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Collaborative Enterprises (WET ICE '96) An Introduction to Management Science:  
Quantitative Approach [Quantitative Modelling in Marketing and Management \(second  
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Social Computing, Behavioral-Cultural Modeling and Prediction Jun 10 2021 This book constitutes the refereed proceedings of the 5th International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction, held in College Park, MD, USA, in April 2012. The 43 revised papers presented in this volume were carefully reviewed and selected from 76 submissions. The papers cover a wide range of topics including economics, public health, and terrorist activities, as well as utilize a broad variety of methodologies, e.g., machine learning, cultural modeling and cognitive modeling.

[Introduction to Robust Estimation and Hypothesis Testing](#) May 29 2020 "This book focuses on the practical aspects of modern and robust statistical methods. The increased accuracy and power of modern methods, versus conventional approaches to the analysis of variance (ANOVA) and regression, is remarkable. Through a combination

of theoretical developments, improved and more flexible statistical methods, and the power of the computer, it is now possible to address problems with standard methods that seemed insurmountable only a few years ago"--

Bioethical Decision Making in Nursing, Fifth Edition Nov 22 2019 Named a 2013 Doody's Core Title! "This book provides a systematic approach to bioethical decision making, a process that can help clarify situations where right and wrong are not clearly defined. This [is] a valuable book for ethics and theory courses." Score: 100, 5 stars --Doody's  
More relevant today than ever, Husted and Husted's classic nursing ethics text provides a practical framework to help nurses engage with patients to make difficult ethical decisions. It delivers a systematic approach to bioethical decision-making that can help clarify situations where "right" and "wrong" are not clearly defined. An abundance of case studies provide practice in bioethical decision-making, with nearly 60 bioethical dilemmas analyzed in detail. The fifth edition has been reorganized and rewritten to facilitate increased readability and to engage readers more fully in learning. It includes two new chapters, Moral Distress and Bioethical Decision Making in Nursing, additional case studies, and abundant tables, diagrams and graphics that reinforce the text discussion. The book is grounded in the concept of "Symphonia" which, within the health care arena, is the study of agreements between health care professionals and patients and the ethical implications of these agreements. It is intended promote the welfare of both patient and health care provider. The new chapter on Moral Distress offers coping techniques for situations in which a nurse has an ethical issue with a standard of care but is powerless to change that care; the new chapter on Intersections Between Legal and Bioethical Decision Making in Nursing focuses on situations that can be interpreted as either moral and illegal or immoral and legal. The fifth edition also features a new section on ethical collegueship, providing support to relieve common dilemmas among health care professionals. An updated digital teacher's manual provides chapter summaries, major focus areas, a wealth of classroom activities, PowerPoint slides, resolution for cases that are unresolved in the text, and a test bank.  
New to the Fifth Edition: Reorganized and rewritten for ease of comprehension and increased reader engagement Includes new chapters on Moral Distress and Bioethical Decision Making in Nursing Provides more tables, diagrams, and graphics to clarify text discussion Delivers new case studies that are analyzed in depth Addresses ethical collegueship

Hierarchical Decision Modeling Nov 03 2020 This volume, developed in honor of Dr. Dundar F. Kocaoglu, aims to demonstrate the applications of the Hierarchical Decision Model (HDM) in different sectors and its capacity in decision analysis. It is comprised of essays from noted scholars, academics and researchers of engineering and technology management around the world. This book is organized into five parts: Technology Policy Planning, Strategic Technology Planning, Technology Assessment, Application Extensions, and Methodology Extensions. Dr. Dundar F. Kocaoglu is one of the pioneers of multiple decision models using hierarchies, and creator of the HDM in decision analysis. HDM is a mission-oriented method for evaluation and/or selection among alternatives. A wide range of alternatives can be considered, including but not limited to, different technologies, projects, markets, jobs, products, cities to live in, houses to buy, apartments to rent, and schools to attend. Dr. Kocaoglu's approach has been adopted for decision problems in many industrial sectors, including electronics

