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A Minicourse on Stochastic Partial Differential Equations Springer Science & Business Media This title contains lectures that offer an introduction to modern topics in stochastic partial differential equations and bring together experts whose research is centered on the interface between Gaussian analysis, stochastic analysis, and stochastic PDEs. **Generalized Inverses: Theory and Computations** Springer This book begins with the fundamentals of the generalized inverses, then moves to more advanced topics. It presents a theoretical study of the generalization of Cramer's rule, determinant representations of the generalized inverses, reverse order law of the generalized inverses of a matrix product, structures of the generalized inverses of structured matrices, parallel computation of the generalized inverses, perturbation analysis of the generalized inverses, an algorithmic study of the computational methods for the full-rank factorization of a generalized inverse, generalized singular value decomposition, imbedding method, finite method, generalized inverses of polynomial matrices, and generalized inverses of linear operators. This book is intended for researchers, postdocs, and graduate students in the area of the generalized inverses with an undergraduate-level understanding of linear algebra. **Brownian Motion** Cambridge University Press This eagerly awaited textbook covers everything the graduate student in probability wants to know about Brownian motion, as well as the latest research in the area. Starting with the construction of Brownian motion, the book then proceeds to sample path properties like continuity and nowhere differentiability. Notions of fractal dimension are introduced early and are used throughout the book to describe fine properties of Brownian paths. The relation of Brownian motion and random walk is explored from several viewpoints, including a development of the theory of Brownian local times from random walk embeddings. Stochastic integration is introduced as a tool and an accessible treatment of the potential theory of Brownian motion clears the path for an extensive treatment of intersections of Brownian paths. An investigation of exceptional points on the Brownian path and an appendix on SLE processes, by Oded Schramm and Wendelin Werner, lead directly to recent research themes. **Problem-Solving Strategies** Springer Science & Business Media A unique collection of competition problems from over twenty major national and international mathematical competitions for high school students. Written for trainers and participants of contests of all levels up to the highest level, this will appeal to high school teachers conducting a mathematics club who need a range of simple to complex problems and to those instructors wishing to pose a "problem of the week", thus bringing a creative atmosphere into the classrooms. Equally, this is a must-have for individuals interested in solving difficult and challenging problems. Each chapter starts with typical examples illustrating the central concepts and is followed by a number of carefully selected problems and their solutions. Most of the solutions are complete, but some merely point to the road leading to the final solution. In addition to being a valuable resource of mathematical problems and solution strategies, this is the most complete training book on the market. **Modern Electric, Hybrid Electric, and Fuel Cell Vehicles** CRC Press "This book is an introduction to automotive technology, with specic reference to battery electric, hybrid electric, and fuel cell electric vehicles. It could serve electrical engineers who need to know more about automobiles or automotive engineers who need to know about electrical propulsion systems. For example, this reviewer, who is a specialist in electric machinery, could use this book to better understand the automobiles for which the reviewer is designing electric drive motors. An automotive engineer, on the other hand, might use it to better understand the nature of motors and electric storage systems for application in automobiles, trucks or motorcycles. The early chapters of the book are accessible to technically literate people who need to know something about cars. While the rst chapter is historical in nature, the second chapter is a good introduction to automobiles, including dynamics of propulsion and braking. The third chapter discusses, in some detail, spark ignition and compression ignition (Diesel) engines. The fourth chapter discusses the nature of transmission systems." —James Kirtley, Massachusetts Institute of Technology, USA "The third edition covers extensive topics in modern electric, hybrid electric, and fuel cell vehicles, in which the profound knowledge, mathematical modeling, simulations, and control are clearly presented. Featured with design of various vehicle drivetrains, as well as a multi-objective optimization software, it is an estimable work to meet the needs of automotive industry." —Haiyan Henry Zhang, Purdue University, USA "The extensive combined experience of the authors have produced an extensive volume covering a broad range but detailed topics on the principles, design and architectures of Modern Electric, Hybrid Electric, and Fuel Cell Vehicles in a well-structured, clear and concise manner. The

