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Fundamentals Of Robotics: Linking

Perception To Action - Xie Ming 2003-04-11

Tomorrow's robots, which includes the humanoid robot, can perform task like tutoring children, working as tour guides, driving humans to and from work, do the family shopping etc. Tomorrow's robots will enhance lives in ways we never dreamed possible. No time to attend the decisive meeting on Asian strategy? Let your robot go for you and make the decisions. Not feeling well enough to go to the clinic? Let Dr Robot come to you, make a diagnosis, and get you the necessary medicine for treatment. No time to coach the soccer team this week? Let the robot do it for you. Tomorrow's robots will be the most exciting and revolutionary things to happen to the world since the invention of the automobile. It will change the way we work, play, think, and live. Because of this, nowadays robotics is one of the most dynamic fields of scientific research. These days, robotics is offered in almost every university in the world. Most mechanical engineering departments offer a similar course at both the undergraduate and graduate levels. And increasingly, many computer and electrical engineering departments are also offering it. This book will guide you, the curious beginner, from yesterday to tomorrow. The book will cover practical knowledge in understanding, developing, and using robots as versatile equipment to automate a variety of industrial processes or tasks. But, the book will also discuss the possibilities we can look forward to

when we are capable of creating a vision-guided, learning machine.

Object-Oriented Database Programming

- Suad Alagic 2012-12-06

The major topic of this book is the integration of data and programming languages and the associated methodologies. To my knowledge, this is the first book on modern programming languages and programming methodology devoted entirely to database application environments. At the same time, it is written with the goal of reconciling the relational and object-oriented approaches to database management. One of the reasons that influenced my decision to write this book is my dissatisfaction with the fact that the existing books on programming methodology and the associated concepts, techniques, and programming language notation are largely based on mathematical problems and mathematically oriented algorithms. As such, they give the impression that modern program structures, associated techniques, and methodologies, not to speak of the formal ones, are applicable only to problems of that sort. Although important, such problems are of limited applicability and scale. This does not apply to books in which modern concepts, techniques, methodologies, and programming language notation are applied to systems programming. But, even so, this does not demonstrate that in entirely application-oriented problems-those in which modern computer technology is most widely used-modern

programming methodology is just as important. This book is meant to be a step toward providing a more convincing support of such a claim and, thus, is based entirely on common, what one might call business-oriented, problems in which database technology has been successfully used.

C# 6.0 in a Nutshell - Joseph Albahari 2015

"Covers .NET 4.6 & the Roslyn compiler"--Cover.

Find Your Killer Idea: The Essential Guide to

Discover the Right Business - Tim Cooley

2019-01-13

This essential step-by-step guide to finding a killer idea teaches: - How to identify a business idea that maximizes your current resources, a killer idea. - How to find the resources you may be missing that will be critical to the success of the business. - How to build a version of the product to test sales. - How to use ads to test an idea determine if there is a market. Throughout the books, you will find examples of businesses, successful and failed that have gone through the process. You will also be introduced to tools that can help you evaluate an idea and test your current entrepreneurial skills.

Empirical Evaluation Methods in Computer

Vision - Henrik I Christensen 2002-05-08

This book provides comprehensive coverage of methods for the empirical evaluation of computer vision techniques. The practical use of computer vision requires empirical evaluation to ensure that the overall system has a guaranteed performance. The book contains articles that cover the design of experiments for evaluation, range image segmentation, the evaluation of face recognition and diffusion methods, image matching using correlation methods, and the performance of medical image processing algorithms. Contents: Automated Performance Evaluation of Range Image Segmentation Algorithms Training/Test Data Partitioning for Empirical Performance Evaluation Analyzing PCA-Based Face Recognition Algorithms: Eigenvector Selection and Distance Measures Design of a Visual System for Detecting Natural Events by the Use of an Independent Visual Estimate: A Human Fall Detector Task-Based Evaluation of Image Filtering Within a Class of Geometry-Driven-Diffusion Algorithms A Comparative Analysis of Cross-Correlation Matching Algorithms Using a Pyramidal Resolution Approach Performance

Evaluation of Medical Image Processing Algorithms Readership: Students and researchers in computer vision.

