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Industrial Application of Biotechnology

During the last decade a new generation of software tools has evolved in computational electromagnetics. Both analytical methods and particularly numerical techniques have improved considerably, leading to an extended range of capabilities and an increased applicability of both dedicated and general purpose computer codes. It is the intention of this volume to review the state of the art in electromagnetic analysis and design, and to describe the fundamentals and the advances in theoretical/numerical approaches coupled with practical solutions for static and time-dependent fields. In this context, the book illustrates the effectiveness of numerical techniques and associated computer codes in solving real electromagnetic field problems. In addition, it demonstrates the usefulness of modern codes for the analysis of many industrial practical cases. In particular, solutions of magnetostatic and magnetodynamic problems applied to electrical machines, induction heating, non destructive testing, fusion reactor technology and other industrial are presented and discussed. The present volume reflects and combines the lectures which are organized in the frame of the Eurocourse programme at JRC Ispra under the sponsorship of the Institute for Systems Engineering and Informatics (ISEI). It is hoped that in this context the Institute and particularly the Systems Engineering & Reliability (SER) Division can play a stimulating role in sponsoring and promoting the diffusion of knowledge in novel areas of computer and information science.

These proceedings of the 2014 Pacific-Asia Workshop on Computational Intelligence in Industrial Application (CIIA 2014) include 81 peer-reviewed papers. The topics covered in the book include: (1) Computer Intelligence, (2) Application of Computer Science and Communication, (3) Industrial Engineering, Product Design and Manufacturing, (4) Automatic Building a Next-Generation Application from the Ground Up Fundamentals, Problems and Solutions, Example Applications Collaborative Internet of Things (C-IoT)

Business Intelligence and Performance Management Theory, Systems and Industrial Applications

Application of Aerospace and Defense Industry Technology to Environmental Problems

Your one-stop guide to designing, building, managing, and operating Industrial Internet of Things (IIoT) applications Key FeaturesBuild IIoT applications and deploy them on Platform as a Service (PaaS)Learn data analytics techniques in IIoT using Spark and TensorFlowUnderstand and combine Predix services to accelerate your developmentBook Description The Industrial Internet refers to the integration of complex physical machines with networked sensors and software. The current growth in the number of sensors deployed in heavy machinery and industrial equipment will lead to an exponential increase in data being captured that needs to be analyzed for predictive analytics. This also opens up a new avenue for developers who want to build exciting industrial applications. Industrial Internet Application Development serves as a one-stop guide for software professionals wanting to design, build, manage, and operate IIoT applications. You will develop your first IIoT application and understand its deployment and security considerations, followed by running through the deployment of IIoT applications on the Predix platform. Once you have got to grips with what IIoT is, you will move on to exploring Edge Development along with the analytics portions of the IIoT stack. All this will help you identify key elements of the development framework, and understand their importance when considering the overall architecture and design considerations for IIoT applications. By the end of this book, you will have grasped how to deploy IIoT applications on the Predix platform, as well as incorporate best practices for making fault-tolerant and reliable IIoT systems. What you will learnConnect prototype devices to CloudStore data in IIoT applications Explore data management techniques and implementationStudy IIoT applications analytics using Spark ML and TensorFlow Deploy analytics and visualize the outcomes as AlertsUnderstand continuous deployment using Docker and Cloud FoundryMake your applications fault-tolerant and monitor them with New RelicUnderstand IIoT platform architecture and implement IIoT applications on the platformWho this book is for This book is intended for software developers, architects, product managers, and executives keen to gain insights into Industrial Internet development. A basic knowledge of any popular programming language such as Python will be helpful.

During the 21st century business environments have become more complex and dynamic than ever before. Companies operate in a world of change influenced by globalisation, volatile markets, legal changes and technical progress. As a result, they have to handle growing volumes of data and therefore require fast storage, reliable data access, intelligent retrieval of information and automated decision-making mechanisms, all provided at the highest level of service quality. Successful enterprises are aware of these challenges and efficiently respond to the dynamic environment in which their business operates. Business Intelligence (BI) and Performance Management (PM) offer solutions to these challenges and provide techniques to enable effective business change. The important aspects of both topics are discussed within this state-of-the-art volume. It covers the strategic support, business applications, methodologies and technologies from the field, and explores the benefits, issues and challenges of each. Issues are analysed from many different perspectives, ranging from strategic management to data technologies, and the different subjects are complimented and illustrated by numerous examples of industrial applications. Contributions are authored by leading academics and practitioners representing various universities, research centres and companies worldwide. Their experience covers multiple disciplines and industries, including finance, construction, logistics, and public services, amongst others. Business Intelligence and Performance Management is a valuable source of reference for graduates approaching MSc or PhD programs and for professionals in industry researching in the fields of BI and PM for industrial application.