volume offers a complete overview of technologies, their selection, integration & control, as well as an interesting Technical Overview of the Toyota Prius. The technical chapters are complemented with example problems and user guides to assist the reader in practical calculations through the use of common scientic computing packages. It will be of interest mainly to research postgraduates working in this eld as well as established academic researchers, industrial R&D engineers and allied professionals." —Christopher Donaghy-Sparg, Durham University, United Kingdom The book deals with the fundamentals, theoretical bases, and design methodologies of conventional internal combustion engine (ICE) vehicles, electric vehicles (EVs), hybrid electric vehicles (HEVs), and fuel cell vehicles (FCVs). The design methodology is described in mathematical terms, step-by-step, and the topics are approached from the overall drive train system, not just individual components. Furthermore, in explaining the design methodology of each drive train, design examples are presented with simulation results. All the chapters have been updated, and two new chapters on Mild Hybrids and Optimal Sizing and Dimensioning and Control are also included • Chapters updated throughout the text. • New homework problems, solutions, and examples. • Includes two new chapters. • Features accompanying MATLABTM software. COMPOSITE MATHEMATICS FOR CLASS 7 S. Chand Publishing Composite Mathematics is a series of books for Pre Primer to Class 8 which conforms to the latest CBSE curriculum. The main aim of writing this series is to help the children understand difficult mathematical concepts in a simple manner in easy language. Mathematical Reviews Theory and Computation of Tensors Multi-Dimensional Arrays Academic Press Theory and Computation of Tensors: Multi-Dimensional Arrays investigates theories and computations of tensors to broaden perspectives on matrices. Data in the Big Data Era is not only growing larger but also becoming much more complicated. Tensors (multi-dimensional arrays) arise naturally from many engineering or scientific disciplines because they can represent multi-relational data or nonlinear relationships. Provides an introduction of recent results about tensors Investigates theories and computations of tensors to broaden perspectives on matrices Discusses how to extend numerical linear algebra to numerical multi-linear algebra Offers examples of how researchers and students can engage in research and the applications of tensors and multi-dimensional arrays The SAGE Handbook of Social Media Research Methods SAGE With coverage of the entire research process in social media, data collection and analysis on specific platforms, and innovative developments in the field, this handbook is the ultimate resource for those looking to tackle the challenges that come with doing research in this sphere. Fractals in Probability and Analysis Cambridge University Press This is a mathematically rigorous introduction to fractals which emphasizes examples and fundamental ideas. Building up from basic techniques of geometric measure theory and probability, central topics such as Hausdorff dimension, self-similar sets and Brownian motion are introduced, as are more specialized topics, including Kakeya sets, capacity, percolation on trees and the traveling salesman theorem. The broad range of techniques presented enables key ideas to be highlighted, without the distraction of excessive technicalities. The authors incorporate some novel proofs which are simpler than those available elsewhere. Where possible, chapters are designed to be read independently so the book can be used to teach a variety of courses, with the clear structure offering students an accessible route into the topic. Numerical And Symbolic Computations Of Generalized Inverses World Scientific We introduce new methods connecting numerics and symbolic computations, i.e., both the direct and iterative methods as well as the symbolic method for computing the generalized inverses. These will be useful for Engineers and Statisticians, in addition to applied mathematicians.Also, main applications of generalized inverses will be presented. Symbolic method covered in our book but not discussed in other book, which is important for numerical-symbolic computations. An Introduction to Mathematical Statistics and Its Applications Pearson College Division Noted for its integration of real-world data and case studies, this text offers sound coverage of the theoretical aspects of mathematical statistics. The authors demonstrate how and when to use statistical methods, while reinforcing the calculus that students have mastered in previous courses. Throughout the Fifth Edition, the authors have added and updated examples and case studies, while also refining existing features that show a clear path from theory to practice. Theory and Computation of Complex Tensors and its Applications Springer Nature The book provides an introduction of very recent results about the tensors and mainly focuses on the authors' work and perspective. A systematic description about how to extend the numerical linear algebra to the numerical multi-linear algebra is also delivered in this book. The authors design the neural network model for the computation of the rank-one approximation of real tensors, a normalization algorithm to convert some nonnegative tensors to plane stochastic tensors and a probabilistic algorithm for locating a positive