Roberto Medina Engineering Management

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New Advances in Information Systems and Technologies - Álvaro Rocha 2016-03-15
This book contains a selection of articles from The 2016 World Conference on Information Systems and Technologies (WorldCIST'16), held between the 22nd and 24th of March at Recife, Pernambuco, Brazil. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern Information Systems and Technologies research, together with their technological development and applications. The main topics covered are: Information and Knowledge Management; Organizational Models and Information Systems; Software and Systems Modeling; Software Systems, Architectures, Applications and Tools; Multimedia Systems and Applications; Computer Networks, Mobility and Pervasive Systems; Intelligent and Decision Support Systems; Big Data Analytics and Applications; Human-Computer Interaction; Health Informatics; Information Technologies in Education; Information Technologies in Radiocommunications.
Personnel & Human Resources Management' 2006 Ed. - R. Medina 2006

Data Analytics and Management - Ashish Khanna 2021-01-04
This book includes original unpublished contributions presented at the International Conference on Data Analytics and Management (ICDAM 2020), held at Jan Wyzykowski University, Poland, during June 2020. The book covers the topics in data analytics, data management, big data, computational intelligence, and communication networks. The book presents innovative work by leading academics, researchers, and experts from industry which is useful for young researchers and students.
Encyclopedia of Organizational Knowledge, Administration, and Technology - Khosrow-Pour D.B.A., Mehdi 2020-09-29
For any organization to be successful, it must operate in such a manner that knowledge and information, human resources, and technology are continually taken into consideration and managed effectively. Business concepts are always present regardless of the field or industry – in education, government, healthcare, not-for-profit, engineering, hospitality/tourism, among others. Maintaining organizational awareness and a strategic frame of mind is critical to meeting goals, gaining competitive advantage, and ultimately ensuring sustainability. The Encyclopedia of Organizational Knowledge, Administration, and Technology is an inaugural five-volume publication that offers 193 completely new and previously unpublished articles authored by leading

experts on the latest concepts, issues, challenges, innovations, and opportunities covering all aspects of modern organizations. Moreover, it is comprised of content that highlights major breakthroughs, discoveries, and authoritative research results as they pertain to all aspects of organizational growth and development including methodologies that can help companies thrive and analytical tools that assess an organization's internal health and performance. Insights are offered in key topics such as organizational structure, strategic leadership, information technology management, and business analytics, among others. The knowledge compiled in this publication is designed for entrepreneurs, managers, executives, investors, economic analysts, computer engineers, software programmers, human resource departments, and other industry professionals seeking to understand the latest tools to emerge from this field and who are looking to incorporate them in their practice. Additionally, academicians, researchers, and students in fields that include but are not limited to business, management science, organizational development, entrepreneurship, sociology, corporate psychology, computer science, and information technology will benefit from the research compiled within this publication.