Keywords: Computer Vision; Face

Recognition; Experimental Design; Image

Analysis; Performance Analysis; Image Databases

Don't Panic! I'm a Professional Citrix

Technical Architect - Citrix Technical Architect Book Press 2020-01-13

A funny customized lined notebook journal for a busy Citrix Technical Architect employee and team member. Give this keepsake book to a colleague, friend or family member, instead of a throw away greeting card to show how much they are appreciated. Can I sign this book? Yes, there's space on the first page to sign this book, just as you would a greeting card. Product Details: Pages: 100 lined pages with space for the date on each if required. Cover: Quality Matte finish. Size: Handy 6 x 9 inches. Format: Paperback. Gift Message Space? Yes, on first page.

Effects of Noise on People - James David Miller 1971

Devolution, Port Governance and Port

Performance - Mary R Brooks 2006-11-13

The relationship between ports and governments has changed profoundly over the past quarter of a century. Many governments have sought to extract themselves from the business of port operations and, in many cases, the provision of port services has devolved to local governments, communities or private management and administration. As such devolution implies a change in governance model, this trend raises questions about consequent performance. This issue examines the changed port management environment, focusing particularly on government policies such as devolution, regulatory reform and newly imposed governance models, all of which have exerted a significant influence over the nature of that changed environment. The issue is structured so as to first explore the devolution and port reform approaches for 14 countries or regions, before examining how ports are governed and what the choice of governance might mean for their performance. Part I introduces the issue, and provides a framework for defining the basic concepts involved in devolution; it paints a

picture of the current port environment, its likely future evolution and the expected impact this will have on the functioning of ports. Part II examines the port industry in 14 countries or administrations, and presents the thinking behind any devolution programs that have been implemented. Part III focuses on port governance and devolution generally, and examines governance from both strategic management and economics perspectives, including topics such as governance models, supranational governance and stakeholder conflict. Part IV examines the measurement of port performance and closes by providing conclusions and a future research agenda. This issue will be of interest to port managers, government officials and academics alike.

*Examines the relationship between ports and governments with a focus on devolution *Divided into sections that provide an overview, evaluate the port industry, discuss port governance, and suggest new measures of port performance *14 countries or regions are addressed

Entrepreneurship Education and Research in the Middle East and North Africa (MENA) -

Nezameddin Faghih 2018-08-01

This contributed volume explores and reveals the new developments, dynamics and recommendations for entrepreneurship education in the Middle East and North Africa (MENA) region. Presenting papers by respected experts in the field, it shares essential insights on the status quo of entrepreneurial education and training programs, the characteristics and motivations of early stage entrepreneurs, and the regional framework conditions in MENA. The book closes with a bibliometric perspective on the trends in the entrepreneurship research and education being developed in MENA.

Mastering System Center 2012 Operations Manager - Bob Cornelissen 2012-10-18

An essential guide on the latest version of Microsoft's server management tool Microsoft's powerful Mastering System Center 2012 Operations Manager introduces many exciting new and enhanced feature sets that allow for large-scale management of mission-critical servers. This comprehensive guide provides invaluable coverage to help organizations monitor their environments across computers, network, and storage infrastructures while

maintaining efficient and effective service levels across their applications. Provides intermediate and advanced coverage of all aspects of Systems Center 2012 Operations Manager, including designing, planning, deploying, managing, maintaining, and scripting Operations Manager Offers a hands-on approach by providing many real-world scenarios to show you how to use the tool in various contexts Anchors conceptual explanations in practical application Mastering System Center 2012 Operations Manager clearly shows you how this powerful server management tool can best be used to serve your organization's needs.

El Hadji Sy - Clémentine Deliss 2015-03-05

El Hadji Sy is one of the most significant figures in African contemporary art. Since the late 1970s, the Senegalese artist and curator has helped shape the country's thriving art scene through his innovative painting and performance art. But El Sy is also an internationally recognized activist, having founded the collectives Laboratoire Agit-Art and Tenq, which aim to create contemporary art that engages with the country's pressing social and political issues. The first comprehensive publication on El Sy, this book places the artist's work in the context of activism in Senegal since the country gained independence from France in 1960. Included are critical essays by Hans Belting, Elvira Dyangani Ose, and Pablo Lafuente who explore post-independence aesthetics and the effect of postwar relations between Germany and Senegal. The critical essays are supplemented with copious illustrations from the artist's archive—many never before seen—offering rare insight into the African art before the Global Turn of 1989.