research and development, education, government planning, agriculture, energy, technology transfer, semiconductor manufacturing, and has influenced policy locally, nationally, and internationally. Moreover, his students developed advanced tools and software applications to further improve and enhance the robustness of the HDM approach. Dr. Kocaoglu has made many contributions to the field of Engineering and Technology Management. During his tenure at Portland State University, he founded the Engineering and Technology Management program, where he served as Program Director and later, Department Chair. He also started the Portland International Conference on Management of Engineering and Technology (PICMET), which organizes an annual conference in international locations such as Korea, Turkey, South Africa, Thailand, and Japan. His teaching has won awards and resulted in a strong sense of student loyalty among his students even decades later. Through his academic work and research, Dr. Kocaoglu has strongly supported researchers of engineering management and has provided tremendous service to the field. This volume recognizes and celebrates Dr. Kocaoglu's profound contributions to the field, and will serve as a resource for generations of researchers, practitioners and students.

Managerial Decision Modeling with Spreadsheets Mar 19 2022 Render provides a modern, Excel-Based, and thoroughly Canadian introduction to management science concepts and techniques. This second edition has more fully integrated Canadian content than before and continues to be a perfect balance between decision modeling and the use of spreadsheets to set up and solve modeling problems.

Integrated Uncertainty in Knowledge Modelling and Decision Making Jan 05 2021 This book constitutes the refereed proceedings of the 5th International Symposium on Integrated Uncertainty in Knowledge Modelling and Decision Making, IUKM 2016, held in Da Nang, Vietnam, in November/December 2016. The IUKM symposia aim to provide a forum for exchanges of research results and ideas, and experience of application among researchers and practitioners involved with all aspects of uncertainty modelling and management.

Software Architecture Feb 06 2021 This book constitutes the proceedings of the 7th European Conference on Software Architecture, ECSA 2013, held in Montpellier, France, in July 2013. The 25 full papers and 11 poster papers presented in this volume were carefully reviewed and selected from a total of 82 submissions. The contributions are organized in topical sections named: architectural and design patterns and models; ADLs and architectural MetaModels; architectural design decision-making; software architecture conformance and quality; and architectural repair and adaptation.

Artificial Intelligence: Theories, Models and Applications May 09 2021 Artificial intelligence (AI) is a dynamic field that is constantly expanding into new application areas, discovering new research challenges and facilitating the development of innovative products. Today's information overload and rapid technological advancement raise needs for effective management of the complexity and heterogeneity of knowledge, for intelligent and adaptable man-machine interfaces and for products and applications that can learn and take decisions by themselves. Although the mystery of human-level intelligence has just started to be uncovered in various interdisciplinary fields, AI is inspired by the respective scientific areas to explore certain theories and models that will provide the methods and techniques to design and develop human-centered applications that address the above-mentioned needs. This volume contains

papers selected for presentation at the 5th Hellenic Conference on Artificial Intelligence (SETN 2008), the official meeting of the Hellenic Society for Artificial Intelligence (EETN). Previous conferences were held at the University of Piraeus (1996), at the Aristotle University of Thessaloniki (2002), at the University of the Aegean (2004) and at the Institute of Computer Science at FORTH (Foundation for Research and Technology - Hellas) and the University of Crete (2006).

Software Reuse: Bridging with Social-Awareness Jan 25 2020 This book constitutes the refereed proceedings of the 15th International Conference on Software Reuse, ICSR 2016, held in Limassol, Cyprus, in June 2016. The 21 revised full papers presented together with 4 revised short papers were carefully reviewed and selected from 51 submissions. The papers cover different areas of software engineering, where software reuse plays an important role, such as software product lines, domain analysis and modeling, software tools and business aspects of software. ICSR 2016 has provided a complete view on the advancements in the area of software reuse in the last years for interested researchers and practitioners.