The Cybernetics Moment - Ronald R. Kline 2015-07-15
Choice Outstanding Academic Title Cybernetics—the science of communication and control as it applies to machines and to humans—originates from efforts during World War II to build automatic antiaircraft systems. Following the war, this science extended beyond military needs to examine all systems that rely on information and feedback, from the level of the cell to that of society. In The Cybernetics Moment, Ronald R. Kline, a senior historian of technology, examines the intellectual and cultural history of cybernetics and information theory, whose language of "information," "feedback," and "control" transformed the idiom of the sciences, hastened the development of information technologies, and laid the conceptual foundation for what we now call the Information Age. Kline argues that, for about twenty years after 1950, the growth of cybernetics and information theory and ever-more-powerful computers produced a utopian information narrative—an enthusiasm for information science that influenced natural scientists, social scientists, engineers, humanists, policymakers, public intellectuals, and journalists, all of whom struggled to come to grips with new relationships between humans and intelligent machines. Kline traces the relationship between the invention of computers and communication systems and the rise, decline, and transformation of cybernetics by analyzing the lives and work of such notables as Norbert Wiener, Claude Shannon, Warren McCulloch, Margaret Mead, Gregory Bateson, and Herbert Simon. Ultimately, he reveals the crucial role played by the cybernetics moment—when cybernetics and information theory were seen as universal sciences—in setting the stage for our current preoccupation with information technologies. "Nowhere in the burgeoning secondary literature on cybernetics in the last two decades is there a concise history of cybernetics, the science of communication and control that helped usher in the current information age in America. Nowhere, that is, until now . . . Readers have in The Cybernetics Moment the first authoritative history of American cybernetics."—Information & Culture "[A]n extremely interesting and stimulating history of the concepts of cybernetics . . . This is a book for everyone to read, relish, and think about."—Choice "As a whole, the book presents a comprehensive in-depth retrospective analysis of the contribution of the American scientific school to the making, formation, and development of cybernetics and information theory. An unquestionable advantage of the book is the skillful use of numerous bibliographic sources by the author that reflect the scientific, engineering, and social significance of the questions being considered, competition of ideas and developments, and also interrelations between scientists."—Cybernetics and System Analysis "Dr. Kline is perhaps uniquely situated to take on so large and complicated [a] topic as cybernetics . . . Readers unfamiliar with Wiener and his work are well advised to start with this well-written and thorough book. Those who are already familiar will still find much that is new and informative in the thorough research and reasoned interpretations."—IEEE History Center "The most comprehensive

intellectual history of cybernetics in Cold War America."—Journal of American History "The book will be most valuable as historical background for the large number of disciplines that were involved in the cybernetics moment: computer science, communications engineering, information theory, and the social sciences of sociology and anthropology."—IEEE Technology and Society Magazine "Ronald Kline's chronicle of cybernetics certainly does what an excellent history of science should do. It takes you there—to the golden age of a new, exciting field. You will almost smell that cigar."—Second-Order Cybernetics "Kline's The Cybernetics Moment tracks the rise and fall of the cybernetics movement in more detail than any historical account to date."—Los Angeles Review of Books

Cybernetic Revolutionaries - Eden Medina 2014-01-10
A historical study of Chile's twin experiments with cybernetics and socialism, and what they tell us about the relationship of technology and politics. In Cybernetic Revolutionaries, Eden Medina tells the history of two intersecting utopian visions, one political and one technological. The first was Chile's experiment with peaceful socialist change under Salvador Allende; the second was the simultaneous attempt to build a computer system that would manage Chile's economy. Neither vision was fully realized—Allende's government ended with a violent military coup; the system, known as Project Cybersyn, was never completely implemented—but they hold lessons for today about the relationship between technology and politics. Drawing on extensive archival material and interviews, Medina examines the cybernetic system envisioned by the Chilean government—which was to feature holistic system design, decentralized management, human-computer interaction, a national telex network, near real-time control of the growing industrial sector, and modeling the behavior of dynamic systems. She also describes, and documents with photographs, the network's Star Trek-like operations room, which featured swivel chairs with armrest control panels, a wall of screens displaying data, and flashing red lights to indicate economic emergencies. Studying project Cybersyn today helps us understand not only the technological ambitions of a government in the midst of political

change but also the limitations of the Chilean revolution. This history further shows how human attempts to combine the political and the technological with the goal of creating a more just society can open new technological, intellectual, and political possibilities. Technologies, Medina writes, are historical texts; when we read them we are reading history.

The Epistemology of Resistance - José Medina 2013
This book explores the epistemic side of racial and sexual oppression. It elucidates how social insensitivities and imposed silences prevent members of different groups from listening to each other.