Higher Education in the Arab World - Adnan Badran 2020-06-10

This book is the first major account of innovation and entrepreneurship in the Arab higher-education sector. It provides an update of the current situation and advances reasons for the under-performance of Arab universities in international ranking tables and the weaknesses of Arab economies. Specific proposals are made for upgrading curricula and assessment procedures as well as providing an environment that fosters innovation and entrepreneurial behaviour. The roles of university-based

technology and business parks are examined, with examples of successful business partnerships in the Arab region, Europe, and North America. Opportunities for innovation and entrepreneurship have never been greater with the wealth of rapidly developing transformative technologies that are driving the international knowledge economy. This book puts forward proposals for the management and exploitation of intellectual property, and for establishing businesses.

First-Order Logic and Automated Theorem Proving - Melvin Fitting 2012-12-06

There are many kinds of books on formal logic. Some have philosophers as their intended audience, some mathematicians, some computer scientists. Although there is a common core to all such books they will be very different in emphasis, methods, and even appearance. This book is intended for computer scientists. But even this is not precise. Within computer science formal logic turns up in a number of areas, from program verification to logic programming to artificial intelligence. This book is intended for computer scientists interested in automated theorem proving in classical logic. To be more precise yet, it is essentially a theoretical treatment, not a how-to book, although how-to issues are not neglected. This does not mean, of course, that the book will be of no interest to philosophers or mathematicians. It does contain a thorough presentation of formal logic and many proof techniques, and as such it contains all the material one would expect to find in a course in formal logic covering completeness but not incompleteness issues. The first item to be addressed is, what are we talking about and why are we interested in it. We are primarily talking about truth as used in mathematical discourse, and our interest in it is, or should be, self-evident. Truth is a semantic concept, so we begin with models and their properties. These are used to define our subject.

Agent Engineering - Jiming Liu 2001-06-01

Agent engineering concerns the development of autonomous computational or physical entities capable of perceiving, reasoning, adapting, learning, cooperating and delegating in a dynamic environment. It is one of the most promising areas of research and development in information technology, computer science and

engineering. This book addresses some of the key issues in agent engineering: What is meant by "autonomous agents"? How can we build agents with autonomy? What are the desirable capabilities of agents with respect to surviving (they will not die) and living (they will furthermore enjoy their being or existence)? How can agents cooperate among themselves? In order to achieve the optimal performance at the global level, how much optimization at the local, individual level and how much at the global level would be necessary? Contents: Introduction to Agent Engineering (J-M Liu et al.) Why Autonomy Makes the Agent (S Joseph & T Kawamura) Knowledge Granularity Spectrum, Action Pyramid, and the Scaling Problem (Y-M Ye & J K Tsotsos) The Motivation for Dynamic Decision-Making Frameworks in Multi-Agent Systems (K S Barber & C E Martin) Dynamically Organizing KDD Processes in a Multi-Agent KDD System (N Zhong et al.) Self-Organized Intelligence (J-M Liu) Valuation-Based Coalition Formation in Multi-Agent Systems (S J Johansson) Simulating How to Cooperate in Iterated Chicken and Prisoner's Dilemma Games (B Carlsson) Training Intelligent Agents Using Human Data Collected on the Internet (E Sklar et al.) Agent Dynamics: Soap Paradigm (F W K Lor) Readership: Computer scientists, programmers, information technology practitioners, systems engineers, managers, researchers and graduate students in engineering. Keywords:

Crack the Funding Code - Judy Robinett 2019-02-05

Crack the Funding Code demystifies the world of angel investing, venture capital, and corporate funding and lays out a strategic pathway for any entrepreneur to secure funding fast. Lack of funding is one of the biggest reasons small businesses fail. In 2016 in the United States alone, more than 31 percent of small business owners reported that they could not access adequate capital, and the lack of capital prevented them from growing the business/expanding operations, increasing inventory, or financing increased sales. This book will show you how to find the money, create pitches that attract investors, and then structure fair, ethical deals that will bring them new sources of outside capital and invaluable

professional advice. Crack the Funding Code gives you the broader perspective on: how funding works, how investors think, and what they need to hear to put their money where your mouth is. Every entrepreneur who reads this book will get easy-to-follow deal checklists, a roadmap of where and how to locate the best funding resources and top business mentors for their industry or geographical location, and a step-by-step process to create pitches that make their idea or business irresistible.