Plunkett's InfoTech Industry Almanac presents a complete analysis of the technology business, including the convergence of hardware, software, entertainment and telecommunications. This market research tool includes our analysis of the major trends affecting the industry, from the rebound of the global PC and server market, to consumer and enterprise software, to super computers, open systems such as Linux, web services and network equipment. In addition, we provide major statistical tables covering the industry, from computer sector revenues to broadband subscribers to semiconductor industry production. No other source provides this book's easy-to-understand comparisons of growth, expenditures, technologies, imports/exports, corporations, research and other vital subjects. The corporate profile section provides in-depth, one-page profiles on each of the top 500 InfoTech companies. We have used our massive databases to provide you with unique, objective analysis of the

largest and most exciting companies in: Computer Hardware, Computer Software, Internet Services, E-Commerce, Networking, Semiconductors, Memory, Storage, Information Management and Data Processing. We've been working harder than ever to gather data on all the latest trends in information technology. Our research effort includes an exhaustive study of new technologies and discussions with experts at dozens of innovative tech companies. Purchasers of the printed book or PDF version may receive a free CD-ROM database of the corporate profiles, enabling export of vital corporate data for mail merge and other uses.

Defense Industrial Base Capabilities Study: Force Application, October 2004

Plunkett's Infotech Industry Almanac 2006

Filtration in Porous Media and Industrial Application

Alcohol, its production, properties, chemistry, and industrial applications

Industrial Internet Application Development

Computational Methods for Application in Industry 4.0

This book is devoted to the presentation of some flow problems in porous media having relevant industrial applications. The main topics covered are: the manufacturing of composite materials, the espresso coffee brewing process, the filtration of liquids through diapers, various questions about flow problems in oil reservoirs and the theory of homogenization. The aim is to show that filtration problems arising in very practical industrial context exhibit interesting and highly nontrivial mathematical aspects. Thus the style of the book is mathematically rigorous, but specifically oriented towards applications, so that it is intended for both applied mathematicians and researchers in various areas of technological interest. The reader is required to have a good knowledge of the classical theory of PDE and basic functional analysis.

Radio Frequency Identification (RFID) is the technology applied for unambiguous and contactless identification of all types of objects. Varying magnetic fields or radio waves enable contactless data transfer as well as fast, automatic data collection. In addition, the importance of optical codes gains further importance due to their specific advantages. RFID and Auto ID systems are used in a wide range of sectors - from the consumer goods industry and trade via the automobile and aerospace industries to the chemicals and pharmaceuticals industries, as well as logistics and transport facilities. New potentials to secure competitive advantages can be utilized with early planning of the application of RFID and Auto ID in procurement, manufacturing and logistics. In addition to RFID and Auto ID technology, this book presents applications from different areas of application which have already been tried and tested. They demonstrate the approach, the process and the selection of RFID and Auto ID systems for various problems. A perspective on trends and innovative security solutions shows possible future application options for this technology.

This book provides a simplified visionary approach about the future direction of IoT, addressing its wide-scale adoption in many markets, its interception with advanced technology, the explosive growth in data, and the emergence of data analytics. IoT business applications span multiple vertical markets. The objective is to inspire creative thinking and collaboration among startups and entrepreneurs which will breed innovation and deliver IoT solutions that will positively impact us by making business processes more efficient, and improving our quality of life. With increasing proliferation of smart-phones and social media, data generated by user wearable/mobile devices continue to be key sources of information about us and the markets around us. Better insights will be gained through cognitive computation coupled with business intelligence and visual analytics that are GIS-based.

