Choosing A Le Application

This thoroughly revised and updated Second Edition provides an in-depth information that readers need to fully exploit the functionality of Microsoft’s ASP.NET framework and Oracle’s Database Server to build dynamic and interactive web applications that can handle a large number of simultaneous users. The book provides readers with information pertaining to ASP.NET 4.0 architecture; its installation, web controls, master pages, themes, state management, AJAX and deployment of web applications. It includes the Hypertext Markup Language (HTML) and the Cascading Style Sheet (CSS), which are used for designing the web pages. In order to facilitate an easy learning of intricate concepts involved in the development of data-driven dynamic web applications, the book provides a detailed treatment on the Oracle Structured Query Language (SQL) and Oracle PL/SQL. It also introduces the distributed architecture and discusses how ASP.NET framework, Oracle database and Internet Information Services (IIS) can be used to develop and deploy the solutions for distributed environment. After going through this book, the students/professionals will be able to: • Develop data-driven web applications using Oracle as back-end. • Present data through data-bound controls. • Manage consistent look and fill using master pages and themes. • Develop stateful e-commerce applications. • Develop rich interactive web applications using AJAX. • Embed Microsoft Reports to produce dynamic printable output. • Debug, deploy and secure web applications. The book is intended to serve as a guide for the undergraduate and postgraduate students of Computer Science, Computer Applications and Information Technology. Besides, it would also be useful to IT professionals to enhance their technical skills. Key Features More than 100 worked-out examples and 20 assignments. Around 200 objective and subjective type questions. Two real-world case studies with solutions. Project development work following the complete SDLC process model. Three appendices, namely Integrating Microsoft Reports in ASP.NET, Installation of Visual Studio 2010, and Answers to Chapter-end Practice Questions. New to the Second Edition Provides information for designing and developing the web applications using Visual Studio. Includes two new chapters—one on Master Pages, Themes and State Manage-ment and the other on AJAX in ASP.NET and Web Deployment of Application. Includes the new features of ASP.NET 4.0. Gives additional questions in each chapter. Includes a CD-ROM, which contains programs (tested with ASP.NET 4.0 and compatible with Oracle 10g) corresponding to all the examples, assignments, case studies and the project included in the book. The installation processes of programs are described in the relevant chapters of the book.

In algebraic topology some classical invariants - such as Betti numbers and Reidemeister torsion - are defined for compact spaces and finite group actions. They can be generalized using von Neumann algebras and their traces, and applied also to non-compact spaces and infinite groups. These new L2-invariants contain very interesting and novel information and can be applied to problems arising in topology, K-Theory, differential geometry, non-commutative geometry and spectral theory. The book, written in an accessible manner, presents a comprehensive introduction to this area of research, as well as its most recent results and developments.

PCMag.com is a leading authority on technology, delivering Labs-based, independent reviews of the latest products and services. Our expert industry analysis and practical solutions help you make better buying decisions and get more from technology.

Vector calculus is the fundamental language of mathematical physics. It pro vides a way to describe physical quantities in three-dimensional space and the way in which these quantities vary. Many topics in the physical sciences can be analysed mathematically using the techniques of vector calculus. These top ics include fluid dynamics, solid mechanics and electromagnetism, all of which involve a description of vector and scalar quantities in three dimensions. This book assumes no previous knowledge of vectors. However, it is assumed that the reader has a knowledge of basic calculus, including differentiation, integration and partial differentiation. Some knowledge of linear algebra is also required, particularly the concepts of matrices and determinants. The book is designed to be self-contained, so that it is suitable for a pro gramme of individual study. Each of the eight chapters introduces a new topic, and to facilitate understanding of the material, frequent reference is made to physical applications. The physical nature of the subject is clarified with over sixty diagrams, which provide an important aid to the comprehension of the new concepts. Following the introduction of each new topic, worked examples are provided. It is essential that these are studied carefully, so that a full un derstanding is developed before moving ahead. Like much of mathematics, each section of the book is built on the foundations laid in the earlier sections and chapters.