Handbook of Middle American Indians, Volumes 7 and 8 - Evon Z. Vogt 2015-01-16
Ethnology comprises the seventh and eighth volumes in the Handbook of Middle American Indians, published in cooperation with the Middle American Research Institute of Tulane University under the general editorship of Robert Wauchope (1909–1979). The editor of the Ethnology volumes is Evon Z. Vogt (1918–2004), Professor of Anthropology in the Department of Social Relations, Harvard University. These two books contain forty-three articles, all written by authorities in their field, on the ethnology of the Maya region, the southern Mexican highlands and adjacent regions, the central Mexican highlands, western Mexico, and northwest Mexico. Among the topics described for each group of Indians are the history of ethnological investigations, cultural and linguistic distributions, major postcontact events, population, subsistence systems and food patterns, settlement patterns, technology, economy, social organization, religion and world view, aesthetic and recreational patterns, life cycle and personality development, and annual cycle of life. The volumes are illustrated with photographs and drawings of contemporary and early historical scenes of native Indian life in Mexico and Central America. The Handbook of Middle American Indians was assembled and edited at the Middle American Research Institute of Tulane University with the assistance of grants from the National Science Foundation and under the sponsorship of the National Research Council Committee on Latin American Anthropology.

Innovative Models for Sustainable Development in Emerging African Countries - Niccolò Aste 2019-12-30
This open access book explores key issues and presents recent case studies in areas of importance for the transition to a circular model of development in emerging African countries that will minimize resource consumption and waste production. The topics covered include the development of sustainable housing models, energy and environmental issues in building design and technical systems, recycling for a sustainable future, models for humanitarian emergencies, and low-cost and web-based digital tools with applications in architecture and archaeology. The aim is to contribute to a necessary paradigm shift with respect to urban planning and usage of territories, moving from a linear urban metabolism based on the "take, make, dispose" approach to a circular metabolism. Such a change requires a focus on the relationship between the architectural, urban, and physical aspects of new developments, climate, and energy demand, as well as the identification and integration of strategies and infrastructures to achieve a high level of efficiency and self-sufficiency. The book will appeal to all with an interest in sustainable development in the African context.

Business Finance' 2007 Ed. - Roberto G. Medina 2007

Information-Based Manufacturing - Michael J. Shaw 2001-01-31
Because of their mutually influencing interactions, information systems and modern manufacturing systems are intertwined. They have been so integrated that information systems have become an embedded and critical component of any effective manufacturing system. The impact of the increasing focus on information permeates throughout the manufacturing life cycle, from product conceptualization, design, process planning, all the way to production, order fulfilment, and customer services. For these reasons, it is critical that we study information-based manufacturing in its entirety, crossing the traditional functional boundaries and building as much synergy between Information Systems (IS), Information Technology (IT), and manufacturing as possible. This is the motivation for this book and, to this end, the purpose of this book is

threefold: to establish an up-to-date interdisciplinary research framework for information-based manufacturing that builds on the research foundation from IS and IT and manufacturing research; to develop a forward-looking research agenda for information-based manufacturing for identifying future directions for research and applications; and to foster a joint academic and industrial research agenda in information systems and manufacturing by identifying the greatest synergy possible between academic research and industrial practices.

Effective Management of Social Enterprises - Loretta Serrano 2006-01-01
The core purpose of social enterprise is to create value for the betterment of society. This aim lies at the center of the framework and is the end toward which all other elements in the framework must contribute. Greater alignment of these elements with the central purpose produces higher organizational coherence which contributes to superior performance.

Proceedings of the 6th Brazilian Technology Symposium (BTSym'20) - Yuzo Iano 2021-06-14
This book presents the Proceedings of The 6th Brazilian Technology Symposium (BTSym'20). The book discusses the current technological issues on Systems Engineering, Mathematics and Physical Sciences, such as the Transmission Line, Protein-Modified Mortars, Electromagnetic Properties, Clock Domains, Chebyshev Polynomials, Satellite Control Systems, Hough Transform, Watershed Transform, Blood Smear Images, Toxoplasma Gondi, Operation System Developments, MIMO Systems, Geothermal-Photovoltaic Energy Systems, Mineral Flotation Application, CMOS Techniques, Frameworks Developments, Physiological Parameters Applications, Brain–Computer Interface, Artificial Neural Networks, Computational Vision, Security Applications, FPGA Applications, IoT, Residential Automation, Data Acquisition, Industry 4.0, Cyber-Physical Systems, Digital Image Processing, Patters Recognition, Machine Learning, Photocatalytic Process, Physical–Chemical Analysis, Smoothing Filters, Frequency Synthesizers, Voltage-Controlled Ring Oscillator, Difference Amplifier, Photocatalysis, Photodegradation, current