Industrial Application of Biotechnology

Cyber-Physical Systems: Modelling and Industrial Application

Intelligent Computing Applications for COVID-19

Lectures given at the 4th Session of the Centro Internazionale Matematico Estivo (C.I.M.E.) held in Cetraro, Italy, August 24-29, 1998

Smart Sensors for Industrial Applications

The Fourth Industrial Revolution

This volume of Advances in Intelligent and Soft Computing contains accepted - presented at SOCO 2010 held in the beautiful and historic city of Guimarães, Portugal, June 2010. The global purpose of SOCO conferences has been to provide a broad and - terdisciplinary forum for soft computing and associated paradigms, which are playing increasingly important roles in an important number of industrial and - vironmental applications fields. Soft computing represents a collection or set of computational techniques in machine learning, computer science and some engineering disciplines, which - vestigate, simulate and analyze very complex issues and phenomena. This wo- shop is mainly focused on its industrial and environmental applications. th SOCO 2010 is the 5 International Workshop on Soft Computing Models in Industrial Applications and provides interesting opportunities to present and d- cuss the latest theoretical advances and real world applications in this multidis- plinary research field. This volume presents the papers accepted for the 2010 edition, both for the main event and the Special Sessions. SOCO 2010 Special Sessions are a very u- ful tool in order to complement the regular program with new or emerging topics of particular interest to the participating community. Special Sessions that emp- size on multi-disciplinary and transversal aspects, as well as cutting-edge topics were especially encouraged and welcome. SOCO 2010 included a total of 3 Special Sessions: Ensemble Learning and - formation Fusion for Industrial Applications; Soft Computing for Service M- agement; Hybrid Intelligent Systems and Applications.

This book presents computational and statistical methods used by intelligent systems within the concept of Industry 4.0. The methods include among others evolution-based and swarm intelligence-based methods. Each method is explained in its

fundamental aspects, while some notable bibliography is provided for further reading. This book describes each methods' principles and compares them. It is intended for researchers who are new in computational and statistical methods but also to experienced users.

Microalgae can be future resource for industrial biotechnology In current energy crisis era, microalgae are under tremendous research focus for the production of biodiesel due to their high photosynthetic efficiency, growth rate and high lipid content compared to territorial plants. However, the large-scale production of algal biomass and downstream processing of harvested algae towards bio-fuels are facing several challenges from economic viability perspective. Apart from bio-fuels, the microalgae synthesize number of bio-molecules such as pigments (e.g., chlorophyll, carotenoid), protein (e.g., lectin, phycobiliprotein), and carbohydrates (e.g., agar, carrageenan, alginate, fucodian) which are available in the various forms of microalgal products. Therefore, developing a strategy for large-scale production and use of algal biomass for the co-production of these value-added macromolecules is thus imperative for the improvement of the economics of algal biorefinery. In the above context, this book covers three major areas (i) commercial-scale production of bio-molecules from microalgae, (ii) sustainable approach for industrial-scale operation, and (iii) optimization of downstream processes. Each of these sections is composed of several chapters written by the renowned academicians/industry experts.

Furthermore, in this book, a significant weightage is given to the industry experts (around 50%) to enrich the industrial perspectives. We hope that amalgamate of fundamental knowledge from academicians and applied research information from industry experts will be useful for forthcoming implementation of a sustainable integrated microalgal biorefinery. This book highlights following. Explores biomolecules from microalgae and their applications Discusses microalgae cultivations and harvesting Examines downstream processing of biomolecules Explores sustainable integrated approaches for industrial scale operations Examines purification techniques specific for microalgal proteins, Omega 3 fatty Acids, carbohydrates, and pigments

Report on Colloid Chemistry and Its General and Industrial Applications
Sustainable Downstream Processing of Microalgae for Industrial Application
Report on colloid chemistry and its general and industrial applications. v.2, 1919

The Road To Success – A Spider Web Doctrine
Optimizing Processes with RFID and Auto ID
Computational Intelligence in Industrial Application

This book consists of chapters dedicated to the questions of cyber-physical system design and its usage for the chemical industry and new material design. Also, the contribution of the book covers scientific research and their results for cyber-physical systems design and application in the energy domain and solutions regarding engineering education for cyber-physical systems design. The book offers unique content for researchers and practitioners who are looking for new knowledge and skills in the framework of Industry 4.0 solutions. The book also benefits researchers and practitioners in chemistry and new material design and manufacturing to understand how cyber-physical systems can be applied to increase efficiency and performance. The target audience of the book are practitioners, enterprises representatives, scientists, Ph.D. and master students who perform scientific research or applications of cyber-physical systems in the concept of Industry 4.0.