These Lecture Notes contain the material relative to the courses given at the CIME summer school held in Cetraro, Italy from August 29 to September 3, 2011. The topic was "Hamilton-Jacobi Equations: Approximations, Numerical Analysis and Applications". The courses dealt mostly with the following subjects: first order and second order Hamilton-Jacobi-Bellman equations, properties of viscosity solutions, asymptotic behaviors, mean field games, approximation and numerical methods, idempotent analysis. The content of the courses ranged from an introduction to viscosity solutions to quite advanced topics, at the cutting edge of research in the field. We believe that they opened perspectives on new and delicate issues. These lecture notes contain four contributions by Yves Achdou (Finite Difference Methods for Mean Field Games), Guy Barles (An Introduction to the Theory of Viscosity Solutions for First-order Hamilton-Jacobi Equations and Applications), Hitoshi Ishii (A Short Introduction to Viscosity Solutions and the Large Time Behavior of Solutions of Hamilton-Jacobi Equations) and Grigory Litvinov (Idempotent/Tropical Analysis, the Hamilton-Jacobi and Bellman Equations).

Special Edition Using Visual C++.NET is a comprehensive resource to help readers leverage the exciting new features of Visual C++.NET as well as port their existing skills to the new .NET development environment. The book shows how both Win32 and .NET applications work, not only instructing the reader in the use of Microsoft's Visual C++

wizards, but also showing what the wizards create. A variety of programming tasks from simple dialog boxes to database and Internet programming are included. Because of the new .NET platform developers in any of 17 languages (including Visual C++) will use the same class libraries to construct high-performance applications. SE Using Visual C++.NET will not only cover the new version of the software but also how to get maximum programming results from combining several languages into one project. Related technologies such as XML and XSLT are also covered, along with integrating Visual C++ code with Visual Basic and C# code.

This Book Provides A Complete And In-Depth Coverage Of The Doeacc Syllabus. It Would Prove Valuable To Both Students And Teachers. Written In An Easy-To-Understand Manner This Books Aims At Providing A Sound Theoretical As Well As Practical Basis For Unde

This volume contains the proceedings of the 4th International Conference on Numerical Methods and Applications. The major topics covered include: general finite difference, finite volume, finite element and boundary element methods, general numerical linear algebra and parallel computations, numerical methods for nonlinear problems and multiscale methods, multigrid and domain decomposition methods, CFD computations, mathematical modeling in structural mechanics, and environmental and engineering applications. The volume reflects the current research trends in the specified areas of numerical methods and their applications. Contents: Computational Issues in Large Scale Eigenvalue ProblemsCombustion Modeling in Industrial FurnacesMonte Carlo MethodsMultilevel Methods for Incompressible Viscous FlowsApproximation of Nonlinear and Functional PDEsSolving Linear Systems with Error ControlRegular Numerical Methods for Inverse and Ill-Posed ProblemsMultifield ProblemsParallel and Distributed Numerical Computing with ApplicationsParameter-Robust Numerical Methods for Singularly Perturbed and Convection-Dominated ProblemsFinite Difference MethodsFinite Element MethodsFinite Volume MethodsBoundary Element MethodsNumerical Linear AlgebraNumerical Methods for Nonlinear ProblemsNumerical Methods for Multiscale ProblemsMultigrid and Domain DecompositionComputational Fluid DynamicsMathematical Modelling in Structural MechanicsEnvironmental ModellingEngineering Applications Readership: Researchers in applied mathematics and computational physics. Keywords:Numerical Methods and Applications;General Finite Difference;General Numerical Linear Algebra;Parallel Computations;Nonlinear Problems and Multiscale Methods

This book constitutes the refereed proceedings of the 22nd International Conference on Applications of Evolutionary Computation, EvoApplications 2019, held in Leipzig, Germany, in April 2019, co-located with the Evo*2019 events EuroGP, EvoCOP and EvoMUSART. The 44 revised full papers presented were carefully reviewed and selected from 66 submissions. They were organized in topical sections named: Engineering and Real World Applications; Games; General; Image and Signal Processing; Life Sciences; Networks and Distributed Systems; Neuroevolution and Data Analytics; Numerical Optimization: Theory, Benchmarks, and Applications; Robotics.