technological issues on Human, Smart and Sustainable Future of Cities, such as the Digital Transformation, Data Science, Hydrothermal Dispatch, Project Knowledge Transfer, Immunization Programs, Efficiency and Predictive Methods, PMBOK Applications, Logistics Process, IoT, Data Acquisition, Industry 4.0, Cyber-Physical Systems, Fingerspelling Recognition, Cognitive Ergonomics, Ecosystem Services, Environmental, Ecosystem Services Valuation, Solid Waste and University Extension.

A History of the Spanish Novel - J. A. G. Ardila 2015
"The origins of the Spanish novel date back to the early picaresque novels and Don Quixote, in the sixteenth and seventeenth centuries, and the history of the genre in Spain presents the reader with such iconic works as Galdaos's Fortunata and Jacinta, Clarain's La Regenta, or Unamuno's Mist. A History of the Spanish Novel traces the developments of Spanish prose fiction in order to offer a comprehensive and detailed account of this important literary tradition. It opens with an introductory chapter that examines the evolution of the novel in Spain, with particular attention to the rise and emergence of the novel as a genre, during the sixteenth and seventeenth centuries, and the bearing of Golden-Age fiction in later novelists of all periods. The introduction contextualizes the Spanish novel in the circumstances and milestones of Spain's history, and in the wider setting of European literature. The volume is comprised of chapters presented diachronically, from the sixteenth to the twenty-first century and others concerned with specific traditions (the chivalric romance, the picaresque, the modernist novel, the avant-gardist novel) and with some of the most salient authors (Cervantes, Zayas, Pardo Bazaan Galdaos, and Baroja). A History of the Spanish Novel takes the reader across the centuries to reveal the captivating life of the Spanish novel tradition, in all its splendour, and its phenomenal contribution to Western literature"--Back cover of book jacket.

Proceedings of the 5th Brazilian Technology Symposium - Yuzo Iano 2020-12-15
This book presents the proceedings of the 5th Edition of the Brazilian Technology Symposium (BTSym). This event brings together researchers, students and professionals from the industrial and academic sectors, seeking to create and/or strengthen links between issues of joint interest, thus promoting technology and innovation at nationwide level. The BTSym facilitates the smart integration of traditional and renewable power generation systems, distributed generation, energy storage, transmission, distribution and demand management. The areas of knowledge covered by the event are Smart Designs, Sustainability, Inclusion, Future Technologies, IoT, Architecture and Urbanism, Computer Science, Information Science, Industrial Design, Aerospace Engineering, Agricultural Engineering, Biomedical Engineering, Civil Engineering, Control and Automation Engineering, Production Engineering, Electrical Engineering, Mechanical Engineering, Naval and Oceanic Engineering, Nuclear Engineering, Chemical Engineering, Probability and Statistics.