Between the 18th and 19th centuries, Britain experienced massive leaps in technological, scientific, and economical advancement

Capitalist Nigger is an explosive and jarring indictment of the black race. The book asserts that the Negroid race, as naturally endowed as any other, is culpably a non-productive race, a consumer race that depends on other communities for its culture, its language, its feeding and its clothing. Despite enormous natural resources, blacks are economic slaves because they lack the 'devil-may-care' attitude and the 'killer instinct' of the Caucasian, as well as the spider web mentality of the Asian. A Capitalist Nigger must embody ruthlessness in pursuit of excellence in his drive towards achieving the goal of becoming an economic warrior. In putting forward the idea of the Capitalist Nigger, Chika Onyeani charts a road to success whereby black economic warriors employ the 'Spider Web Doctrine' – discipline, self-reliance, ruthlessness – to escape from their victim mentality. Born in Nigeria, Chika Onyeani is a journalist, editor and former diplomat.

Computer Science in Industrial Application
Physical Chemistry and Industrial Application of Gellan Gum
for Future Smart Connected Life and Business
Servers, Storage, and Networks for MySAP.com
Metal Industry

IoT, AI, and Blockchain for .NET

Gellan gum, a microbial polysaccharide, consisting of tetra-saccharide unit, glucose, glucuronic acid, glucose and rhamnose, forms a transparent gel which is heat-resistant in the presence of divalent cations. Since 1989, the collaborative research group was organised in the Research Group of Polymer Gels affiliated to the Society of Polymer Science, Japan, consisting of various laboratories with different disciplines to clarify the mechanism using the common purified sample. This special issue contains 19 papers on the molecular conformation, gel-sol transition, interaction of gellan and water, cations and sugar, based on rheology, NMR, ESR, DSC, light scattering, osmotic pressure, small angle x-ray scattering, dielectric measurement, atomic force microscopy and the industrial application of gellan gum presented at the 4th International Conference on Hydrocolloids - OCUIS '98 by the collaborative group members and by international experts.

The Semantic Web, that adds a conceptual layer of machine-understandable metadata to the existing content, will make the content available for processing by intelligent software allowing automatic resource integration and providing interoperability between heterogeneous systems. The Semantic Web is now the most important influence on the development of the Web. Next generation of intelligent applications will be capable to make use of such metadata to perform resource discovery and integration based on its semantics. Semantic Web, aims at developing a global environment on top of Web with interoperable heterogeneous applications, agents, web services, data repositories, humans, and so on. On the technology side, Web-oriented languages and technologies are being developed (e.g. RDF, OWL, OWL-S, WSMO, etc.), and the success of the Semantic Web will depend on a wide spread industrial adoption of these technologies. Trend within worldwide activities related to Semantic Web definitely shows that the technology has emerging growth of interest both academic and industry during a relatively small time interval.

Covers employers of various types from 100 to 2,500 employees in size (while the main volume covers companies of 2,500 or more employees). This book contains profiles of companies that are of vital importance to job-seekers of various types. It also enables readers to compare the growth potential and benefit plans of large employers.

Hearings Before a Subcommittee of ... 91-2, November 23 and 24, 1970
Hearings, Ninety-first Congress, Second Session, November 23 and 24, 1970
SAP Hardware Solutions

U.S. Industrial Outlook for ... Industries with Projections for ..
Capitalist Nigger

The Application of Metabolic and Excretion Kinetics to Problems of Industrial Toxicology

The goal of this text is to describe the technical design aspects of the IT infrastructure; it does not give the details of installing and customizing SAP software, nor business process reengineering. Using primarily HP products for the solution examples, the chapters guide the reader through the foundation of the systems from an IT perspective, reviews its business application and architecture and introduces the server systems, then describes data storage, high availability and recovery solutions, client PCs with front-end user interfaces, output management and printing solutions, network infrastructure and requirements, cabling designs, LANs and WANs, and connecting mySAP.com to the Internet. Both authors are members of the HP-SAP International Competence Center. Annotation copyrighted by Book News, Inc., Portland, OR

Gas sensor products are very often the key to innovations in the fields of comfort, security, health, environment, and energy savings. This compendium focuses on what the research community labels as solid state gas sensors, where a gas directly changes the electrical properties of a solid, serving as the primary signal for the transducer. It starts with a visionary approach to how life in future buildings can benefit from the power of gas sensors. The requirements for various applications, such as for example the automotive industry, are then discussed in several chapters. Further contributions highlight current trends in new sensing principles, such as the use of nanomaterials and how to use new sensing principles for innovative applications in e.g. meteorology. So as to bring together the views of all the different groups needed to produce new gas sensing applications, renowned industrial and academic representatives report on their experiences and expectations in research, applications and industrialisation.