Soft Computing Approach to Pattern Recognition and Image Processing - Ashish Ghosh 2002

This volume provides a collection of sixteen articles containing review and new material. In a unified way, they describe the recent development of theories and methodologies in pattern recognition, image processing and vision using fuzzy logic, artificial neural networks, genetic algorithms, rough sets and wavelets with significant real life applications. The book details the theory of granular computing and the role of a rough-neuro approach as a way of computing with words and designing intelligent recognition systems. It also demonstrates applications of the soft computing paradigm to case based reasoning, data mining and bio-informatics with a scope for future research. The contributors from around the world present a balanced mixture of current theory, algorithms and applications, making the book an extremely useful resource for students and researchers alike. Contents: Pattern Recognition: Multiple Classifier Systems; Building Decision Trees from the Fourier Spectrum of a Tree Ensemble; Clustering Large Data Sets; Multi-objective Variable String Genetic Classifier: Application to Remote Sensing Imagery; Image Processing and Vision: Dissimilarity Measures Between Fuzzy Sets or Fuzzy Structures; Early Vision: Concepts and Algorithms; Self-organizing Neural Network for Multi-level Image Segmentation; Geometric Transformation by Moment Method with Wavelet Matrix; New Computationally Efficient Algorithms for Video Coding; Soft Computing for Computational Media Aesthetics: Analyzing Video Content for Meaning; Granular Computing and Case Based Reasoning: Towards Granular Multi-agent Systems; Granular Computing and Pattern Recognition; Case Base Maintenance: A Soft Computing Perspective; Real Life

Applications: Autoassociative Neural Network Models for Pattern Recognition Tasks in Speech and Image; Protein Structure Prediction Using Soft Computing; Pattern Classification for Biological Data Mining. Readership: Upper level undergraduates, graduates, researchers, academics and industrialists.

Corporate information systems management - 1992

Wellsprings of Knowledge - Dorothy Leonard-Barton 1998

Argues that knowledge is a renewable asset and a competitive advantage, and shows ways companies can effectively build and manage knowledge

Sound Insulation and Noise Reduction for Buildings. Code of Practice - British Standards Institute Staff 1999-08-15

Buildings, Sound insulation, Noise control (acoustic), Sound intensity, Design, Rooms, Acoustic waves, Physical planning, Legislation, Noise (environmental), Traffic, Roads, Air traffic, Railways, Industrial facilities, Building sites, Domestic facilities, Structural design, Hotels, Office buildings, Assembly facilities, Educational facilities, Cinemas, Construction systems parts, Walls, Partitions, Doors, Windows, Floors, Ceilings, Roofs, Air-conditioning systems, Ratings, Mathematical calculations, Airborne sound insulation, Impact sound insulation, Bibliography

A Basis for Theoretical Computer Science - M.A. Arbib 2012-12-06

Computer science seeks to provide a scientific basis for the study of information processing, the solution of problems by algorithms, and the design and programming of computers. The last forty years have seen increasing sophistication in the science, in the microelectronics which has made machines of staggering complexity economically feasible, in the advances in programming methodology which allow immense programs to be designed with increasing speed and reduced error, and in the development of mathematical techniques to allow the rigorous specification of program, process, and machine. The present volume is one of a series, The AKM Series in Theoretical Computer Science, designed to make key mathematical developments in computer science readily

accessible to under graduate and beginning graduate students. Specifically, this volume takes readers with little or no mathematical background beyond high school algebra, and gives them a taste of a number of topics in theoretical computer science while laying the mathematical foundation for the later, more detailed, study of such topics as formal language theory, computability theory, programming language semantics, and the study of program verification and correctness. Chapter 1 introduces the basic concepts of set theory, with special emphasis on functions and relations, using a simple algorithm to provide motivation. Chapter 2 presents the notion of inductive proof and gives the reader a good grasp on one of the most important notions of computer science: the recursive definition of functions and data structures.