This book will show you how to modernize your page-based, include-oriented PHP application by extracting and replacing its legacy artifacts. We will use a step-by-step approach, moving slowly and methodically, to improve your application from the ground up. Each completed step in the process will keep your codebase fully operational with higher quality. Please note that this book is about modernizing in terms of practice and technique, and not in terms of tools. We are not going to discuss the latest, hottest frameworks or libraries. Most of the very limited code we do add to your application is specific to this book. When we are done, you will be able to breeze through your code like the wind. Your code will be fully modernized: autoloaded, dependency-injected, unit-tested, layer-separated, and front-controlled.

Introduces various modeling and simulation methods and paradigms that are used to explain and solve the predominant challenges facing society Handbook of Real-World Applications in Modeling and Simulation provides a thorough explanation of modeling and simulation in the most useful, current, and predominant applied areas of transportation, homeland security, medicine, operational research, military science, and business modeling. Offering a cutting-edge and accessible presentation, this book discusses how and why the presented domains have become leading applications of modeling and simulation techniques. Contributions from leading academics and researchers integrate modeling and simulation theories, methods, and data to analyze challenges that involve technological and social issues. The book begins with an introduction that explains why modeling and simulation is a reliable analysis assessment tool for complex systems problems. Subsequent chapters provide an orientation to various modeling and simulation methods and paradigms that are used to explain and solve the predominant challenges across real-world applied domains. Additionally, the handbook: Provides a practical one-stop reference on modeling and simulation and contains an accessible introduction to key concepts and techniques Introduces, trains, and prepares readers from statistics, mathematics, engineering, computer science, economics, and business to use modeling and simulation in their studies and research Features case studies that are representative of fundamental areas of multidisciplinary studies and provides a concise look at the key concepts of modeling and simulation Contains a collection of original ideas on modeling and simulation to help academics and practitioners develop a multifunctional perspective Self-contained chapters offer a comprehensive approach to explaining each respective domain and include sections that explore the related history, theory, modeling paradigms, and case studies. Key terms and techniques are clearly outlined, and exercise sets allow readers to test their comprehension of the presented material. Handbook of Real-World Applications in Modeling and Simulation is an essential reference for academics and practitioners in the areas of operations research, business, management science, engineering, statistics, mathematics, and computer science. The handbook is also a suitable supplement for courses on modeling and simulation at the graduate level.

Microsoft's Visual J++ has emerged as the development environment of choice for programmers building Java applications and applets. This book provides all the essential information necessary for Java programmers who want to maximize the benefits of the Visual J++ development environment for fast programming and debugging. Some of the topics covered include: the Java language, graphics and animation, the Java API hierarchy, the abstract windowing toolkit, Java applet wizards, debugging, and project management. It also covers ActiveX integration which makes it possible to access databases and existing applications. This book covers the latest version of Visual J++.

This textbook guides massage therapists through each step of delivering a spa treatment—from consideration of the indications and contraindications to scope of practice issues, supplies, room set-up, specific procedure steps, and ideas for integrating massage techniques, spa products, and enhancing accents. While wet-room treatments are discussed, the focus is on dry-room treatments, which can be delivered in a wider variety of settings. More than 250 full-color photographs illustrate each technique and treatment. Treatment Snapshot boxes provide a quick overview of the treatment before the detailed step-by-step procedures section. Sanitation Boxes offer clean-up and sanitation tips. Sample Treatments include promotional descriptions, product recommendations, and recipes for creating inviting smell-scapes.

With contributions derived from presentations at an international conference, Non-Associative Algebra and Its Applications explores a wide range of topics focusing on Lie algebras, nonassociative rings and algebras, quasigroups, loops, and related systems as well as applications of nonassociative algebra to geometry, physics, and natural sciences. This book covers material such as Jordan superalgebras, nonassociative deformations, nonassociative generalization of Hopf algebras, the structure of free algebras, derivations of Lie algebras, and the identities of Albert algebra. It also includes applications of smooth quasigroups and loops to differential geometry and relativity.