An Introduction to Management Science: Quantitative Approaches to Decision Making Jul 11 2021 Gain a strong understanding of the role of management science in the decision-making process while mastering the latest advantages of Microsoft Office Excel 365 with Camm/Cochran/Fry/Ohlmann/Anderson/Sweeney/Williams' AN INTRODUCTION TO MANAGEMENT SCIENCE: QUANTITATIVE APPROACHES TO DECISION MAKING, 16E. This market-leading edition uses a proven problem-scenario approach in a new full-color design as the authors introduce each quantitative technique within an application setting. You learn to apply the management science model to generate solutions and make recommendations for management. Updates clarify concept explanations while new vignettes and problems demonstrate concepts at work. All data sets, applications and screen visuals reflect the details of Excel 365 to prepare you to work with the latest spreadsheet tools. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Systems and Software Variability Management Dec 24 2019 The success of product line engineering techniques in the last 15 years has popularized the use of software variability as a key modeling approach for describing the commonality and variability of systems at all stages of the software lifecycle. Software product lines enable a family of products to share a common core platform, while allowing for product specific functionality being built on top of the platform. Many companies have exploited the concept of software product lines to increase the resources that focus on highly differentiating functionality and thus improve their competitiveness with higher quality and reusable products and decreasing the time-to-market condition. Many books on product line engineering either introduce specific product line techniques or include brief summaries of industrial cases. From these sources, it is difficult to gain a comprehensive understanding of the various dimensions and aspects of software variability. Here the editors address this gap by providing a comprehensive reference on the notion of variability modeling in the context of software product line engineering, presenting an overview of the techniques proposed for variability modeling and giving a detailed perspective on software variability management. Their book is organized in four main parts, which guide the reader through the various aspects and dimensions of

software variability. Part 1 which is mostly written by the editors themselves introduces the major topics related to software variability modeling, thus providing a multi-faceted view of both technological and management issues. Next, part 2 of the book comprises four separate chapters dedicated to research and commercial tools. Part 3 then continues with the most practical viewpoint of the book presenting three different industry cases on how variability is managed in real industry projects. Finally, part 4 concludes the book and encompasses six different chapters on emerging research topics in software variability like e.g. service-oriented or dynamic software product lines, or variability and aspect orientation. Each chapter briefly summarizes "What you will learn in this chapter", so both expert and novice readers can easily locate the topics dealt with. Overall, the book captures the current state of the art and best practices, and indicates important open research challenges as well as possible pitfalls. Thus it serves as a reference for researchers and practitioners in software variability management, allowing them to develop the next set of solutions, techniques and methods in this complicated and yet fascinating field of software engineering.

Managerial Decision Modeling Sep 25 2022 This book fills a void for a balanced approach to spreadsheet-based decision modeling. In addition to using spreadsheets as a tool to quickly set up and solve decision models, the authors show how and why the methods work and combine the user's power to logically model and analyze diverse decision-making scenarios with software-based solutions. The book discusses the fundamental concepts, assumptions and limitations behind each decision modeling technique, shows how each decision model works, and illustrates the real-world usefulness of each technique with many applications from both profit and nonprofit organizations. The authors provide an introduction to managerial decision modeling, linear programming models, modeling applications and sensitivity analysis, transportation, assignment and network models, integer, goal, and nonlinear programming models, project management, decision theory, queuing models, simulation modeling, forecasting models and inventory control models. The additional material files Chapter 12 Excel files for each chapter Excel modules for Windows Excel modules for Mac 4th edition errata can be found at <https://www.degruyter.com/view/product/486941>

Spreadsheet Modeling for Business Decisions Mar 07 2021 Spreadsheet Modeling for Business Decisions focuses on five fundamental topics of business decision modeling; emphasizing the effective communication of results to the appropriate business decision maker. The topics include spreadsheet modeling, data management and modeling, simulation and linear regression modeling, and decision making under uncertainty. The text strives to educate managers in the process of becoming more effective and efficient problem solvers by providing the most important and useful topics within business decision models while at the same time preparing students to apply those topics to real-world problems, to integrate the use of common software packages into their analysis and solutions, and to prepare written and verbal conclusions from that analysis.

Software Architecture Aug 12 2021 Welcome to the European Conference on Software Architecture (ECSA), which is the premier European software engineering conference. ECSA provides researchers and practitioners with a platform to present and discuss the most recent, innovative, and significant findings and experiences in the field of software