Hidden Markov Models - Horst Bunke
2001-06-04

Hidden Markov models (HMMs) originally emerged in the domain of speech recognition. In recent years, they have attracted growing interest in the area of computer vision as well. This book is a collection of articles on new developments in the theory of HMMs and their application in computer vision. It addresses topics such as handwriting recognition, shape recognition, face and gesture recognition, tracking, and image database retrieval. This book is also published as a special issue of the *International Journal of Pattern Recognition and Artificial Intelligence* (February 2001). Contents: Introduction: A Simple Complex in Artificial Intelligence and Machine Learning (B H Juang) An Introduction to Hidden Markov Models and Bayesian Networks (Z Chahramani) Multi-Lingual Machine Printed OCR (P Natarajan et al.) Using a Statistical Language Model to Improve the Performance of an HMM-Based Cursive Handwriting Recognition System (U-V Marti & H Bunke) A 2-D HMM Method for Offline Handwritten Character Recognition (H-S Park et al.) Data-Driven Design of HMM Topology for Online Handwriting Recognition (J J Lee et al.) Hidden Markov Models for Modeling and Recognizing Gesture Under Variation (A D Wilson & A F Bobick) Sentence Lipreading Using Hidden Markov Model with Integrated Grammar (K Yu et al.) Tracking and Surveillance in Wide-

Area Spatial Environments Using the Abstract Hidden Markov Model (H H Bui et al.) Shape Tracking and Production Using Hidden Markov Models (T Caelli et al.) An Integrated Approach to Shape and Color-Based Image Retrieval of Rotated Objects Using Hidden Markov Models (S Müller et al.) Readership: Graduate students of computer science, electrical engineering and related fields, as well as researchers at academic and industrial institutions. Keywords: Hidden Markov Models; Gesture Recognition; Bayesian Networks; Optical Character Recognition; Handwriting Character Recognition; Cartography; Shape Extraction; Image Feature Extraction.

The Spirit of Generation Y - Michael Mason
2007-01-01

The current generation of youth, Generation Y (born 1981-95), are growing up in a world vastly different from that of their Baby-Boomer parents, featuring the cultural pluralism of late modernity, increased anxiety about personal and environmental risk, precarious employment, rampant consumerism, the information deluge, greater individualisation and increased instability in families. Much has been written about the decline of the mainstream church and the place of organised religion in these rapidly changing times. Despite the prominence in the mass media of alternative spiritualities, reincarnation, horoscopes and Buddhism, this book argues that for the most part, young people are not active spiritual seekers, but instead have a highly individualistic and relativistic approach to life and spirituality, and are hardly familiar with religious traditions. Only a small percentage of Generation Y is actively religious. The religion of those young people who do belong to a denomination, is for the most part 'low temperature'.

Hybrid Methods in Pattern Recognition - H Bunke
2002-05-22

The field of pattern recognition has seen enormous progress since its beginnings almost 50 years ago. A large number of different approaches have been proposed. Hybrid methods aim at combining the advantages of different paradigms within a single system. *Hybrid Methods in Pattern Recognition* is a collection of articles describing recent progress in this emerging field. It covers topics such as

the combination of neural nets with fuzzy systems or hidden Markov models, neural networks for the processing of symbolic data structures, hybrid methods in data mining, the combination of symbolic and subsymbolic learning, and others. Also included is recent work on multiple classifier systems. Furthermore, the book deals with applications in on-line and off-line handwriting recognition, remotely sensed image interpretation, fingerprint identification, and automatic text categorization. Contents: Neuro-Fuzzy Systems: Fuzzification of Neural Networks for Classification Problems (H Ishibuchi & M Nii) Neural Networks for Structural Pattern Recognition: Adaptive Graphic Pattern Recognition: Foundations and Perspectives (G Adorni et al.) Adaptive Self-Organizing Map in the Graph Domain (S Günter & H Bunke) Clustering for Hybrid Systems: From Numbers to Information Granules: A Study in Unsupervised Learning and Feature Analysis (A Bargiela & W Pedrycz) Combining Neural Networks and Hidden Markov Models: Combination of Hidden Markov Models and Neural Networks for Hybrid Statistical Pattern Recognition (G Rigoll) From Character to Sentences: A Hybrid Neuro-Markovian System for On-Line Handwriting Recognition (T Artières et al.) Multiple Classifier Systems: Multiple Classifier Combination: Lessons and Next Steps (T K Ho) Design of Multiple Classifier Systems (F Roli & G Giacinto) Fusing Neural Networks Through Fuzzy Integration (A Verikas et al.) Applications of Hybrid Systems: Hybrid Data Mining Methods in Image Processing (A Klose & R Kruse) Robust Fingerprint Identification Based on Hybrid Pattern Recognition Methods (D-W Jung & R-H Park) Text Categorization Using Learned Document Features (M Junker et al.)