This book constitutes the refereed proceedings of the 13th Chinese Conference on Image and Graphics Technologies and Applications, IGTA 2018, held in Beijing, China in

April, 2018. The 64 papers presented were carefully reviewed and selected from 138 submissions. They provide a forum for sharing progresses in the areas of image processing technology; image analysis and understanding; computer vision and pattern recognition; big data mining, computer graphics and VR; as well as image technology applications.
This book primarily deals with non-linear operator theory in topological vector spaces and applications. Recently, non-linear functional analysis has become a main field of mathematics, which has played an important role in physics, mechanics and engineering, operations research and economics and many others for the past few decades. The book presents a survey of some main ideas, concepts, methods and applications in non-linear functional analysis.
This book collects select papers presented at the “International Conference on Mathematical Analysis and Application in Modeling,” held at Jadavpur University, Kolkata, India, on 9–12 January 2018. It discusses new results in cutting-edge areas of several branches of mathematics and applications, including analysis, topology, dynamical systems (nonlinear, topological), mathematical modeling, optimization and mathematical biology. The conference has emerged as a powerful forum, bringing together leading academics, industry experts and researchers, and offering them a venue to discuss, interact and collaborate in order to stimulate the advancement of mathematics and its industrial applications.
This text offers a rigorous introduction into the theory and methods of convergence spaces and gives concrete applications to the problems of functional analysis. While there are a few books dealing with convergence spaces and a great many on functional analysis, there are none with this particular focus. The book demonstrates the applicability of convergence structures to functional analysis. Highlighted here is the role of continuous convergence, a convergence structure particularly appropriate to function spaces. It is shown to provide an excellent dual structure for both topological groups and topological vector spaces. Readers will find the text rich in examples. Of interest, as well, are the many filter and ultrafilter proofs which often provide a fresh perspective on a well-known result. Audience: This text will be of interest to researchers in functional analysis, analysis and topology as well as anyone already working with convergence spaces. It is appropriate for senior undergraduate or graduate level students with some background in analysis and topology.
Space, structure, and randomness: these are the three key concepts underlying Georges Matheron’s scientific work. He first encountered them at the beginning of his career when working as a mining engineer, and then they resurfaced in fields ranging from meteorology to microscopy. What could these radically different types of applications possibly have in common? First, in each one only a single realisation of the phenomenon is available for study, but its features repeat themselves in space; second, the sampling pattern is rarely regular, and finally there are problems of change of scale. This volume is divided in three sections on random sets, geostatistics and mathematical morphology. They reflect his professional interests and his search for underlying unity. Some readers may be surprised to find theoretical chapters mixed with applied ones. We have done this deliberately. GM always considered that the distinction between the theory and practice was purely academic. When GM tackled practical problems, he used his skill as a physicist to extract the salient features and to select variables which could be measured meaningfully and whose values could be estimated from the available data. Then he used his outstanding ability as a mathematician to solve the problems neatly and efficiently. It was his capacity to combine a physicist’s intuition with a mathematician’s analytical skills that allowed him to produce new and innovative solutions to difficult problems. The book should appeal to graduate students and researchers working in mathematics, probability, statistics, physics, spatial data analysis, and image analysis. In addition it will be of interest to those who enjoy discovering links between scientific disciplines that seem unrelated at first glance. In writing the book the contributors have tried to put GM’s ideas into perspective. During his working life, GM was a genuinely creative scientist. He developed innovative concepts whose usefulness goes far beyond the confines of the discipline for which they were originally designed. This is why his work remains as pertinent today as it was when it was first written.
Get ready to create killer apps for iPad and iPhone on the new iOS 7! With Apple's introduction of iOS 7, demand for developers who know the new iOS will be high. You need in-depth information about the new characteristics and capabilities of iOS 7, and that's what you'll find in this book. If you have experience with C or C++, this guide will show you how to create amazing apps for iPhone, iPad, and iPod touch. You'll also learn to maximize your programs for mobile devices using iPhone SDK 7.0. Advanced topics such as security services, running on multiple iPlatforms, and local networking with Core Bluetooth are also covered. Prepares experienced developers to create great apps for the newest version of Apple's iOS Thoroughly covers the serious capabilities of iOS 7; information you need in order to make your apps stand out Delves into advanced topics including how to control multitasking, security services, running apps on multiple iPlatforms and iDevices, enabling in-app purchases, advanced text layout, and building a core foundation Also covers REST, advanced GCD, internationalization and localization, and local networking with Core Bluetooth iOS 7 Programming: Pushing the Limits will help you develop applications that take full advantage of everything iOS 7 has to offer.
BiCMOS Technology and Applications, Second Edition provides a synthesis of available knowledge about the combination of bipolar and MOS transistors in a common integrated circuit - BiCMOS. In this new edition all chapters have been updated and completely new chapters on emerging topics have been added. In addition, BiCMOS Technology and Applications, Second Edition provides the reader with a knowledge of either CMOS or Bipolar technology/design a reference with which they can make educated decisions regarding the viability of BiCMOS in their own application. BiCMOS Technology and Applications, Second Edition is vital reading for practicing integrated circuit engineers as well as technical managers trying to evaluate business issues related to BiCMOS. As a textbook, this book is also appropriate at the graduate level for a special

