrations. The text addresses mathematicians interested in engineering problems as well as engineers working with nonlinear dynamics.

A Computer-Assisted Analysis System for Mathematical Programming Models and Solutions Feb 22 2022 Welcome to ANALYZE, designed to provide computer assistance for analyzing linear programs and their solutions. Chapter 1 gives an overview of ANALYZE and how to install it. It also describes how to get started and how to obtain further documentation and help on-line. Chapter 2 reviews the forms of linear programming models and describes the syntax of a model. One of the routine, but important, functions of ANALYZE is to enable convenient access to rows and columns in the matrix by conditional delineation. Chapter 3 illustrates simple queries, like DISPLAY, LIST, and PICTURE. This chapter also introduces the SUBMAT command level to define any submatrix by an arbitrary sequence of additions, deletions and reversals. Syntactic explanations and a schema view are also illustrated. Chapter 4 goes through some elementary exercises to demonstrate computer assisted analysis and introduce additional conventions of the ANALYZE language. Besides simple queries, it demonstrates the INTERPRT command, which automates the analysis process and gives English explanations of results. The last 2 exercises are diagnoses of elementary infeasible instances of a particular model. Chapter 5 progresses to some advanced uses of ANALYZE. The first is blocking to obtain macro views of the model and for finding embedded substructures, like a netform. The second is showing rates of substitution described by the basic equations. Then, the use of the REDUCE and BASIS commands are illustrated for a variety of applications, including solution analysis, infeasibility diagnosis, and redundancy detection.

Advanced Solutions in Power Systems Oct 28 2019 Provides insight on both classical means and new trends in the application of power electronic and artificial intelligence techniques in power system operation and control This book presents advanced solutions for power system controllability improvement, transmission capability enhancement and operation planning. The book is organized into three parts. The first part describes the CSC-HVDC and VSC-HVDC technologies, the second part presents the FACTS devices, and the third part refers to the artificial intelligence techniques. All technologies and tools approached in this book are essential for power system development to comply with the smart grid requirements. Discusses detailed operating principles and diagrams, theory of modeling, control strategies and physical installations around the world of HVDC and FACTS systems Covers a wide range of Artificial Intelligence techniques that are successfully applied for many power system problems, from planning and monitoring to operation and control Each chapter is carefully edited, with drawings and illustrations that helps the reader to easily understand the principles of operation or application Advanced Solutions in Power Systems: HVDC, FACTS, and Artificial Intelligence is written for graduate students, researchers in transmission and distribution networks, and power system operation. This book also serves as a reference for professional software developers and practicing engineers.

Learning Management System Technologies and Software Solutions for Online Teaching: Tools and Applications Nov 09 2020 "This book gives a general coverage of learning management systems followed by a comparative analysis of the particular LMS products, review of technologies supporting different aspect of educational process, and, the best practices and methodologies for LMS-supported course delivery"-- Provided by publisher.

Drop Heating and Evaporation: Analytical Solutions in Curvilinear Coordinate Systems Mar 14 2021 This book describes analytical methods for modelling drop evaporation, providing the mathematical tools needed in order to generalise transport and constitutive equations and to find analytical solutions in curvilinear coordinate systems. Transport phenomena in gas mixtures are treated in considerable detail, and the basics of differential geometry are introduced in order to describe interface-related transport phenomena. One chapter is solely devoted to the description of sixteen different orthogonal curvilinear coordinate systems, reporting explicitly on the forms of their differential operators (gradient, divergent, curl, Laplacian) and transformation matrices. The book is intended to guide the reader from mathematics, to physical descriptions, and ultimately to engineering applications, in order to demonstrate the effectiveness of applied mathematics when properly adapted to the real world. Though the book primarily addresses the needs of engineering researchers, it will also benefit graduate students.

Innovative Approaches and Solutions in Advanced Intelligent Systems Jul 30 2022 This volume is a selected collection of papers presented and discussed at the International Conference "Advanced Computing for Innovation (AComIn 2015)". The Conference was held at 10th -11th of November, 2015 in Sofia, Bulgaria and was aimed at providing a forum for international scientific exchange between Central/Eastern Europe and the rest of the world on several fundamental topics of computational intelligence. The papers report innovative approaches and solutions in hot topics of computational intelligence – advanced computing, language and semantic technologies, signal and image processing, as well as optimization and intelligent control.

Asymptotic Solutions of Strongly Nonlinear Systems of Differential Equations Sep 27 2019 The book is dedicated to the construction of particular solutions of systems of ordinary differential equations in the form of series that are analogous to those used in Lyapunov's first method. A prominent place is given to asymptotic solutions that tend to an equilibrium position, especially in the strongly nonlinear case, where the existence of such solutions can't be inferred on the basis of the first approximation alone. The book is illustrated with a large number of concrete examples of systems in which the presence of a particular solution of a certain class is related to special properties of the system's dynamic behavior. It is a book for students and specialists who work with dynamical systems in the fields of mechanics, mathematics, and theoretical physics.

IBM System Storage Solutions Handbook Dec 11 2020 The IBM® System Storage® Solutions Handbook helps you solve your current and future data storage business requirements. It helps you achieve enhanced storage efficiency by design to allow managed cost, capacity of growth, greater mobility, and stronger control over storage performance and management. It describes the most current IBM storage products, including the IBM SpectrumTM family, IBM FlashSystem®, disk, and tape, as well as virtualized solutions such IBM Storage Cloud. This IBM Redbooks® publication provides overviews and information about the most current IBM System Storage products. It shows how IBM delivers the right mix of products for nearly every aspect of business continuance and business efficiency. IBM storage products can help you store, safeguard, retrieve, and share your data. This book is intended as a reference for basic and comprehensive information about the IBM Storage products portfolio. It provides a starting point for establishing your own enterprise storage environment. This book describes the IBM Storage products as of March, 2016.

Modern Control Systems Apr 02 2020

Power System Planning Technologies and Applications: Concepts, Solutions and Management Mar 02 2020 "This book focuses on the technical planning of power systems, taking into account technological evolutions in equipment as well as the economic, financial, and societal factors that drive supply and demand and have implications for technical planning at the micro level"--Provided by publisher.

Computational Solution of Nonlinear Systems of Equations May 16 2021 Nonlinear equations arise in essentially every branch of modern science, engineering, and mathematics. However, in only a very few special cases is it possible to obtain useful solutions to nonlinear equations via analytical calculations. As a result, many scientists resort to computational methods. This book contains the proceedings of the Joint AMS-SIAM Summer Seminar, ``Computational Solution of Nonlinear Systems of Equations,'' held in July 1988 at Colorado State University. The aim of the book is to give a wide-ranging survey of essentially all of the methods which comprise currently active areas of research in the computational solution of systems of nonlinear equations. A number of ``entry-level'' survey papers were solicited, and a series of test

problems has been collected in an appendix. Most of the articles are accessible to students who have had a course in numerical analysis.