diagonal in a nonnegative tensors, adaptive randomized algorithms for computing the approximate tensor decompositions, and the QR type method for computing U-eigenpairs of complex tensors. This book could be used for the Graduate course, such as Introduction to Tensor. Researchers may also find it helpful as a reference in tensor research. On the Coefficients of Cyclotomic Polynomials American Mathematical Soc. This book studies the coefficients of cyclotomic polynomials. Let $a(m,n)$ be the m th coefficient of the n th cyclotomic polynomial $\Phi_n(z)$, and let $a(m)=\textnormal{max}_n \vert a(m,n)\vert$. The principal result is an asymptotic formula for $\textnormal{log}a(m)$ that improves a recent estimate of Montgomery and Vaughan. Bachman also gives similar formulae for the logarithms of the one-sided extrema $a^*(m)=\textnormal{max}_na(m,n)$ and $a_*(m)=\textnormal{min}_na(m,n)$. In the course of the proof, estimates are obtained for certain exponential sums which are of independent interest. Lion Hunting & Other Mathematical Pursuits: A Collection of Mathematics, Verse and Stories American Mathematical Soc. In the famous paper of 1938, "A Contribution to the Mathematical Theory of Big Game Hunting", written by Ralph Boas along with Frank Smithies, using the pseudonym H. Pétard, Boas describes sixteen methods for hunting a lion. This marvelous collection of Boas memorabilia contains not only the original article, but also several additional articles, as late as 1985, giving many further methods. But once you are through with lion hunting, you can hunt through the remainder of the book to find numerous gems by and about this remarkable

mathematician. Not only will you find his biography of Bourbaki along with a description of his feud with the French mathematician, but also you will find a lucid discussion of the mean value theorem. There are anecdotes Boas told about many famous mathematicians, along with a large collection of his mathematical verses. You will find mathematical articles like a proof of the fundamental theorem of algebra and pedagogical articles giving Boas' views on making mathematics intelligible. Sign Pattern for Generalized Inverses EDP Sciences This book addresses recent developments in sign patterns for generalized inverses. The fundamental importance of the fields is obvious, since they are related with qualitative analysis of linear systems and combinatorial matrix theory. The book provides both introductory materials and discussions to the areas in sign patterns for Moore-Penrose inverse, Drazin inverse and tensors. It is intended to convey results to the senior students and readers in pure and applied linear algebra, and combinatorial matrix theory. Changjiang BU is a Professor at the College of Mathematical Sciences, Harbin Engineering University, who works on the graph theory and generalized inverses. He is the author of more than 100 papers in the international journals and one monograph. Lizhu SUN is an Associate Professor at the College of Mathematical Sciences, Harbin Engineering University, who works on the graph theory and multilinear algebra. She is the author of 25 research papers. Yimin WEI is a Professor at the School of Mathematical Sciences, Fudan University, who works on the numerical linear algebra and multilinear algebra. He is the author of more than 150 papers in the international journals and six monographs published by Science Press, Elsevier, Springer and World Scientific., etc. Effective Condition Number for Numerical Partial Differential Equations For a numerical method, its stability is a crucial issue in the sense that an unstable algorithm can render it useless in practical computation. For an over-determined linear algebraic equation, its stability is typically evaluated by using the traditional condition number, Cond=, where and are the maximal and the minimal singular values of matrix, respectively. In this book, the concept of an effective condition number, Cond_eff=, is introduced. Cond_eff is smaller, and generally much smaller, than Cond, and is a better stability criterion. The Cond_eff can be used as an estimation on stability for the numerical solutions of partial differential equations (PDEs) using algorithms, such as the collocation Trefftz method, the spectral method, the finite difference method, and the finite element method. An analysis of stability integrated with errors is the focus of this book. Disinformation in Open Online Media Second Multidisciplinary International Symposium, MISDOOM 2020, Leiden, The Netherlands, October 26–27, 2020, Proceedings Springer Nature Chapters "Identifying Political Sentiments on YouTube: A Systematic Comparison regarding the Accuracy of Recurrent Neural Network and Machine Learning Models", "Do Online Trolling Strategies Differ in Political and Interest Forums: Early Results" and "Students Assessing Digital News and Misinformation" are available open access under a Creative Commons Attribution 4.0 International License via link.springer.com. Littlewood's Miscellany Cambridge University Press Academic life in Cambridge especially in Trinity College is viewed through the eyes of one of its greatest figures. Most of Prof. Littlewood's earlier work is presented along with a wealth of new material. Algebraic Properties of Generalized Inverses Springer This book addresses selected topics in the theory of generalized inverses. Following a discussion of the "reverse