topics course in BiCMOS. A general knowledge in device physics, processing and circuit design is assumed. Given the division of the book, it lends itself well to a two-part course; one on technology and one on design. This will provide advanced students with a good understanding of tradeoffs between bipolar and MOS devices and circuits.

Pattern recognition is a central topic in contemporary computer sciences, with continuously evolving topics, challenges, and methods, including machine learning, content-based image retrieval, and model- and knowledge-based - proaches, just to name a few. The Iberoamerican Congress on Pattern Recog- tion (CIARP) has become established as a high-quality conference, highlighting the recent evolution of the domain. These proceedings include all papers presented during the 15th edition of this conference, held in Sao Paulo, Brazil, in November 2010. As was the case for previous conferences, CIARP 2010 attracted parti- pants from around the world with the aim of promoting and disseminating - going research on mathematical methods and computing techniques for pattern recognition, computer vision, image analysis, and speech recognition, as well as their applications in such diverse areas as robotics, health, entertainment, space exploration, telecommunications, data mining, document analysis, and natural language processing and recognition, to name only a few of them. Moreover, it provided a forum for scienti?c research, experience exchange, sharing new kno- edge and increasing cooperation between research groups in pattern recognition and related areas. It is important to underline that these conferences have contributed sign- icantly to the growth of national associations for pattern recognition in the Iberoamerican region, all of them as members of the International Association for Pattern Recognition (IAPR).

I. In this second volume, we continue at first the study of non homogeneous boundary value problems for particular classes of evolu tion equations. 1 In Chapter 4 , we study parabolic operators by the method of Agranovitch-Vishik [lJ; this is step (i) (Introduction to Volume I, Section 4), i.e. the study of regularity. The next steps: (ii) transposition, (iii) interpolation, are similar in principle to those of Chapter 2, but involve rather considerable additional technical difficulties. In Chapter 5, we study hyperbolic operators or operators well defined in thesense of Petrowski or Schroedinger. Our regularity results (step (i)) seem to be new. Steps (ii) and (iii) are all3.logous to those of the parabolic case, except for certain technical differences. In Chapter 6, the results of Chapter'> 4 and 5 are applied to the study of optimal control problems for systems governed by evolution equations, when the control appears in the boundary conditions (so that non-homogeneous boundary value problems are the basic tool of this theory). Another type of application, to the characterization of "all" well-posed problems for the operators in question, is given in the Ap pendix. Still other applications, for example to numerical analysis, will be given in Volume 3.

"This book provides empirical studies on theoretical issues and outcomes in regards to the integration of innovative technology into language teaching and learning, discussing empirical findings and innovative research using software and applications that engage learners and promote successful learning"--Provided by publisher.

