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## **KEY=MANAGEMENT - DONNA MIDDLETON**

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### **CO-ENGINEERING AND PARTICIPATORY WATER MANAGEMENT**

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#### **ORGANISATIONAL CHALLENGES FOR WATER GOVERNANCE**

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*Cambridge University Press* Effective participatory water management requires effective co-engineering – the collective process whereby organisational decisions are made on how to bring stakeholders together. This trans-disciplinary book highlights the challenges involved in the collective initiation, design, implementation and evaluation of water planning and management processes. It demonstrates how successful management requires the effective handling of two participatory processes: the stakeholder water management process and the co-engineering process required to organise this. The book provides practical methods for supporting improved participatory processes, including the application of theory and models to aid decision-making. International case studies of these applications from Australia, Europe and all over the world including Africa, are used to examine negotiations and leadership approaches, and their effects on the participatory stakeholder processes. This international review of participatory water governance forms an important resource for academic researchers in hydrology, environmental management and water policy, and also practitioners and policy-makers working in water management.

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#### **COMPLEX SYSTEMS: SOLUTIONS AND CHALLENGES IN ECONOMICS, MANAGEMENT AND ENGINEERING**

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#### **DEDICATED TO PROFESSOR JAIME GIL ALUJA**

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*Springer* This book presents an authoritative collection of contributions reporting on fuzzy logic and decision theory, together with applications and case studies in economics and management science. Dedicated to Professor Jaime Gil Aluja in recognition of his pioneering work, the book reports on theories, methods and new challenges, thus offering not only a timely reference guide but also a source of new ideas and inspirations for graduate students and researchers alike.

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#### **URBAN WATER ENGINEERING AND MANAGEMENT**

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*CRC Press* In past decades, urban water management practices focused on optimizing the design and operation of water distribution networks, wastewater collection systems, and water and wastewater treatment plants. However, municipalities are now faced with aging urban water infrastructures whose operation must be improved and expanded to maintain current high

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#### **INNOVATION ECONOMICS, ENGINEERING AND MANAGEMENT HANDBOOK 2**

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#### **SPECIAL THEMES**

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*John Wiley & Sons* Innovation, in economic activity, in managerial concepts and in engineering design, results from creative activities, entrepreneurial strategies and the business climate. Innovation leads to technological, organizational and commercial changes, due to the relationships between enterprises, public institutions and civil society organizations. These innovation networks create new knowledge and contribute to the dissemination of new socio-economic and technological models, through new production and marketing methods. Innovation Economics, Engineering and Management Handbook 2 is the second of the two volumes that comprise this book. The main objectives across both volumes are to study the innovation processes in today's information and knowledge society; to analyze how links between research and business have intensified; and to discuss the methods by which innovation emerges and is managed by firms, not only from a local perspective but also a global one. The studies presented in these two volumes contribute toward an understanding of the systemic nature of innovations and enable reflection on their potential applications, in order to think about the meaning of growth and prosperity

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#### **ADVANCES IN MANAGEMENT ENGINEERING**

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*Springer* This book deals with research in open challenges in Management Engineering in the 21st century, as well as selected opportunities and solutions to remedy them. Management Engineering is an emerging field that extends the analytical methods used in traditional Industrial Engineering and Industrial Organization to address the economic, behavioral and social dimensions of companies and their environments. Management Engineering extends its domain beyond the firm and the market to encompass the modeling and policy design of physical landscapes populated by social agents. The developments of the 21st century have made it necessary to adopt an integrative and global view of the different methodologies and tools that facilitate managers' decision-making

processes, ranging from the strategic to the operational level. This book equips readers with precisely these urgently needed resources.

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## **WATER ENGINEERING AND MANAGEMENT THROUGH TIME**

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### **LEARNING FROM HISTORY**

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*CRC Press* Water Engineering and Management - Learning from History explores the pair technology / water use (an indivisible pair, since the first member of the binomial determines the second) which, in the light of the knowledge available in the 21st century and with a conception focused on the near future, goes beyond the limits set by nature itself. T

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## **19TH INTERNATIONAL CONGRESS ON PROJECT MANAGEMENT AND ENGINEERING**

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### **ABSTRACTS - RESÚMENES**

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*Asociación Española de Dirección e Ingeniería de Proyectos (AEIPRO)* Libro de resúmenes del XIX Congreso Internacional de Dirección e Ingeniería de Proyectos (CIDIP 2015) celebrado en Granada

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## **PROCESS ENGINEERING RENEWAL 1**

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### **BACKGROUND AND TRAINING**

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*John Wiley & Sons* Process engineering emerged at the beginning of the 20th Century and has become an essential scientific discipline for the matter and energy processing industries. Its success is incontrovertible, with the exponential increase in techniques and innovations. Rapid advances in new technologies such as artificial intelligence, as well as current societal needs - sustainable development, climate change, renewable energy, the environment - are developments that must be taken into account in industrial renewal. Process Engineering Renewal 1 - the first volume of three - focuses on training, demonstrating the need for innovation in order for the field to have a framework that is sustainable, in a highly changeable world.