Accurate estimation, diagnosis, and prevention of COVID-19 is a global challenge for healthcare organizations. Innovative measures can introduce and implement AI, and Mathematical Modeling applications. This book provides insight into the recent advances of applications, statistical methods, and mathematical modeling for the healthcare industry. This book covers the state-of-the-art applications of AI and Machine Learning in past epidemics, pandemics, and COVID-19. It offers recent global case studies, and discusses how AI and statistical methods, initiatives, and applications such as Machine Learning, Deep Learning, Correlation and Regression Analysis play a major role in the prediction, diagnosis, and prevention of a pandemic. It will also focus on how AI and statistical applications can facilitate and restructure the healthcare system. This book is written for Researchers, Students, Professionals, Executives, and the general public.

Plunkett's Companion to the Almanac of American Employers 2008
Soft Computing Models in Industrial and Environmental Applications, 5th International Workshop (SOCO 2010)

Application of Massachusetts Defense Industry Technology and Capabilities
Proceedings of the 2014 Pacific-Asia Workshop on Computer Science in Industrial Application (CIIA 2014), Singapore, December 8-9, 2014

Solid State Gas Sensors - Industrial Application
To Environmental Services, Needs and Opportunities

This book presents modeling methods and algorithms for data-driven prediction and forecasting of practical industrial process by employing machine learning and statistics methodologies. Related case studies, especially on energy systems in the steel industry are also addressed and analyzed. The case studies in this volume are entirely rooted in both classical data-driven prediction problems and industrial practice requirements. Detailed figures and tables demonstrate the effectiveness and generalization of the methods addressed, and the classifications of the addressed prediction problems come from practical industrial demands, rather than from academic categories. As such, readers will learn the corresponding approaches for resolving their industrial technical problems. Although the contents of this book and its case studies come from the steel industry, these techniques can be also used for other process industries. This book appeals to students, researchers, and professionals within the machine learning and data analysis and mining communities.

This book discusses the open questions regarding the modelling of cyber-physical systems and their application in different industries. The industry needs new approaches to improve its competitiveness. The concept of cyber-physical systems supports such changes, with the need to find new modelling tools becoming a key challenge. The book contains five-section covering the following topics: cyber-physical systems modelling, IoT and signal processing, cyber-physical systems intelligent control, cyber-physical systems industrial implementation and the production of the new material for cyber-physical systems. These approaches, on the one hand, should ensure the execution of current business processes, and on the other hand, ensure a quick speed of reactions to changes. The target audience of the book are practitioners, enterprises representatives, scientists, PhD and Master students who perform scientific research on modelling and industrial application of cyber-physical systems.

Create applications using Industry 4.0. Discover how artificial intelligence (AI) and machine learning (ML) capabilities can be enhanced using the Internet of things (IoT) and secured using Blockchain, so your latest app can be not just smarter but also more connected and more secure than ever before. This book covers the latest easy-to-use APIs and services from Microsoft, including Azure IoT, Cognitive Services APIs, Blockchain as a Service (BaaS), and Machine Learning Studio. As you work through the book, you'll get hands-on experience building an example solution that uses all of these technologies—an IoT suite for a smart healthcare facility. Hosted on Azure and networked using Azure IoT, the solution includes centralized patient monitoring, using Cognitive Services APIs for face detection, recognition, and tracking. Blockchain is used to create trust-based security and inventory management. Machine learning is used to create predictive solutions to proactively improve quality of life. By the end of the book, you'll be confident creating richer and smarter applications using these technologies. What You'll Learn Know the technologies underpinning Industry 4.0 and AI 2.0

Develop real-time solutions using IoT in Azure Bring the smart capabilities of AI 2.0 into your application using a simple API call Host and manage your solution on Azure Understand Blockchain as a Service Capture and analyze data on the fly Make predictions using existing data Who This Book Is For Novice and intermediate .NET developers and architects who want to learn what it takes to create a modern or next-generation application