Discover a unique, critical-thinking approach to mastering MS Windows 10 concepts and skills with NEW PERSPECTIVES MICROSOFT WINDOWS 10: COMPREHENSIVE. In addition to in-depth coverage of essential topics, this book highlights some of the best new features in the Windows 10 Operating System, including Cortana, the new Edge browser, and new search functions. As part of the acclaimed New Perspectives Series, this book offers proven learning features to help you absorb key information, no matter what your learning style. A dynamic Visual Overview at the beginning of each module gives you a graphic preview of content and serves as a study guide for later use. ProSkills Boxes provide information about professional skills that relate to the module’s content. Troubleshoot Exercises let you apply your skills in a critical-thinking setting. Readers can trust NEW PERSPECTIVES MICROSOFT WINDOWS 10: COMPREHENSIVE for all of the MS Windows skills needed. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Profiles more than 1,400 accredited programs and offers information on admissions requirements, tuition, housing, and financial aid options.

Visual FoxPro has long been the perfect front end for client-server applications. Featuring a robust programming language, a full-featured IDE, and a powerful object model, rich client development has always been a joy. Inside, a native local data engine, integrated hooks into binding with remote data, and Rushmore technology make VFP your secret weapon when connecting to SQL back-ends. MySQL is the world's most popular open source SQL database, running on Windows, Linux, and Macintosh platforms. Version 5 incorporates big-iron features like stored procedures and transactions. These features, together with the royalty free runtime model of VFP and the open source licensing of MySQL make client-server applications built with these tools the most powerful and economical combination on the planet. And this book is the only one that shows you specifically how to install, configure, and connect MySQL and VFP, as well as build a variety of client-server user interfaces with VFP. Together with dozens of discussions of real world problems and potential solutions, you won't find a better guide to MySQL and VFP client-server development.

This book is a collection of articles on Physics with Trapped Charged Particles by speakers at the Les Houches Winter School. The articles cover all types of physics with charged particles, and are aimed at introducing the basic issues at hand, as well as the latest developments in the field. It is appropriate for PhD students and early career researchers, or interested parties new to the area. Contents:Physics with Trapped Charged Particles (M Knoop, N Madsen and R C Thompson)Detection Techniques for Trapped Ions (M Knoop)Cooling Techniques for Trapped Ions (D M Segal and Ch Wunderlich)Accumulation, Storage and Manipulation of Large Numbers of Positrons in Traps I — The Basics (C M Surko)Accumulation, Storage and Manipulation of Large Numbers of Positrons in Traps II — Selected Topics (C M Surko, J R Danielson and T R Weber)Waves in Non-neutral Plasma (F Anderegg)Internal Transport in Non-neutral Plasma (F Anderegg)Antihydrogen Formation and Trapping (N Madsen)Quantum Information Processing with Trapped Ions (C F Roos)Optical Atomic Clocks in Ion Traps (H S Margolis)Novel Penning Traps (J Verdú)Trapped Electrons as Electrical (Quantum) Circuits (J Verdú) Readership: University and college students undertaking mechanical, aerospace, electromechanical, engineering or applied mechanics programs. Key Features:Gives a basic overview of this new, vibrant area of researchGives a good introduction to the key issues in physics of this fieldContains contributions from researchers at the forefront of the fieldKeywords:Charged Particles;Particle Traps;Non-Neutral Plasma;Quantum Information;Penning Trap;Paul Trap;Rotating Wall;Laser Cooling;RF Trap;Atomic Clock

The most recent methods in various branches of lattice path and enumerative combinatorics along with relevant applications are nicely grouped together and represented in this research contributed volume. Contributions to this edited volume will be mainly research articles however it will also include several captivating, expository articles (along with pictures) on the life and mathematical work of leading researchers in lattice path combinatorics and beyond. There will be four or five expository articles in memory of Shreeram Shankar Abhyankar and Philippe Flajolet and honoring George Andrews and Lajos Takács. There may be another brief article in memory of Professors Jagdish Narayan Srivastava and Joti Lal Jain. New research results include the kernel method developed by Flajolet and others for counting different classes of lattice paths continues to produce new results in counting lattice paths. The recent investigation of Fishburn numbers has led to interesting counting interpretations and a family of fascinating congruences. Formulas for new methods to obtain the number of Fq-rational points of Schubert varieties in Grassmannians continues to have research interest and will be presented here. Topics to be included are far reaching and will include lattice path enumeration, tilings, bijections between paths and other combinatoric structures, non-intersecting lattice paths, varieties, Young tableaux, partitions, enumerative combinatorics, discrete distributions, applications to