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## **MODELING AND SIMULATION IN ENGINEERING, ECONOMICS, AND MANAGEMENT**

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### **INTERNATIONAL CONFERENCE, MS 2013, CASTELLÓN DE LA PLANA, SPAIN, JUNE 6-7, 2013, PROCEEDINGS**

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*Springer* This book contains the refereed proceedings of the International Conference on Modeling and Simulation in Engineering, Economics, and Management, MS 2013, held in Castellón de la Plana, Spain, in June 2013. The event was co-organized by the AMSE Association and the SoGReS Research Group of the Jaume I University. This edition of the conference paid special attention to modeling and simulation in diverse fields of business management. The 28 full papers in this book were carefully reviewed and selected from 65 submissions. They are organized in topical sections on: modeling and simulation in CSR and sustainable development; modeling and simulation in finance and accounting; modeling and simulation in management and marketing; modeling and simulation in economics and politics; knowledge-based expert and decision support systems; and modeling and simulation in engineering.

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## **MODÉLISER LES ACCIDENTS ET LES CATASTROPHES INDUSTRIELLES : LA MÉTHODE STAMP**

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*Lavoisier* Synthèse unique en langue française, Modéliser les accidents et les catastrophes industrielles : la méthode STAMP est le fruit d'un travail de recherche sur les modèles d'accident au sein des systèmes, qu'ils soient techniques et/ou sociaux. Cet ouvrage décrit les principales grandes théories, modèles et approches mobilisables pour comprendre, évaluer et mettre en place une démarche de prévention des accidents et de gestion des risques au sein de systèmes sociotechniques. Il présente ainsi tous les éléments nécessaires à la compréhension des modèles d'accident : définitions, objectifs, cadres théoriques et scientifiques, limites et développements, etc... L'ouvrage aborde l'accident selon une approche systémique, notamment selon la théorie générale des systèmes de Bertalanffy. Puis il propose une étude du modèle STAMP et de la technique d'analyse des dangers STPA à travers sa mise en application au sein d'un système socio-technique industriel de traitement de sédiments contaminés, en vue d'en évaluer la sécurité et d'en améliorer la performance. Clair et concis, il permet ainsi : de connaître les principaux modèles d'accident existants et de les comprendre ; d'appréhender la modélisation d'accident comme un outil essentiel de compréhension et d'analyse des interactions entre les différents éléments d'un système et donc de son comportement ; d'acquies et d'approfondir ses connaissances sur le modèle d'accident STAMP ainsi que sur son application au sein de systèmes socio-techniques. Modéliser les accidents et les catastrophes industrielles : la méthode STAMP s'adresse à tous les professionnels de la sécurité souhaitant consolider leur connaissance des évaluations de la sécurité ou des enquêtes sur les accidents au sein des systèmes socio-techniques.

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## **RECENT ADVANCES IN GEO-ENVIRONMENTAL ENGINEERING, GEOMECHANICS AND GEOTECHNICS, AND GEOHAZARDS**

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### **PROCEEDINGS OF THE 1ST SPRINGER CONFERENCE OF THE ARABIAN JOURNAL OF GEOSCIENCES (CAJG-1), TUNISIA 2018**

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*Springer* This edited volume contains the best papers in the geo-engineering field accepted for presentation at the 1st Springer Conference of the Arabian Journal of Geosciences, Tunisia 2018. In addition, it includes 3 keynotes by international experts on the following topics: 1. A new three-dimensional rock mass strength criterion 2. New tools and techniques of remote sensing for geologic hazard assessment 3. Land subsidence induced by the engineering-environmental effects in Shanghai China The book is useful for readers who would like to get a broad coverage in geo-engineering. It contains 11 chapters covering the following main areas: (a) Applications in geo-environmental engineering including soil remediation, (b) Characterization of geo-materials using geological,

geotechnical and geophysical techniques, (c) Soil improvement applications, (d) Soil behaviour under dynamic loading, (e) Recent studies on expansive soils, (f) Analytical and numerical modelling of various geo-structures, (g) Slope stability, (h) Landslides, (i) Subsidence studies and (j) Recent studies on various other types of geo-hazards.