The Oxford Handbook of Borderlands of the Iberian World - Danna A. Levin Rojo 2019-12-04
This collaborative multi-authored volume integrates interdisciplinary approaches to ethnic, imperial, and national borderlands in the Iberian World (16th to early 19th centuries). It illustrates the historical processes that produced borderlands in the Americas and connected them to global circuits of exchange and migration in the early modern world. The book offers a balanced state-of-the-art educational tool representing innovative research for teaching and scholarship. Its geographical scope encompasses imperial borderlands in what today is northern Mexico and southern United States; the greater Caribbean basin, including cross-imperial borderlands among the island archipelagos and Central America; the greater Paraguayan river basin, including the Gran Chaco, lowland Brazil, Paraguay, and Bolivia; the Amazonian borderlands; the grasslands and steppes of southern Argentina and Chile; and Iberian trade and religious networks connecting the Americas to Africa and Asia. The volume is structured around the following broad themes: environmental change and humanly crafted landscapes; the role of indigenous allies in the Spanish and Portuguese military expeditions; negotiations of power across imperial

lines and indigenous chiefdoms; the parallel development of subsistence and commercial economies across terrestrial and maritime trade routes; labor and the corridors of forced and free migration that led to changing social and ethnic identities; histories of science and cartography; Christian missions, music, and visual arts; gender and sexuality, emphasizing distinct roles and experiences documented for men and women in the borderlands. While centered in the colonial era, it is framed by pre-contact Mesoamerican borderlands and nineteenth-century national developments for those regions where the continuity of inter-ethnic relations and economic networks between the colonial and national periods is particularly salient, like the central Andes, lowland Bolivia, central Brazil, and the Mapuche/Pehuenche captaincies in South America. All the contributors are highly recognized scholars, representing different disciplines and academic traditions in North America, Latin America and Europe.

Problems & Solutions in Inventory Management - Dinesh Shenoy 2017-10-05
This book presents a compilation of over 200 numerical problems and solutions that students can use to learn, practice and master the Inventory Control and Management concepts. Intended as a companion to any of the standard textbooks in Inventory Control and Management and written in simple language, it illustrates very clearly the steps students need to follow in order to solve a given problem. It also explains which solution methodologies can be used under which circumstances. Offering an ideal one-stop resource for mid-level engineering and business students who have taken Inventory Management or a related subject as an elective, this book is the only one students will ever need to prepare and gain confidence for their examinations in this subject.

Our Lady of Everyday Life - María Del Socorro Castañeda-Liles 2018-03-01
For Mexican Catholic women in the United States, devotion to Our Lady of Guadalupe-La Virgen-is a necessary aspect of their cultural identity. In this masterful ethnography, María Del Socorro Castañeda-Liles considers three generations of Mexican-origin women between the ages of 18 and 82. She examines the Catholic beliefs the women inherited from their mothers and how these beliefs become the template from which they first learn to see themselves as people of faith. She also offers a comprehensive analysis of how Catholicism creates a culture in which Mexican-origin women learn how to be "good girls" in a manner that reduces their agency to rubble. Through the nexus of faith and lived experience, these women develop a type of Mexican Catholic imagination that helps them challenge the sanctification of shame, guilt, and aguante (endurance at all cost). This imagination allows these women to transgress strict notions of what a good Catholic woman should be while retaining life-giving aspects of Catholicism. This transgression is most visible in their relationship to La Virgen, which is a fluid and deeply engaged process of self-awareness in everyday life.

Business Model Generation - Alexander Osterwalder 2013-02-01
Business Model Generation is a handbook for visionaries, game changers, and challengers striving to defy outmoded business models and design tomorrow's enterprises. If your organization needs to adapt to harsh new realities, but you don't yet have a strategy that will get you out in front of your competitors, you need Business Model Generation. Co-created by 470 "Business Model Canvas" practitioners from 45 countries, the book features a beautiful, highly visual, 4-color design that takes powerful strategic ideas and tools, and makes them easy to implement in your organization. It explains the most common Business Model patterns, based on concepts from leading business thinkers, and helps you reinterpret them for your own context. You will learn how to systematically understand, design, and implement a game-changing business model--or analyze and renovate an old one. Along the way, you'll understand at a much deeper level your customers, distribution channels, partners, revenue streams, costs, and your core value proposition. Business Model Generation features practical innovation techniques used today by leading consultants and companies worldwide, including 3M, Ericsson, Capgemini, Deloitte, and others. Designed for doers, it is for those ready to abandon outmoded thinking and embrace new models of value creation: for executives, consultants, entrepreneurs,

and leaders of all organizations. If you're ready to change the rules, you belong to "the business model generation!"