order law" problem and certain problems involving completions of operator matrices, it subsequently presents a specific approach to solving the problem of the reverse order law for {1} -generalized inverses. Particular emphasis is placed on the existence of Drazin invertible completions of an upper triangular operator matrix; on the invertibility and different types of generalized invertibility of a linear combination of operators on Hilbert spaces and Banach algebra elements; on the problem of finding representations of the Drazin inverse of a 2x2 block matrix; and on selected additive results and algebraic properties for the Drazin inverse. In addition to the clarity of its content, the book discusses the relevant open problems for each topic discussed. Comments on the latest references on generalized inverses are also included. Accordingly, the book will be useful for graduate students, PhD students and researchers, but also for a broader readership interested in these topics. The Age of New Waves Art Cinema and the Staging of Globalization Oxford University Press on Demand The Age of New Waves is a global and comparative study of new wave cinemas, from the French nouvelle vague to films from Taiwan and mainland China in the late twentieth century, that focuses on the relationships among art cinema, youth, and cities during the era of globalization. Abstracts of Papers Presented to the American Mathematical Society An Introduction to Structural Optimization Springer Science & Business Media This book has grown out of lectures and courses given at Linköping University, Sweden, over a period of 15 years. It gives an introductory treatment of problems and methods of structural optimization. The three basic classes of geometrical - timization problems of mechanical structures, i. e. , size, shape and topology op- mization, are treated. The focus is on concrete numerical solution methods for d- crete and (?nite element) discretized linear elastic structures. The style is explicit and practical: mathematical proofs are provided when arguments can be kept e- mentary but are otherwise only cited, while implementation details are frequently provided. Moreover, since the text has an emphasis on geometrical design problems, where the design is represented by continuously varying—frequently very many— variables, so-called ?rst order methods are central to the treatment. These methods are based on sensitivity analysis, i. e. , on establishing ?rst order derivatives for - jectives and constraints. The classical ?rst order methods that we emphasize are CONLIN and MMA, which are based on explicit, convex and separable appro- mations. It should be remarked that the classical and frequently used so-called op- mality criteria method is also of this kind. It may also be noted in this context that zero order methods such as response surface methods, surrogate models, neural n- works, genetic algorithms, etc. , essentially apply to different types of problems than the ones treated here and should be presented elsewhere. The Spoken Arabic of Egypt Dalcassian Publishing Company Sociological Abstracts CSA Sociological Abstracts abstracts and indexes the international literature in sociology and related disciplines in the social and behavioral sciences. The database provides abstracts of journal articles and citations to book reviews drawn from over 1,800+ serials publications, and also provides abstracts of books, book chapters,

dissertations, and conference papers. International Aerospace Abstracts Introduction to Stochastic Processes Waveland Press An excellent introduction for computer scientists and electrical and electronics engineers who would like to have a good, basic understanding of stochastic processes! This clearly written book responds to the increasing interest in the study of systems that vary in time in a random manner. It presents an introductory account of some of the important topics in the theory of the mathematical models of such systems. The selected topics are conceptually interesting and have fruitful application in various branches of science and technology. Symplectic Geometric Algorithms for Hamiltonian Systems Springer Science & Business Media "Symplectic Geometric Algorithms for Hamiltonian Systems" will be useful not only for numerical analysts, but also for those in theoretical physics, computational chemistry, celestial mechanics, etc. The book generalizes and develops the generating function and Hamilton-Jacobi equation theory from the perspective of the symplectic geometry and symplectic algebra. It will be a useful resource for engineers and scientists in the fields of quantum theory, astrophysics, atomic and molecular dynamics, climate prediction, oil exploration, etc. Therefore a systematic research and development of numerical methodology for Hamiltonian systems is well motivated. Were it successful, it would imply wide-ranging applications. How Asia Works Success and Failure in the World's Most Dynamic Region Profile Books Until the catastrophic economic crisis of the late 1990s, East Asia was perceived as a monolithic success story. But heady economic growth rates masked the most divided continent in the world - one half the most extraordinary developmental success story ever seen, the other half a paper tiger. Joe Studwell explores how policies ridiculed by economists created titans in Japan, Korea and Taiwan, and are now behind the rise of