architecture research and practice. The fourth edition of ECSA was built upon a history of a successful series of European workshops on software architecture held from 2004 through 2006 and a series of European software architecture conferences from 2007 through 2009. The last ECSA was merged with the 8th Working IEEE/IFIP Conference on Software Architecture (WICSA). Apart from the traditional technical program consisting of keynote talks, a main - search track, and a poster session, the scope of the ECSA 2010 was broadened to incorporate other tracks such as an industry track, doctoral symposium track, and a tool demonstration track. In addition, we also offered several workshops and tutorials on diverse topics related to software architecture. We received more than 100 submissions in the three main categories: full research and experience papers, emerging research papers, and research challenges papers. The conference attracted papers (co-)authored by researchers, practitioners, and academics from 30 countries (Algeria, Australia, Austria, Belgium, Brazil, Canada, Chile, China, Colombia, Czech Republic, Denmark, Finland, France, Germany, Hong Kong, I- land, India, Ireland, Israel, Italy, The Netherlands, Poland, Portugal, Romania, Spain, Sweden, Switzerland, Tunisia, United Kingdom, United States).

Modeling Decisions for Artificial Intelligence Dec 16 2021 This book constitutes the refereed proceedings of the 5th International Conference on Modeling Decisions for Artificial Intelligence, MDAI 2008, held in Sabadell, Spain, in October 2008. The 19 revised full papers presented together with 2 invited lectures were thoroughly reviewed and selected from 43 submissions; they are devoted to theory and tools for modeling decisions, as well as applications that encompass decision making processes and information fusion techniques. The papers are organized in topical sections on aggregation operators, decision making, clustering and similarity, computational intelligence and optimization, as well as data privacy.

Advances in Conceptual Modeling Feb 18 2022 This book constitutes the refereed proceedings of seven workshops and a symposium, held at the 35th International Conference on Conceptual Modeling, ER 2016, in Gifu, Japan. The 19 revised full and 3 keynote papers were carefully reviewed and selected out of 52 submissions to the following events: Conceptual Modeling for Ambient Assistance and Healthy Ageing, AHA 2016; Modeling and Management of Big Data, MoBiD 2016; Modeling and Reasoning for Business Intelligence, MORE-BI 2016; Conceptual Modeling in Requirements and Business Analysis, MREBA 2016; Quality of Models and Models of Quality, QMMQ 2016; and the Symposium on Conceptual Modeling Education, SCME 2016; and Models and Modeling on Security and Privacy, WM2SP 2016.

Business Analytics: Data Analysis & Decision Making Aug 24 2022 Master data analysis, modeling, and spreadsheet use with BUSINESS ANALYTICS: DATA ANALYSIS AND DECISION MAKING, 6E! Popular with students, instructors, and practitioners, this quantitative methods text delivers the tools to succeed with its proven teach-by-example approach, user-friendly writing style, and complete Excel 2016 integration. It is also compatible with Excel 2013, 2010, and 2007. Completely rewritten, Chapter 17, Data Mining, and Chapter 18, Importing Data into Excel, include increased emphasis on the tools commonly included under the Business Analytics umbrella -- including Microsoft Excel's "Power BI" suite. In addition, up-to-date problem sets and cases provide realistic examples to show the relevance of the material. Important Notice: Media content referenced within the product description or the product text may not be

available in the ebook version.

Quantitative Modelling in Marketing and Management (second Edition) Jul 19 2019 "The field of marketing and management has undergone immense changes over the past decade. These dynamic changes are driving an increasing need for data analysis using quantitative modelling. Problem solving using the quantitative approach and other models has always been a hot topic in the fields of marketing and management. Quantitative modelling seems admirably suited to help managers in their strategic decision making on operations management issues. In social sciences, quantitative research refers to the systematic empirical investigation of social phenomena via statistical, mathematical or computational techniques. The first edition of "Quantitative Modelling in Marketing and Management" focused on the description and applications of many quantitative modelling approaches applied to marketing and management. The topics ranged from fuzzy logic and logical discriminant models to growth models and k-clique models. The second edition follows the thread of the first one by covering a myriad of techniques and applications in the areas of statistical, computer, mathematical as well as other novel nomothetic methods. It greatly reinforces the areas of computer, mathematical and other modeling tools that are designed to bring a level of awareness and knowledge among academics and researchers in marketing and management, so that there is an increase in the application of these new approaches that will be embedded in future scholarly output."--

Decision Support Systems Mar 27 2020 For MIS specialists and nonspecialists alike, a comprehensive, readable, understandable guide to the concepts and applications of decision support systems.