Thermal Engineering - R.K. Rajput 2005

Logistics Engineering and Management - Benjamin S. Blanchard 1998
An authoritative exploration of logistics management within the engineering design and development process, this book concentrates on the design, sustaining maintenance and support of systems. Deals with "logistics" from a total systems/life cycle perspective and includes those activities associated with the determination of requirements, the design, development, production, utilization, sustaining maintenance and data support, and retirement of systems. Emphasizes the importance of addressing logistics in the early phases of the system life cycle, including: design engineering aspects and design of systems for supportability.

Philippine national bibliography - 2000

Nitrate Handbook - Christos Tsadilas 2022-01-03
Nitrate Handbook: Environmental, Agricultural, and Health Effects provides an overview of the entire nitrate cycle and the processes influencing nitrate transformation. It clearly identifies the role of nitrate as an essential nutrient in plant growth, food preservation, and human health. Using the most up-to-date knowledge and research, this handbook illustrates how the steadily increasing human population and demand for food, which results in higher amounts of nitrate needed by soils, makes new regulations on the management and usage of nitrates a high priority. A detailed explanation concerning the discrepancies between the public's perception of nitrate's harm versus the reality of its human health benefits is given via a balanced and evidence-based approach. All questions pertaining to the influences of nitrate and its derivatives on plant physiology and human health are explored in depth. This comprehensive resource with contributions from distinguished researches in the field is a must-have for professionals and students who study and work with nitrates. Features: Includes in depth discussion on the wide spectrum of nitrate present in the environment. Focuses on the progress made on nitrate research and its importance. Answers all questions about nitrate and its derivatives' influences on plant physiology and human health. Enables decision makers and public authorities to manage social concerns Compiles in one resource the findings of many distinguished researchers in the field.

Cloud Computing Security - John R. Vacca 2020-11-05
This handbook offers a comprehensive overview of cloud computing security technology and implementation while exploring practical solutions to a wide range of cloud computing security issues. As more organizations use cloud computing and cloud providers for data operations, the need for proper security in these and other potentially vulnerable areas has become a global priority for organizations of all sizes. Research efforts from academia and industry as conducted and reported by experts in all aspects of security related to cloud computing are gathered within one reference guide. Features • Covers patching and configuration vulnerabilities of a cloud server • Evaluates methods for data encryption and long-term storage in a cloud server • Demonstrates how to verify identity using a certificate chain and how to detect inappropriate changes to data or system configurations John R. Vacca is an information technology consultant and internationally known author of more than 600 articles in the areas of advanced storage, computer security, and aerospace technology. John was also a configuration management specialist, computer specialist, and the computer security official (CSO) for NASA's space station program (Freedom) and the International Space Station Program from 1988 until his 1995 retirement from NASA.

Information Technology and Systems - Álvaro Rocha 2020-01-31
This book is composed by the papers accepted for presentation and discussion at The 2019 International Conference on Information Technology & Systems (ICITS'20), held at the Universidad Distrital Francisco José de Caldas, in Bogotá, Colombia, on 5th to 7th February 2020. ICIST is a global forum for researchers and practitioners to

present and discuss recent findings and innovations, current trends, professional experiences and challenges of modern information technology and systems research, together with their technological development and applications. The main topics covered are: information and knowledge management; organizational models and information systems; software and systems modelling; software systems, architectures, applications and tools; multimedia systems and applications; computer networks, mobility and pervasive systems; intelligent and decision support systems; big data analytics and applications; human–computer interaction; ethics, computers & security; health informatics; information technologies in education.