Readership: Graduate students, lecturers and researchers in computer science, computer engineering, electrical engineering and related fields. Keywords: Neural Network; Fuzzy Systems; Soft Computing; Hidden Markov Model; Data Mining; Machine Learning; Pattern Recognition; Clustering; Granular Computing; Multiple Classifier System; Neural Network Fusion; Image Processing; Fingerprint Identification; Handwriting Recognition

Noise Control in Building Services - A. Fry

2013-10-22

Encompasses all up-to-date aspects of noise and vibration control in building services in one simple and convenient volume. It provides the necessary background in acoustics and, more importantly, practical advice in the evaluation and control of noise and vibration, with extensive use of tables, illustrations and actual examples. The book's contributors, the senior engineering staff of SRL Ltd, have more than 150 years' collective experience in acoustics, involving design and remedial work on noise and vibration aspects of building services.

[A Logical Approach to Discrete Math](#) - David Gries 2013-03-14

Here, the authors strive to change the way logic and discrete math are taught in computer science and mathematics: while many books treat logic simply as another topic of study, this one is unique in its willingness to go one step further. The book treats logic as a basic tool which may be applied in essentially every other area.

Modern Data Access with Entity Framework Core - Holger Schwichtenberg 2018-06-27

C# developers, here's your opportunity to learn the ins-and-outs of Entity Framework Core, Microsoft's recently redesigned object-relational mapper. Benefit from hands-on learning that will teach you how to tackle frustrating database challenges, such as workarounds to missing features in Entity Framework Core, and learn how to optimize the performance of your applications, head-on! Modern Data Access with Entity Framework Core teaches best practices, guidance, and shortcuts that will significantly reduce the amount of resources you internally dedicate to programming data access code. The proven methods and tools taught in this book, such as how to get better performance, and the ability to select the platform of your choice, will save you valuable time and allow you to create seamless data access. Dive into succinct guidance that covers the gamut-- from installing Entity Framework Core, reverse engineering, forward engineering (including schema migrations), and data reading and modification with LINQ, Dynamic LINQ, SQL, Stored Procedures, and Table Valued Functions- to using third-party products such as LINQPad, Entity Developer, Entity Framework Profiler,

EFPlus, and AutoMapper. You'll also appreciate excerpts of conceptual software architecture discussion around Entity Framework Core that might otherwise take years to learn. What You'll Learn Understand the core concepts of Entity Framework Core, as well process models for existing databases (reverse engineering) and the generation of database schemas from object models (forward engineering) Study real-world case studies for hands-on EF Core instruction Get up to speed with valuable database access scenarios and code samples Discover workarounds to augment missing features in Entity Framework Core Use Entity Framework Core to write mobile apps Bonus online appendix covers Entity Framework Core 2.1 release updates Who This Book Is For Software developers who have basic experience with .NET and C#, as well as some understanding of relational databases. Knowledge of predecessor technologies such as ADO.NET and the classic ADO.NET Entity Framework is not necessary to learn from this book.

Water Resources Sector Strategy -
2004-01-01

This paper focuses on how to improve the development and management of water resources while providing the principles that link resource management to the specific water-using sectors. In 1993 the Board of the World Bank endorsed a Water Resources Management Policy Paper. In that paper, and this Strategy, water resources management is seen to comprise the institutional framework; management instruments; and the development, maintenance and operation of infrastructure. The paper looks at the dynamics of water and development. It builds on the 1993 policy paper, evaluating current scenarios and looking at future options and their implications both for government policy and the World Bank.

Information Systems Design and Intelligent Applications - Vikrant Bhateja 2018-03-01

The book is a collection of high-quality peer-reviewed research papers presented at International Conference on Information System Design and Intelligent Applications (INDIA 2017) held at Duy Tan University, Da Nang, Vietnam during 15-17 June 2017. The book covers a wide range of topics of computer science and information technology discipline ranging from

image processing, database application, data mining, grid and cloud computing, bioinformatics and many others. The various intelligent tools like swarm intelligence, artificial intelligence, evolutionary algorithms, bio-inspired algorithms have been well applied in different domains for solving various challenging problems.