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## **ENGINEERING AND OPERATIONS OF SYSTEM OF SYSTEMS**

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*CRC Press* Modern engineering systems are complex and multi-faceted, and must be flexible, adaptable, and fully integrated with the supply chain and other stakeholders to deliver an effective level of performance. Therefore, this book aims to create an operational view and new understanding of modern system design, commissioning, operation, services and support. It includes system of systems modelling and analysis techniques essential to develop whole of system in view of essential requirements. This book will address professional engineers/operations managers required to design, develop, implement and operate a complex socio-technical system containing many engineering systems. Key Features • Develops a holistic view of system of systems from all possible fields of interest • Introduces the idea of system configurability to understand system of systems in parallel with the typical, classical concepts of engineering systems design • Offers effective coverage of both the engineering aspects and operational aspects of systems of systems • Focuses on pragmatic viewpoints on how to analyze system of systems • Provides practical tools and methods for the readers to develop competence to configure and operate system of systems

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## **MONTHLY LABOR REVIEW**

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Publishes in-depth articles on labor subjects, current labor statistics, information about current labor contracts, and book reviews.

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## **A PRACTICUM FOR BIOMEDICAL ENGINEERING AND TECHNOLOGY MANAGEMENT ISSUES**

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*Kendall/Hunt Publishing Company*

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## **ECOLOGICAL ENGINEERING**

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## **PRINCIPLES AND PRACTICE**

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*CRC Press* Less expensive and more environmentally appropriate than conventional engineering approaches, constructed ecosystems are a promising technology for environmental problem solving. Undergraduates, graduate students, and working professionals need an introductory text that details the biology and ecology of this rapidly developing discipline, known as

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## **THE ACADEMIC PROFESSION IN EUROPE: NEW TASKS AND NEW CHALLENGES**

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*Springer Science & Business Media* This book is the first of several with the results of a collaborative European project supported by the European Science Foundation on changes in the academic profession in Europe (EUROAC). It provides a short description of the ESF EUROHESC programme and the particular forms of international collaborative research projects which are funded under the umbrella of this programme. It then outlines the EUROAC project. This project has chosen three foci (governance, professionalisation, academic careers) to analyse changes in the work of the academic profession. The first results in the form of in-depth literature reviews constitute the content of the book. These eight literature reviews about the state of the art of existing research feature the various dimensions of the overall theme. A particular emphasis is put on factors leading to changes in the work tasks of the academic profession in Europe and how the academic profession is coping with these new challenges. Thus, the book provides a state of the art account of existing research about the following themes: main results of previous studies on the academic profession; the academic profession and their interaction with new higher education professionals; professional identities in higher education; extending work tasks: civic mission and sustainable development; academic careers in academic markets; the changing role of academics in the face of rising managerialism; the influence of quality assurance, governance, and relevance on the satisfaction of the academic profession.

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## **SAFETY SCIENCE RESEARCH**

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## **EVOLUTION, CHALLENGES AND NEW DIRECTIONS**

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*CRC Press* Safety Science Research: Evolution, Challenges and New Directions provides a unique perspective into the latest developments of safety science by putting together, for the first time, a new generation of authors with some of the pioneers of the field. Forty years ago, research traditions were developed, including, among others, high-reliability organisations, cognitive system engineering or safety regulations. In a fast-changing world, the new generation introduces, in this book, new disciplinary insights, addresses contemporary empirical issues, develops new concepts and models while remaining critical of safety research practical ambitions. Their ideas are then reflected and discussed by some of the pioneers of safety science. Features Allows the reader to discover how contemporary safety issues are currently framed by a new generation of researchers, brought together for the first time Includes an introduction and guide to the development of safety science over the last four decades Features an extraordinary collection of expert contributors, including pioneers of safety research, reflecting the evolution of the discipline and offering insightful commentary on the current and future state of the field Serves as an invaluable reference and guide for safety professionals and students from any established disciplines such as sociology, engineering, psychology, political science or management as well as dedicated safety programmes Some figures in the eBook are in colour

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## **RISK MANAGEMENT**

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## **LEVER FOR SME DEVELOPMENT AND STAKEHOLDER VALUE CREATION**

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*John Wiley & Sons* Risk management practices are growing both in number and complexity in businesses, notably driven by new regulatory standards that feature risk management at their core. Although large businesses are more likely to adopt a formal, holistic

approach to risk management, the stakes are just as high for SMEs. Risk management in SMEs can contribute to a certain organizational, entrepreneurial and partnership dynamic which constitutes a real opportunity to evolve practices and improve performance. This book offers varied responses to this question by combining conceptual approaches, empirical illustrations and the associated managerial implications.