queueing theory and other continuous time models, graph theory and applications. Many leading mathematicians who spoke at the conference from which this volume derives, are expected to send contributions including. This volume also presents the stimulating ideas of some exciting newcomers to the Lattice Path Combinatorics Conference series; “The 8th Conference on Lattice Path Combinatorics and Applications” provided opportunities for new collaborations; some of the products of these collaborations will also appear in this book. This book will have interest for researchers in lattice path combinatorics and enumerative combinatorics. This will include subsets of researchers in mathematics, statistics, operations research and computer science. The applications of the material covered in this edited volume extends beyond the primary audience to scholars interested queuing theory, graph theory, tiling, partitions, distributions, etc. An attractive bonus within our book is the collection of special articles describing the top recent researchers in this area of study and documenting the interesting history of who, when and how these beautiful combinatorial results were originally discovered.

Looking for a solution to get your students started in the computer world? This introductory text, CENTURY 21, JR. INPUT TECHNOLOGIES AND COMPUTER APPLICATIONS, 2e is the perfect companion for navigation of computer basics, file management, the Internet, keyboarding, handwriting recognition, speech recognition, tablet PCs, word processing, desktop publishing, spreadsheets, presentations, databases, HTML programming, and Web pages. CENTURY 21, JR. provides step-by-step guidance, with engaging activities labeled as Learn, Practice, and Apply. Units are divided into easy-to-manage chapters and projects will help students learn the features of Microsoft Office 2007. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

This work is based upon a Special Session on the Theory and Applications of Nonlinear Operators of Accretive and Monotone Type held during the recent meeting of the American Mathematical Society in San Francisco. It examines current developments in non-linear analysis, emphasizing accretive and monotone operator theory. The book presents a major survey/research article on partial functional differential equations with delay and an important survey/research article on approximation solvability.

This book constitutes the refereed proceedings of the 6th International Conference on Collective Intelligence, ICCCI 2014, held in Seoul, Korea, in September 2014. The 70 full papers presented were carefully reviewed and selected from 205 submissions. They address topics such as knowledge integration, data mining for collective processing, fuzzy, modal and collective systems, nature inspired systems, language processing systems, social networks and semantic web, agent and multi-agent systems, classification and clustering methods, multi-dimensional data processing, Web systems, intelligent decision making, methods for scheduling, image and video processing, collective intelligence in web systems, computational swarm intelligence, cooperation and collective knowledge.

The 18th International Conference on Rewriting Techniques and Applications, held in Paris, France in June 2007, featured presentations and discussions centering on some of the latest advances in the field. This volume presents the proceedings from that meeting. Papers cover current research on all aspects of rewriting, including applications, foundational issues, frameworks, implementations, and semantics.

Artificial Intelligence is one of the oldest and most exciting subfields of computing, covnering such areas as intelligent robotics, intelligent planning and scheduling, model-based reasoning, fault diagnosis, natural language processing, maching translation, knowledge representation and reasoning, knowledge-based systems, knowledge engineering, intelligent agents, machine learning, neural nets, genetic algorithms and knowledge management. The papers in this volume comprise the refereed proceedings of the Second International Conference on Artificial Intelligence Applications and Innovations,held in Beijing, China in 2005. A very promising sign of the growing importance of Artificial Intelligence techniques in practical applications is the large number of submissions received for the conference - more than 150. All papers were reviewed by at least two members of the Program Committee and the test 93 were selected for the conference and are included in this volume. The international nature of IFIP is amply reflected in the large number of countries represented here.

A guide for experienced programmers demonstrates the use of C# in conjunction with ASP.NET and Windows Forms to develop applications within the Microsoft.NET framwork.