Design, User Experience, and Usability: Technological Contexts Oct 22 2019 The three-volume set LNCS 9746, 9747, and 9748 constitutes the proceedings of the 5th International Conference on Design, User Experience, and Usability, DUXU 2016, held as part of the 18th International Conference on Human-Computer Interaction, HCII 2016, in Toronto, Canada, in July 2016, jointly with 13 other thematically similar conferences. The total of 1287 papers presented at the HCII 2016 conferences were carefully reviewed and selected from 4354 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 157 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this three-volume set. The 41 papers included in this volume are organized in topical sections on mobile DUXU; DUXU in information design and visualization; DUXU in virtual and augmented reality; DUXU for smart objects and environments.

Loss Models Jun 17 2019 An update of one of the most trusted books on constructing and analyzing actuarial models Written by three renowned authorities in the actuarial field, Loss Models, Third Edition upholds the reputation for excellence that has made this book required reading for the Society of Actuaries (SOA) and Casualty Actuarial Society (CAS) qualification examinations. This update serves as a complete presentation of statistical methods for measuring risk and building models to measure loss in real-world events. This book maintains an approach to modeling and forecasting that utilizes tools related to risk theory, loss distributions, and survival models. Random

variables, basic distributional quantities, the recursive method, and techniques for classifying and creating distributions are also discussed. Both parametric and non-parametric estimation methods are thoroughly covered along with advice for choosing an appropriate model. Features of the Third Edition include: Extended discussion of risk management and risk measures, including Tail-Value-at-Risk (TVaR) New sections on extreme value distributions and their estimation Inclusion of homogeneous, nonhomogeneous, and mixed Poisson processes Expanded coverage of copula models and their estimation Additional treatment of methods for constructing confidence regions when there is more than one parameter The book continues to distinguish itself by providing over 400 exercises that have appeared on previous SOA and CAS examinations. Intriguing examples from the fields of insurance and business are discussed throughout, and all data sets are available on the book's FTP site, along with programs that assist with conducting loss model analysis. Loss Models, Third Edition is an essential resource for students and aspiring actuaries who are preparing to take the SOA and CAS preliminary examinations. It is also a must-have reference for professional actuaries, graduate students in the actuarial field, and anyone who works with loss and risk models in their everyday work. To explore our additional offerings in actuarial exam preparation visit [www.wiley.com/go/actuarialalexamprep](http://www.wiley.com/go/actuarialalexamprep).

Proceedings of the 5th Workshops on Enabling Technologies: Infrastructure for Collaborative Enterprises (WET ICE '96) Sep 20 2019

Rule - Based Modeling and Computing on the Semantic Web Dec 04 2020 This book constitutes the refereed proceedings of the International RuleML Symposium, RuleML 2011-America, held in Fort Lauderdale, FL, USA, in November 2011 - collocated with the 22nd International Joint Conference on Artificial Intelligence, IJCAI 2011. It is the second of two RuleML events that take place in 2011. The first RuleML Symposium, RuleML 2011-Europe, has been held in Barcelona, Spain, in July 2011. The 12 full papers, 5 short papers and 5 invited track and position papers presented together with 3 keynote speeches were carefully reviewed and selected from numerous submissions. The accepted papers address a wide range of rules, semantic technology, and cross-industry standards, rules and automated reasoning, rule-based event processing and reaction rules, vocabularies, ontologies and business rules, cloud computing and rules, clinical semantics and rules.

Interpretable Machine Learning May 21 2022 This book is about making machine learning models and their decisions interpretable. After exploring the concepts of interpretability, you will learn about simple, interpretable models such as decision trees, decision rules and linear regression. Later chapters focus on general model-agnostic methods for interpreting black box models like feature importance and accumulated local effects and explaining individual predictions with Shapley values and LIME. All interpretation methods are explained in depth and discussed critically. How do they work under the hood? What are their strengths and weaknesses? How can their outputs be interpreted? This book will enable you to select and correctly apply the interpretation method that is most suitable for your machine learning project.

Proceedings of the 5th International Conference on Decision Support System Technology – ICDSST 2019 & EURO Mini Conference 2019 Jun 22 2022

Business Analytics Apr 08 2021 Now in its fifth edition, Powell and Baker's Business Analytics: The Art of Modeling with Spreadsheets provides students and business

analysts with the technical knowledge and skill needed to develop real expertise in business modeling. In this book, the authors cover spreadsheet engineering, management science, and the modeling craft. The briefness & accessibility of this title offers opportunities to integrate other materials –such as cases -into the course. It can be used in any number of courses or departments where modeling is a key skill.