Arab Human Development Report 2009 -
United Nations Development Programme.
Regional Bureau for Arab States 2009

The Arab Human Development Report aims at building human development in the Arab world. Gender inequality is generally recognized as one of the main obstacles to development in the Arab Region. This volume of the report focuses on the history and contemporary dynamics of Arab women's economic, political, and social empowerment. It details the processes in which gender impacts on Arab development while suggesting means of overcoming some of the challenges and building more equitable societies.

Neuro-fuzzy Pattern Recognition - Horst Bunke 2000

Neural networks and fuzzy techniques are among the most promising approaches to pattern recognition. Neuro-fuzzy systems aim at combining the advantages of the two paradigms. This book is a collection of papers describing state-of-the-art work in this emerging field. It covers topics such as feature selection, classification, classifier training, and clustering. Also included are applications of neuro-fuzzy systems in speech recognition, land mine detection, medical image analysis, and autonomous vehicle control. The intended audience includes graduate students in computer science and related fields, as well as researchers at academic institutions and in industry.

Strategic Information Technology Plan -
United States. Joint Chiefs of Staff 1995

Leveraging the New Infrastructure - Peter Weill 1998

One of the most important investments in an organization is its information technology (IT) infrastructure. Yet many managers are ill-prepared to make sound IT investment decisions. Drawing upon rigorous research with over 100

businesses in 75 firms in nine countries, the authors here present a wide range of IT possibilities, enabling managers to take control of decisions that many have relegated to technical staff or vendors.

Strategic Information Technology Plan - United States. Patent and Trademark Office 1997

Generation Impact - Adam Richards
2021-01-08

Generation Impact fills a significant gap in the impact accounting literature about how ambitions, pressures, and misgivings can be addressed, dealt with, and harnessed into forward-looking programmes for the creation, measurement, and management in social accounting.

Business Data Networks and Security, Global Edition - Julia L. Panko 2014-12-18

For undergraduate and graduate courses in Business Data Communication / Networking (MIS) Clear writing style, job-ready detail, and focus on the technologies used in today's marketplace Business Data Networks and Security guides readers through the details of networking, while helping them train for the workplace. It starts with the basics of security and network design and management; goes beyond the basic topology and switch operation covering topics like VLANs, link aggregation, switch purchasing considerations, and more; and covers the latest in networking techniques, wireless networking, with an emphasis on security. With this text as a guide, readers learn the basic, introductory topics as a firm foundation; get sound training for the marketplace; see the latest advances in wireless networking; and learn the importance and ins and outs of security. Teaching and Learning Experience This textbook will provide a better teaching and learning experience-for you and your students. Here's how: *The basic, introductory topics provide a firm foundation. *Job-level content prepares students with the skills demanded by today's employers.*The latest in networking techniques and wireless networking, including a focus on security, keeps students up to date and aware of what's going on in the field. *The flow of the text guides students through the material. MyMISLab not

included. Students, if MyMISLab is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MyMISLab is not a self-paced technology and should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MyMISLab is an online homework, tutorial, and assessment product designed to personalize learning and improve results. With a wide range of interactive, engaging, and assignable activities, students are encouraged to actively learn and retain tough course concepts.

Information Technology and Innovation - Vallabhajosyula Sambamurthy 1996

Advances in Image Processing and Understanding - Alan Conrad Bovik 2002

This volume of original papers has been assembled to honor the achievements of Professor Thomas S Huang in the area of image processing and image analysis. Professor Huang's life of inquiry has spanned a number of decades as his work on imaging problems began in 1960's. Over these 40 years, he has made many fundamental and pioneering contributions to nearly every area of this field. Professor Huang has received numerous Awards, including the prestigious Jack Kilby Signal Processing Medal from IEEE. He has been elected to the National Academy of Engineering, and named Fellow of IEEE, Fellow of OSA, Fellow of IAPR, and Fellow of SPIE. Professor Huang has made fundamental contributions to image processing, pattern recognition, and computer vision: including design and stability test of multidimensional digital filters, digital holography; compression techniques for documents and images; 3D motion and modeling, analysis and visualization of the human face, hand and body, multi-modal human-computer interfaces; and multimedia databases. Many of his research ideas have been seminal, opening up new areas of research. Professor Huang is continuing his contribution to the field in the new millennium This book is intended to highlight his contributions by showing the breadth of areas in which his students are working. As such, contributed chapters were written by some of his many former graduate students (some with Professor Huang as a

coauthor) and illustrate not only his contributions to imaging science but also his commitment to educational endeavor. The breadth of contributions is an indication of influence of Professor Huang to the field of signal processing, image processing, computer vision and applications; the book includes chapters on learning in image retrieval, facial motion analysis, cloud motion tracking, wavelet coding, robust video transmission, and many other topics. The Appendix contains several reprints of Professor Huang's most influential papers from 1970's to 1990's. This book is directed towards image processing researchers, including academic faculty, graduate students and industry researchers, as well as toward professionals working in application areas.