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## **INSTRUMENTATION TECHNOLOGY**

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*IOS Press*

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### **RESILIENCE ENGINEERING PERSPECTIVES, VOLUME 1**

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#### **REMAINING SENSITIVE TO THE POSSIBILITY OF FAILURE**

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*CRC Press* In the resilience engineering approach to safety, failures and successes are seen as two different outcomes of the same underlying process, namely how people and organizations cope with complex, underspecified and therefore partly unpredictable work environments. Therefore safety can no longer be ensured by constraining performance and eliminating risks. Instead, it is necessary to actively manage how people and organizations adjust what they do to meet the current conditions of the workplace, by trading off efficiency and thoroughness and by making sacrificing decisions. The Ashgate Studies in Resilience Engineering series promulgates new methods, principles and experiences that can complement established safety management approaches, providing invaluable insights and guidance for practitioners and researchers alike in all safety-critical domains. While the Studies pertain to all complex systems they are of particular interest to high hazard sectors such as aviation, ground transportation, the military, energy production and distribution, and healthcare. Published periodically within this series will be edited volumes titled Resilience Engineering Perspectives. The first volume, Remaining Sensitive to the Possibility of Failure, presents a collection of 20 chapters from international experts. This collection deals with important issues such as measurements and models, the use of procedures to ensure safety, the relation between resilience and robustness, safety management, and the use of risk analysis. The final six chapters utilise the report from a serious medical accident to illustrate more concretely how resilience engineering can make a difference, both to the understanding of how accidents happen and to what an organisation can do to become more resilient.

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## **INTEGRATING PROGRAM MANAGEMENT AND SYSTEMS ENGINEERING**

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### **METHODS, TOOLS, AND ORGANIZATIONAL SYSTEMS FOR IMPROVING PERFORMANCE**

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*John Wiley & Sons* Integrate critical roles to improve overall performance in complex engineering projects Integrating Program Management and Systems Engineering shows how organizations can become more effective, more efficient, and more responsive, and enjoy better performance outcomes. The discussion begins with an overview of key concepts, and details the challenges faced by System Engineering and Program Management practitioners every day. The practical framework that follows describes how the roles can be integrated successfully to streamline project workflow, with a catalog of tools for assessing and deploying best practices. Case studies detail how real-world companies have successfully implemented the framework to improve cost, schedule, and technical performance, and coverage of risk management throughout helps you ensure the success of your organization's own integration strategy. Available course outlines and PowerPoint slides bring this book directly into the academic or corporate classroom, and the discussion's practical emphasis provides a direct path to implementation. The integration of management and technical work paves the way for smoother projects and more positive outcomes. This book describes the integrated goal, and provides a clear framework for successful transition. Overcome challenges and improve cost, schedule, and technical performance Assess current capabilities and build to the level your organization needs Manage risk throughout all stages of integration and performance improvement Deploy best practices for teams and systems using the most effective tools Complex engineering systems are prone to budget slips, scheduling errors, and a variety of challenges that affect the final outcome. These challenges are a sign of failure on the part of both management and technical, but can be overcome by integrating the roles into a cohesive unit focused on delivering a high-value product. Integrating Program Management with Systems Engineering provides a practical route to better performance for your organization as a whole.

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## **INNOVATION ECONOMICS, ENGINEERING AND MANAGEMENT HANDBOOK 1**

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### **MAIN THEMES**

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*John Wiley & Sons* Innovation, in economic activity, in managerial concepts and in engineering design, results from creative activities, entrepreneurial strategies and the business climate. Innovation leads to technological, organizational and commercial changes, due to the relationships between enterprises, public institutions and civil society organizations. These innovation networks create new knowledge and contribute to the dissemination of new socio-economic and technological models, through new production and marketing methods. Innovation Economics, Engineering and Management Handbook 1 is the first of the two volumes that comprise this book. The main objectives across both volumes are to study the innovation processes in today's information and knowledge society; to analyze how links between research and business have intensified; and to discuss the methods by which innovation emerges and is managed by firms, not only from a local perspective but also a global one. The studies presented in these two volumes contribute toward an understanding of the systemic nature of innovations and enable reflection on their potential applications, in order to think about the meaning of growth and prosperity.