Software Architecture Jul 31 2020 This book constitutes the refereed proceedings of the 5th European Conference on Software Architecture, ECSA 2011, held in Essen, Germany, in September 2011. The 13 revised full papers presented together with 24 emerging research papers, and 7 research challenge poster papers were carefully reviewed and selected from over 100 submissions. The papers are organized in topical sections on requirements and software architectures; software architecture, components, and compositions; quality attributes and software architectures; software product line architectures; architectural models, patterns and styles; short papers; process and management of architectural decisions; software architecture run-time aspects; ADLs and metamodels; and services and software architectures.

5th International Conference on Practical Applications of Computational Biology & Bioinformatics Sep 01 2020 The growth in the Bioinformatics and Computational Biology fields over the last few years has been remarkable and the trend is to increase its pace. In fact, the need for computational techniques that can efficiently handle the huge amounts of data produced by the new experimental techniques in Biology is still increasing driven by new advances in Next Generation Sequencing, several types of the so called omics data and image acquisition, just to name a few. The analysis of the datasets that produces and its integration call for new algorithms and approaches from fields such as Databases, Statistics, Data Mining, Machine Learning, Optimization, Computer Science and Artificial Intelligence. Within this scenario of increasing data availability, Systems Biology has also been emerging as an alternative to the reductionist view that dominated biological research in the last decades. Indeed, Biology is more and more a science of information requiring tools from the computational sciences. In the last few years, we have seen the surge of a new generation of interdisciplinary scientists that have a strong background in the biological and computational sciences. In this context, the interaction of researchers from different scientific fields is, more than ever, of foremost importance boosting the research efforts in the field and contributing to the education of a new generation of Bioinformatics scientists. PACBB'11 hopes to contribute to this effort promoting this fruitful interaction. PACBB'11 technical program included 50 papers from a submission pool of 78 papers spanning many different sub-fields in Bioinformatics and Computational Biology. Therefore, the conference will certainly have promoted the interaction of scientists from diverse research groups and with a distinct background (computer scientists, mathematicians, biologists). The scientific content will certainly be challenging and will promote the improvement of the work that is being developed by each of the participants.

eWork and eBusiness in Architecture, Engineering and Construction Oct 02 2020 Biannually since 1994, the European Conference on Product and Process Modelling in the Building and Construction Industry has provided a review of research, given valuable future work outlooks, and provided a communication platform for future co-operative research and development at both European and global levels. This volume, of

special interest t

Hierarchical Decision Modeling Jul 23 2022 This volume, developed in honor of Dr. Dundar F. Kocaoglu, aims to demonstrate the applications of the Hierarchical Decision Model (HDM) in different sectors and its capacity in decision analysis. It is comprised of essays from noted scholars, academics and researchers of engineering and technology management around the world. This book is organized into five parts: Technology Policy Planning, Strategic Technology Planning, Technology Assessment, Application Extensions, and Methodology Extensions. Dr. Dundar F. Kocaoglu is one of the pioneers of multiple decision models using hierarchies, and creator of the HDM in decision analysis. HDM is a mission-oriented method for evaluation and/or selection among alternatives. A wide range of alternatives can be considered, including but not limited to, different technologies, projects, markets, jobs, products, cities to live in, houses to buy, apartments to rent, and schools to attend. Dr. Kocaoglu's approach has been adopted for decision problems in many industrial sectors, including electronics research and development, education, government planning, agriculture, energy, technology transfer, semiconductor manufacturing, and has influenced policy locally, nationally, and internationally. Moreover, his students developed advanced tools and software applications to further improve and enhance the robustness of the HDM approach. Dr. Kocaoglu has made many contributions to the field of Engineering and Technology Management. During his tenure at Portland State University, he founded the Engineering and Technology Management program, where he served as Program Director and later, Department Chair. He also started the Portland International Conference on Management of Engineering and Technology (PICMET), which organizes an annual conference in international locations such as Korea, Turkey, South Africa, Thailand, and Japan. His teaching has won awards and resulted in a strong sense of student loyalty among his students even decades later. Through his academic work and research, Dr. Kocaoglu has strongly supported researchers of engineering management and has provided tremendous service to the field. This volume recognizes and celebrates Dr. Kocaoglu's profound contributions to the field, and will serve as a resource for generations of researchers, practitioners and students.