Dynamics 365 Application Development - Deepesh Somani 2018-01-30

Learn, develop, and design applications using the new features in Microsoft Dynamics CRM Key Features Implement business logic using processes, plugins, and client-side scripts with MS Dynamics 365 Develop custom CRM solutions to improve your business applications A comprehensive guide that covers the new features of Microsoft Dynamics 365 and increasingly advanced topics. Book Description Microsoft Dynamics 365 CRM is the most trusted name in enterprise-level customer relationship management. The latest version of Dynamics CRM comes with the important addition of exciting features guaranteed to make your life easier. It comes straight off the shelf with a whole new frontier of updated business rules, process enhancements, SDK methods, and other enhancements. This book will introduce you to the components of the new designer tools, such as SiteMap, App Module, and Visual Designer for Business Processes. Going deeper, this book teaches you how to develop custom SaaS applications leveraging the features of PowerApps available in Dynamics 365. Further, you will learn how to automate business processes using Microsoft Flow, and then we explore Web API, the most important platform update in Dynamics 365 CRM. Here, you'll also learn how to implement Web API in custom applications. You will learn how to write an Azure-aware plugin to design and integrate cloud-aware solutions. The book concludes with

configuring services using newly released features such as Editable grids, Data Export Service, LinkedIn Integration, Relationship Insights, and Live Assist. What you will learn Develop apps using the platform-agnostic Web API Leverage Azure Extensions to design cloud-aware applications Learn how to implement CRUD operation Create integrated real-world apps using Microsoft PowerApps and Flow by combining services such as Twitter, Facebook, and SharePoint Configure and use Artificial Intelligence Azure Cognitive Services for Recommendation and Text Analytic services Who this book is for This book targets skilled developers who are looking to build business-solution software and are new to application development in Microsoft Dynamics 365, especially for CRM.

Neural Networks and Systolic Array Design -

Mastering Microsoft Dynamics 365 Customer Engagement - Second Edition - Deepesh Somani 2019-02-28

A comprehensive guide packed with the latest features of Dynamics 365 for customer relationship management Key Features Create efficient client-side apps and customized plugins that work seamlessly Learn best practices from field experience to use Dynamics 365 efficiently Unleash the power of Dynamics 365 to maximize your organization's profits Book Description Microsoft Dynamics 365 is an all-in-one business management solution that's easy to use and adapt. It helps you connect your finances, sales, service, and operations to streamline business processes, improve customer interactions, and enable growth. This book gives you all the information you need to become an expert in MS Dynamics 365. This book starts with a brief overview of the functional features of Dynamics 365. You will learn how to create Word and Excel templates using CRM data to enable customized data analysis for your organization. This book helps you understand how to use Dynamics 365 as an XRM Framework, gain a deep understanding of client-side scripting in Dynamics 365, and create client-side applications using JavaScript and the Web API. In addition to this, you will discover how to customize Dynamics 365, and quickly move on to grasp the app structure, which helps you

customize Dynamics 365 better. You will also learn how Dynamics 365 can be seamlessly embedded into various productivity tools to customize them for machine learning and contextual guidance. By the end of this book, you will have mastered utilizing Dynamics 365 features through real-world scenarios. What you will learn Manage various divisions of your organization using Dynamics 365 customizations Explore the XRM Framework and leverage its features Provide an enhanced mobile and tablet experience Develop client-side applications using JavaScript and the Web API Understand

how to develop plugins and workflows using Dynamics 365 Explore solution framework improvements and new field types Who this book is for Mastering Microsoft Dynamics 365 Customer Engagement is for you if you have knowledge of Dynamics CRM and want to utilize the latest features of Dynamics 365. This book is also for you if you're a skilled developer looking to move to the Microsoft stack to build business solution software. Extensive Dynamics CRM development experience will be beneficial to understand the concepts covered in this book.