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## **MECHANICAL ENGINEERING**

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### **THE JOURNAL OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS**

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## DEPARTMENT OF DEFENSE APPROPRIATIONS FOR 1969

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## HEARINGS BEFORE A SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES, NINETIETH CONGRESS, SECOND SESSION

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## RISK MANAGEMENT IN PUBLIC-PRIVATE PARTNERSHIPS

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*Routledge* Public-Private Partnership (PPP) is a channel through which the public sector can seek alternative funding and expertise from the private sector to procure public infrastructure. Governments around the world are increasingly turning to Public-Private Partnerships to deliver essential goods and services. Unfortunately, PPPs, like any other public procurement, can be at risk of corruption. This book begins by looking at the basics of PPP and the challenges of the PPP process. It then conceptualizes the vulnerability of various stages of Public-Private Partnership models and corruption risk against the backdrop of contract theory, principal-agent theory and transaction cost economics. The book also discusses potential control mechanisms. The book also stresses the importance of good governance for PPP. It outlines principles and procedures of project risk management (PRM) developed by a working party of the Association of Project Managers. Finally, the book concludes by proposing strategies and solutions to overcome the limitations and challenges of the current approach toward PPP.

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## ONTOLOGY-BASED APPLICATIONS FOR ENTERPRISE SYSTEMS AND KNOWLEDGE MANAGEMENT

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*IGI Global* "This book provides an opportunity for readers to clearly understand the notion of ontology engineering and the practical aspects of this approach in the domains of two interest areas: Knowledge Management Systems and Enterprise Systems"--

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## CHEMICAL ENGINEERING PROGRESS

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## 18TH EUROPEAN SYMPOSIUM ON COMPUTER AIDED PROCESS ENGINEERING

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*Elsevier* The 18th European Symposium on Computer Aided Process Engineering contains papers presented at the 18th European Symposium of Computer Aided Process Engineering (ESCAPE 18) held in Lyon, France, from 1-4 June 2008. The ESCAPE series brings the latest innovations and achievements by leading professionals from the industrial and academic communities. The series serves as a forum for engineers, scientists, researchers, managers and students from academia and industry to: - present new computer aided methods, algorithms, techniques related to process and product engineering, - discuss innovative concepts, new challenges, needs and trends in the area of CAPE. This research area bridges fundamental sciences (physics, chemistry, thermodynamics, applied mathematics and computer sciences) with the various aspects of process and product engineering. The special theme for ESCAPE-18 is CAPE for the Users! CAPE systems are to be put in the hands of end users who need functionality and assistance beyond the scientific and technological capacities which are at the core of the systems. The four main topics are: - off-line systems for synthesis and design, - on-line systems for control and operation, - computational and numerical solutions strategies, - integrated and multi-scale modelling and simulation, Two general topics address the impact of CAPE tools and methods on Society and Education. \* CD-ROM that accompanies the book contains all research papers and contributions \* International in scope with guest speeches and keynote talks from leaders in science and industry \* Presents papers covering the latest research, key top areas and developments in Computer Aided Process Engineering

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## AUSTRALIAN NATIONAL BIBLIOGRAPHY: 1992

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*National Library Australia*

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## ENGINEERING NEWS-RECORD

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## NEW CHALLENGES FOR KNOWLEDGE

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## DIGITAL DYNAMICS TO ACCESS AND SHARING

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*John Wiley & Sons* Digital technologies are reshaping every field of social and economic lives, so do they in the world of scientific knowledge. "The New Challenges of Knowledge" aims at understanding how the new digital technologies alter the production, diffusion and valorization of knowledge. We propose to give an insight into the economical, geopolitical and political stakes of numeric in knowledge in different countries. Law is at the center of this evolution, especially in the case of national and international confusion about Internet, Science and knowledge.