China, while the best advice the West could offer sold its allies in South-East Asia down the economic river. The first book to offer an Asia-wide deconstruction of success and failure in economic development, Studwell's latest work is provocative and iconoclastic - and sobering reading for most of the world's developing countries. How Asia Works is a must-read book that packs powerful insights about the world's most misunderstood continent. Natural Language Processing and Chinese Computing 8th CCF International Conference, NLPCC 2019, Dunhuang, China, October 9–14, 2019, Proceedings, Part I Springer Nature This two-volume set of LNAI 11838 and LNAI 11839 constitutes the refereed proceedings of the 8th CCF Conference on Natural Language Processing and Chinese Computing, NLPCC 2019, held in Dunhuang, China, in October 2019. The 85 full papers and 56 short papers presented were carefully reviewed and selected from 492 submissions. They are organized in the following topical sections: Conversational Bot/QA/IR; Knowledge graph/IE; Machine Learning for NLP; Machine Translation; NLP Applications; NLP for Social Network; NLP Fundamentals; Text Mining; Short Papers; Explainable AI Workshop; Student Workshop: Evaluation Workshop. Multimedia Content Analysis and Mining International Workshop, MCAM 2007, Weihai, China, June 30-July 1, 2007, Proceedings Springer Prominent international experts came together to present and debate the latest findings in the field at the 2007 International Workshop on Multimedia Content Analysis and Mining. This volume includes forty-six papers from the workshop as well as thirteen invited papers. The papers cover a wide range of cutting-edge issues, including all aspects of multimedia in the fields of entertainment, commerce, science, medicine, and public safety. A Concise Course on Stochastic Partial Differential Equations Springer These lectures concentrate on (nonlinear) stochastic partial differential equations (SPDE) of evolutionary type. There are three approaches to analyze SPDE: the "martingale measure approach", the "mild solution approach" and the "variational approach". The purpose of these notes is to give a concise and as self-contained as possible an introduction to the "variational approach". A large part of necessary background material is included in appendices. High School Algebra II Unlocked Your Key to Mastering Algebra II Princeton Review This eBook edition has been specially formatted for on-screen viewing with cross-linked questions, answers, and explanations. UNLOCK THE SECRETS OF ALGEBRA II with THE PRINCETON REVIEW. Algebra can be a daunting subject. That's why our new High School Unlocked series focuses on giving you a wide range of key techniques to help you tackle subjects like Algebra II. If one method doesn't "click" for you, you can use an alternative approach to understand the concept or problem, instead of painfully trying the same thing over and over without success. Trust us—unlocking the secrets of algebra doesn't have to hurt! With this book, you'll discover the link between abstract concepts and their real-world applications and build confidence as your skills improve. Along the way, you'll get plenty of practice, from fully guided examples to independent end-of-chapter drills and test-like samples. Everything You Need to Know About Algebra II. • Complex concepts explained in clear, straightforward ways • Walk-throughs of sample problems for all topics • Clear goals and self-assessments to help you pinpoint areas for further review • Step-by-step examples of different ways to approach problems Practice Your Way to Excellence. • Drills and practice questions in every chapter • Complete answer explanations to boost understanding • ACT- and SAT-like questions for hands-on experience with how Algebra II may appear on major exams High School Algebra II Unlocked covers: • complex numbers and polynomials • graphing and solving systems of equations • radical and rational expressions and inequalities • trigonometric equations • logarithmic functions and operations • statistical modeling ... and more! Shanghai Quartet The Crossings of Four Women of China Duquesne Steeped in the Chinese tradition of recording family tales and keeping the family register, Min-Zhan Lu gives us this moving and powerful memoir describing the lives of four women of China--her grandmother, her nanny, her mother, and herself. "I wrote these family stories hoping that you will someday want to read them," she writes to her daughter in the book's opening lines. "I offer them to you as beginnings: notes on a lifeline of crossings for you to take over and work on." The complex emotional landscape of this book centers around Min-Zhan Lu--both the immigrant who has crossed over to America and the tale-teller. In each of four sections, she tells us the intergenerational story of these women, each of whom crosses over time, history, custom and geography to come into her own. This overall frame is a vehicle for a woman trying to recite the family stories for her daughter--partly to heal the complex divisions between them, partly to understand her own past and how it has shaped her identity, partly as an act of the larger love she longs to