Electrochemical and Metallurgical Industry
Plunkett's Engineering & Research Industry Almanac 2006: The Only Complete Guide to the Business of Research, Development and Engineering
Predictions, Diagnosis, and Prevention
Guide to the Technologies And Companies Changing the Way the World Thinks, Works And Shares Information

Simplify IIoT development using the elasticity of Public Cloud and Native Cloud Services
Industrial Applications of Semantic Web

Sensor technologies are a rapidly growing area of interest in science and product design, embracing developments in electronics, photonics, mechanics, chemistry, and biology. Their presence is widespread in everyday life, where they are used to sense sound, movement, and optical or magnetic signals. The demand for portable and lightweight sensors is relentless in several industries, from consumer electronics to biomedical engineering to the military. Smart Sensors for Industrial Applications brings together the latest research in smart sensors technology and exposes the reader to myriad applications that this technology has enabled. Organized into five parts, the book explores: Photonics and optoelectronics sensors, including developments in optical fibers, Brillouin detection, and Doppler effect analysis. Chapters also look at key applications such as oxygen detection, directional discrimination, and optical sensing. Infrared and thermal sensors, such as Bragg gratings, thin films, and microbolometers. Contributors also cover temperature measurements in industrial conditions, including sensing inside explosions. Magnetic and inductive sensors, including magnetometers, inductive coupling, and ferrofluidics. The book also discusses magnetic field and inductive current measurements in various industrial conditions, such as on airplanes. Sound and ultrasound sensors, including underwater acoustic modem, vibrational spectroscopy, and photoacoustics. Piezoresistive, wireless, and electrical sensors, with applications in health monitoring, agrofod, and other industries. Featuring contributions by experts from around the world, this book offers a comprehensive review of the groundbreaking technologies and the latest applications and trends in the field of smart sensors.

CSIA 2014 focusses on improvements in computer science in industrial application. The contributions are grouped into five main sections: 1. Computer and Information Technology. 2. Business management, E-commerce and Tourism. This section covers mainly basic theory and general method of economic management businesses and market economy. & nbs

This reference book is a complete guide to the trends and leading companies in the engineering, research, design, innovation and development business fields: those firms that are dominant in engineering-based design and development, as well leaders in technology-based research and development. We have included companies that are making significant investments in research and development via as many disciplines as possible, whether that research is being funded by internal investment, by fees received from clients or by fees collected from government agencies. In this carefully-researched volume, you'll get all of the data you need on the American Engineering & Research Industry, including: engineering market analysis, complete industry basics, trends, research trends, patents, intellectual property, funding, research and development data, growth companies, investments, emerging technologies, CAD, CAE, CAM, and more. The book also contains major statistical tables covering everything from total U.S. R&D expenditures to the total number of scientists working in various disciplines, to amount of U.S. government grants for research. In addition, you'll get expertly written profiles of nearly 400 top Engineering and Research firms - the largest, most successful corporations in all facets of Engineering and Research, all cross-indexed by location, size and type of business. These corporate profiles include contact names, addresses, Internet addresses, fax numbers, toll-free numbers, plus growth and hiring plans, finances, research, marketing, technology, acquisitions and much more. This book will put the entire Engineering and Research industry in your hands. Purchasers of either the book or PDF version can receive a free copy of the company profiles database on CD-ROM, enabling key word search and export of key information, addresses, phone numbers and executive names with titles for every company profiled.

Proceedings of the 1st International IFIP/WG12.5 Working Conference on Industrial Applications of Semantic Web, August 25-27, 2005 Jyväskylä, Finland

Industrial Application of Electromagnetic Computer Codes

Soft Computing in Industrial Applications

Proceedings of the 2014 Pacific-Asia Workshop on Computer Science and Industrial Application (CSIA 2014), Bangkok, Thailand, November 17-18, 2014

Cyber-Physical Systems: Design and Application for Industry 4.0

Data-Driven Prediction for Industrial Processes and Their Applications

This book contains a selection of papers that were initially presented at the 4th On-Line World Conference on Soft Computing in Industrial Applications that was held in September 1999. Soft Computing provides various methodologies for developing intelligent systems that offer competitive solutions to real world problems. This book is comprised of a unique collection of papers that provide a comprehensive overview of state-of-the-art-theory and successful industrial applications of soft computing around the world. It is written by some of the leading researchers in this field. This book is aimed at researchers and professional engineers who are engaged in developing intelligent systems as well as graduate students in science and engineering.

Mid-Size Firms