Cooperative Enterprises - 2016

Brain Rules for Baby (Updated and Expanded) - John Medina 2014-04-22
What's the single most important thing you can do during pregnancy? What does watching TV do to a child's brain? What's the best way to handle temper tantrums? Scientists know. In his New York Times bestseller Brain Rules, Dr. John Medina showed us how our brains really work—and why we ought to redesign our workplaces and schools. Now, in Brain Rules for Baby, he shares what the latest science says about how to raise smart and happy children from zero to five. This book is destined to revolutionize parenting. Just one of the surprises: The best way to get your children into the college of their choice? Teach them impulse control. Brain Rules for Baby bridges the gap between what scientists know and what parents practice. Through fascinating and funny stories, Medina, a developmental molecular biologist and dad, unravels how a child's brain develops – and what you can do to optimize it. You will view your children—and how to raise them—in a whole new light. You'll learn: Where nature ends and nurture begins Why men should do more household chores What you do when emotions run hot affects how your baby turns out, because babies need to feel safe above all TV is harmful for children under 2 Your child's ability to relate to others predicts her future math performance Smart and happy are inseparable. Pursuing your child's intellectual success at the expense of his happiness achieves neither Praising effort is better than praising intelligence The best predictor of academic performance is not IQ. It's self-control What you do right now—before pregnancy, during pregnancy, and through the first five years—will affect your children for the rest of their lives. Brain Rules for Baby is an indispensable guide.

Business Organization and Management' 2006 Ed. - R. Medina 2006

Sustainable Development and Renovation in Architecture, Urbanism and Engineering - Pilar Mercader-Moyano 2017-03-17
This book provides an overview of the environmental problems that arise from construction activity, focusing on refurbishment as an alternative to the current crisis in the construction sector, as well as on measures designed to minimize the effects on the environment. Furthermore, it offers professionals insights into alternative eco-efficient solutions using new materials to minimize environmental impacts and offers solutions that they can incorporate into their own designs and buildings. It also demonstrates best practices in the cooperation between various universities in Andalusia in Spain and Latin America and many public and private companies and organizations. This book serves as a valuable reference resource for professionals and researchers and provides an overview on the status of investigations to find solutions to improve sustainable development in terms of materials, systems, facilities, neighborhoods, buildings, and awareness of the society involved.

New Perspectives on Enterprise Decision-Making Applying Artificial Intelligence Techniques - Julian Andres Zapata-Cortes 2021-06-07
This book presents different techniques and methodologies that used to help improve the decision-making process and increase the likelihood of success in sector as follows: agriculture, financial services, logistics, energy services, health and others. This book collects and consolidates innovative and high-quality research contributions regarding the implementation techniques and methodologies applied in different industrial sectors. The scope is to disseminate current trends knowledge in the implementation of artificial intelligence techniques and

methodologies in different fields as follows: supply chain, business intelligence, e-commerce, social media and others. The book contents are useful for Ph.D., Ph.D. students, master and undergraduate students, and professional and students in industrial engineering, computer science, information systems, data analytics and others.

Encyclopedia of Information Science and Technology - Mehdi Khosrow-Pour 2009
"This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by publisher.

Annual Commencement - Stanford University 1978

30th European Symposium on Computer Aided Chemical Engineering - Sauro Pierucci 2020-10-23
30th European Symposium on Computer Aided Chemical Engineering, Volume 47 contains the papers presented at the 30th European Symposium of Computer Aided Process Engineering (ESCAPE) event held in Milan, Italy, May 24-27, 2020. It is a valuable resource for chemical engineers, chemical process engineers, researchers in industry and academia, students, and consultants for chemical industries. Presents findings and discussions from the 30th European Symposium of Computer Aided Process Engineering (ESCAPE) event Offers a valuable resource for chemical engineers, chemical process engineers, researchers in industry and academia, students, and consultants for chemical industries