represent, partly to sing the past into the future. But Shanghai Quartet, amazingly, is even more than such a vehicle for a mother-daughter dialogue and story. This book paints a less-than-familiar portrait of Chinese life in the last century. Here, as we come to know Min-Zhan Lu's family, we find credible lives, not propaganda or stereotypes. We see so much: a Chinese Catholic family in Shanghai; the events of the Cultural Revolution through a child's family experiences; the decision to come to America and be separated from family; and the next, postmodern generation of young Chinese abroad. Fractal Geometry and Applications: A Jubilee of Benoit Mandelbrot American Mathematical Soc. Commercial Banking Risk Management Regulation in the Wake of the Financial Crisis Springer This edited collection comprehensively addresses the widespread regulatory challenges uncovered and changes introduced in financial markets following the 2007-2008 crisis, suggesting strategies by which financial institutions can comply with stringent new regulations and adapt to the pressures of close supervision while responsibly managing risk. It covers all important commercial banking risk management topics, including market risk, counterparty credit risk, liquidity risk, operational risk, fair lending risk, model risk, stress test, and CCAR from practical aspects. It also covers major components of enterprise risk management, a modern capital requirement framework, and the data technology used to help manage risk. Each chapter is written by an authority who is actively engaged with large commercial banks, consulting firms, auditing firms, regulatory agencies, and universities. This collection will be a trusted resource for anyone working in or studying the commercial banking industry. Computational Intelligence and Decision Making Trends and Applications Springer Science & Business Media This book provides a general overview and original analysis of new developments and applications in several areas of Computational Intelligence and Information Systems. Computational Intelligence has become an important tool for engineers to develop and analyze novel techniques to solve problems in basic sciences such as physics, chemistry, biology, engineering, environment and social sciences. The material contained in this book addresses the foundations and applications of Artificial Intelligence and Decision Support Systems, Complex and Biological Inspired Systems, Simulation and Evolution of Real and Artificial Life Forms, Intelligent Models and Control Systems, Knowledge and Learning Technologies, Web Semantics and Ontologies, Intelligent Tutoring Systems, Intelligent Power Systems, Self-Organized and Distributed Systems, Intelligent Manufacturing Systems and Affective Computing. The contributions have all been written by international experts, who provide current views on the topics discussed and present recent, original insights from their own experience in these fields. Sharing the Fish '06 Allocation Issues in Fisheries Management, 27 February-2 March 2006, Fremantle, Western Australia Food & Agriculture Org These proceedings contain the main papers and presentations from Sharing the Fish '06 Conference: Allocation issues in fisheries management conference that was held in Fremantle, Western Australia, 27 February to 2 March 2006. They include the substantial work of the keynote and invited speakers covering the three theme sessions of the conference which addressed the critical fisheries management topics of: (i) allocations across jurisdictions (including governmental, regional and multilateral, and national allocation issues); (ii) allocations within sectors (including extractive and non-extractive allocations issues; management issues; and, commercial, artisanal and tourism allocations issues); and (iii) allocations between sectors (including customary/indigenous, recreational, commercial, and artisanal/subsistence allocation issues). Stochastic Partial Differential Equations: Six Perspectives Six Perspectives American Mathematical Soc. Presents the main topics of interest in the field of stochastic partial differential equations (SPDEs), emphasizing breakthroughs and such basic issues as the role of SPDEs in stochastic modeling, how SPDEs arise, and how their theory is applied in different disciplines. Emphasis is placed on the genesis and applications of SPDEs, as well as mathematical theory and numerical methods. Suitable for graduate level students, researchers. Annotation copyrighted by Book News, Inc., Portland, OR. Handbook of Augmented Reality Springer Science & Business Media Augmented Reality (AR) refers to the merging of a live view of the physical, real world with context-sensitive, computer-generated images to create a mixed reality. Through this augmented vision, a user can digitally interact with and adjust information about their surrounding environment on-the-fly. Handbook of Augmented Reality provides an extensive overview of the current and future trends in Augmented Reality, and chronicles the dramatic growth in this field. The book includes contributions from world expert s in the field of AR from academia, research laboratories and private industry. Case studies and examples throughout the handbook help introduce the basic concepts of AR, as well as outline the Computer Vision and Multimedia techniques most commonly used today. The book is intended for a wide variety of readers including academicians, designers, developers, educators, engineers, practitioners, researchers, and graduate students. This book can also be beneficial for business managers, entrepreneurs, and investors.