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## DESIGN THEORY

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## METHODS AND ORGANIZATION FOR INNOVATION

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*Springer* This textbook presents the core of recent advances in design theory and its implications for design methods and design organization. Providing a unified perspective on different design methods and approaches, from the most classic (systematic design) to the most advanced (C-K theory), it offers a unique and integrated presentation of traditional and contemporary theories in the field. Examining the principles of each theory, this guide utilizes numerous real life industrial applications, with clear links to engineering design, industrial design, management, economics, psychology and creativity. Containing a section of exams with detailed answers, it is useful for courses in design theory, engineering design and advanced innovation management. "Students and professors, practitioners and researchers in diverse disciplines, interested in design, will find in this book a rich and vital source for studying fundamental design methods and tools as well as the most advanced design theories that work in practice". Professor Yoram Reich, Tel Aviv University, Editor-in-Chief, Research In Engineering Design. "Twenty years of research in design theory and engineering have

shown that training in creative design is indeed possible and offers remarkably operational methods - this book is indispensable for all leaders and practitioners who wish to strengthen the innovation capacity of their company." Pascal Daloz, Executive Vice President, Dassault Systèmes

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## **GROUP DECISION MAKING UNDER MULTIPLE CRITERIA**

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### **METHODS AND APPLICATIONS**

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*Springer Science & Business Media* This monograph is intended for an advanced undergraduate or graduate course of engineering and management science, as well as for persons in business, industry, military or in any field, who want an introductory and a capsule look into the methods of group decision making under multiple criteria. This is a sequel to our previous works entitled "Multiple Objective Decision Making--Methods and Applications (No. 164 of the Lecture Notes), and "Multiple Attribute Decision Making--Methods and Applications (No. 186 of the Lecture Notes). Moving from a single decision maker (the consideration of Lecture Notes 164 and 186) to a multiple decision maker setting introduces a great deal of complexity into the analysis. The problem is no longer the selection of the most preferred alternative among the nondominated solutions according to one individual's (single decision maker's) preference structure. The analysis is extended to account for the conflicts among different interest groups who have different objectives, goals, and so forth. Group decision making under multiple criteria includes such diverse and interconnected fields as preference analysis, utility theory, social choice theory, committee decision theory, theory of voting, game theory, expert evaluation analysis, aggregation of qualitative factors, economic equilibrium theory, etc; these are simplified and systematically classified for beginners. This work is to provide readers with a capsule look into the existing methods, their characteristics, and applicability in the complexity of group decision making.

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## **HUMAN DIGNITY AND MANAGERIAL RESPONSIBILITY**

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### **DIVERSITY, RIGHTS, AND SUSTAINABILITY**

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*Gower Publishing, Ltd.* The treatment of employees is increasingly becoming recognised as an important ingredient of sustainable enterprise. As sustainability, and all that it implies, becomes ever more critical, this book, with its multiple perspectives on the workplace and on the issues therein, such as diversity in the broadest sense, fills a gap in the research related literature essential to a more rounded understanding of CSR.

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## **CANADIAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING**

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### **THE FOURTH INDUSTRIAL REVOLUTION**

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

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## **HEALTHCARE SYSTEMS**

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### **CHALLENGES AND OPPORTUNITIES**

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*John Wiley & Sons* This book is centered around the development of agile, high-performing healthcare institutions that are well integrated into their environment. The aim is to take advantage of artificial intelligence, optimization and simulation methods to provide solutions to prevent, anticipate, monitor and follow public health developments in order to intervene at the right time, using tools and resources that are both appropriate and effective. The focus is on the people involved - the patients, as well as medical, technical and administrative staff - in an effort to provide an efficient healthcare and working environment that meets safety, quality and productivity requirements. Healthcare Systems has been written by healthcare professionals, researchers in science and technology as well as in the social sciences and humanities from various French-speaking countries. It explores the challenges and opportunities presented by digital technology in our practices, organizations and management techniques.

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## **THE COUPLING OF SAFETY AND SECURITY**

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### **EXPLORING INTERRELATIONS IN THEORY AND PRACTICE**

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*Springer Nature* This open access book explores the synergies and tensions between safety and security management from a variety of perspectives and by combining input from numerous disciplines. It defines the concepts of safety and security, and discusses the methodological, organizational and institutional implications that accompany approaching them as separate entities and combining them, respectively. The book explores the coupling of safety and security from different perspectives, especially: the concepts and methods of risk, safety and security; the managerial aspects; user experiences in connection with safety and security. Given its scope, the book will be of interest to researchers and practitioners in the fields of safety and security, and to anyone working at a business or in an industry concerned with how safety and security should be managed.

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## **ENGINEERING AND CONTRACTING**

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