Engineering Management - 1982

A City on a Lake - Matthew Vitz 2018-04-27
In A City on a Lake Matthew Vitz tracks the environmental and political history of Mexico City and explains its transformation from a forested, water-rich environment into a smog-infested megacity plagued by environmental problems and social inequality. Vitz shows how Mexico City's unequal urbanization and environmental decline stemmed from numerous scientific and social disputes over water policy, housing, forestry, and sanitary engineering. From the prerevolutionary efforts to create a hygienic city supportive of capitalist growth, through revolutionary demands for a more democratic distribution of resources, to the mid-twentieth-century emergence of a technocratic bureaucracy that served the interests of urban elites, Mexico City's environmental history helps us better understand how urban power has been exercised, reproduced, and challenged throughout Latin America.

Trends and Innovations in Information Systems and Technologies - Álvaro Rocha 2020-05-18
This book gathers selected papers presented at the 2020 World Conference on Information Systems and Technologies (WorldCIST'20), held in Budva, Montenegro, from April 7 to 10, 2020. WorldCIST provides a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences with and challenges regarding various aspects of modern information systems and technologies. The main topics covered are A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human–Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; and N) Technologies for Biomedical Applications.

The Management of Projects - Peter W. G. Morris 1997
This book will undoubtedly become one of the classics of the project management literature.There will be a growing need for project managers who can look beyond the internal processes of their projects to the organisational, technological and socio-economic contexts in which projects must be managed. A good starting point would be for all project managers to read this.book.- Construction Management and Economics

Econometrics For Dummies - Roberto Pedace 2013-06-05
Score your highest in econometrics? Easy. Econometrics can prove

challenging for many students unfamiliar with the terms and concepts discussed in a typical econometrics course. Econometrics For Dummies eliminates that confusion with easy-to-understand explanations of important topics in the study of economics. Econometrics For Dummies breaks down this complex subject and provides you with an easy-to-follow course supplement to further refine your understanding of how econometrics works and how it can be applied in real-world situations. An excellent resource for anyone participating in a college or graduate level econometrics course Provides you with an easy-to-follow introduction to the techniques and applications of econometrics Helps you score high on exam day If you're seeking a degree in economics and looking for a plain-English guide to this often-intimidating course, Econometrics For Dummies has you covered.

Project Management - Harold Kerzner 2013-01-22
A new edition of the most popular book of project management case studies, expanded to include more than 100 cases plus a "super case" on the Iridium Project Case studies are an important part of project management education and training. This Fourth Edition of Harold Kerzner's Project Management Case Studies features a number of new cases covering value measurement in project management. Also included is the well-received "super case," which covers all aspects of project management and may be used as a capstone for a course. This new edition: Contains 100-plus case studies drawn from real companies to illustrate both successful and poor implementation of project

management Represents a wide range of industries, including medical and pharmaceutical, aerospace, manufacturing, automotive, finance and banking, and telecommunications Covers cutting-edge areas of construction and international project management plus a "super case" on the Iridium Project, covering all aspects of project management Follows and supports preparation for the Project Management Professional (PMP®) Certification Exam Project Management Case Studies, Fourth Edition is a valuable resource for students, as well as practicing engineers and managers, and can be used on its own or with the new Eleventh Edition of Harold Kerzner's landmark reference, Project Management: A Systems Approach to Planning, Scheduling, and Controlling. (PMP and Project Management Professional are registered marks of the Project Management Institute, Inc.)

Knowledge Management in Organizations - Lorna Uden 2019-06-11
This book contains the refereed proceedings of the 14th International Conference on Knowledge Management in Organizations, KMO 2019, held in Zamora, Spain, in July 2019. The 46 papers accepted for KMO 2018 were selected from 109 submissions and are organized in topical sections on: knowledge management models and analysis; knowledge transfer and learning; knowledge and service innovation; knowledge creation; knowledge and organization; information systems and information science; data mining and intelligent science; social networks and social aspects of KM; big data and IoT; and new trends in IT.