Business Process Management Workshops Jan 17 2022 This book constitutes revised papers from the eight International Workshops held at the 16th International Conference on Business Process Management, BPM 2018, in Sydney, Australia, in September 2018: BPI 2018: 14th International Workshop on Business Process Intelligence; BPMS2 2018: 11th Workshop on Social and Human Aspects of Business Process Management;? PODS4H 2018: 1st International Workshop on Process-Oriented Data Science for Healthcare; AI4BPM 2018: 1st International Workshop on Artificial Intelligence for Business Process Management; CCBPM 2018: 1st International Workshop on Emerging Computing Paradigms and Context in Business Process Management; BP-Meet-IoT / PQ 2018: Joint Business Processes Meet the Internet-of-Things and Process Querying Workshop; DeHMiMoP 2018: 1st Declarative/Decision/Hybrid Mining and Modelling for Business Processes Workshop; REBM /EdForum 2018: Joint Requirements Engineering and Business Process Management Workshop and Education Forum The 45 full papers presented in this volume were carefully reviewed and selected from 90 submissions.

A Decision Model for Real Estate Portfolio Valuation and Optimisation Sep 13 2021 Rules and Reasoning Nov 15 2021 This book constitutes the proceedings of the

International Joint Conference on Rules and Reasoning, RuleML+RR 2021, held in Leuven, Belgium, during September, 2021. This is the 5th conference of a new series, joining the efforts of two existing conference series, namely "RuleML" (International Web Rule Symposium) and "RR" (Web Reasoning and Rule Systems). The 17 full research papers presented together with 2 short technical communications papers and 2 abstracts of invited papers were carefully reviewed and selected from 39 submissions.

An Introduction to Management Science: Quantitative Approach Aug 20 2019 Gain a sound conceptual understanding of the role that management science plays in the decision-making process with the market leader that integrates the latest developments in Microsoft Office Excel 2016. The market-leading Anderson/Sweeney/Williams/Camm/Cochran/Fry/Ohlmann's AN INTRODUCTION TO MANAGEMENT SCIENCE: QUANTITATIVE APPROACHES TO DECISION MAKING, 15E uses a proven problem-scenario approach to introduce each quantitative technique within an applications setting. All data sets, applications, and screen visuals reflect the details of Excel 2016 to effectively prepare readers to work with the latest spreadsheet tools. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Decision Analysis for Management Judgment Apr 20 2022 Decision Analysis for Management Judgment is unique in its breadth of coverage of decision analysis methods. It covers both the psychological problems that are associated with unaided managerial decision making and the decision analysis methods designed to overcome them. It is presented and explained in a clear, straightforward manner without using mathematical notation. This latest edition has been fully revised and updated and includes a number of changes to reflect the latest developments in the field.

Statistics, Data Analysis, and Decision Modeling Oct 26 2022 A pragmatic approach to statistics, data analysis and decision modeling. Statistics, Data Analysis & Decision Modeling focuses on the practical understanding of its topics, allowing readers to develop conceptual insight on fundamental techniques and theories. Evans' dedication to present material in a simple and straightforward fashion is ideal for comprehension.

Evolutionary Computing and Artificial Intelligence Jun 29 2020 This Festschrift volume is published in honor of Takao Terano on the occasion of his retirement. Takao Terano is a leading expert in the areas of agent-based modelling, knowledge systems, evolutionary computation, and service science. The contributions in this volume reflect the breadth and impact of his work. The volume contains 12 full papers related to Takao Terano's research. They deal with various aspects of artificial intelligence, multi-agent systems, collaborative and social computing, social networks, ubiquitous computing.

Symbolic and Quantitative Approaches to Reasoning with Uncertainty Feb 24 2020 The refereed proceedings of the 7th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty, ECSQARU 2003, held in Aalborg, Denmark in July 2003. The 47 revised full papers presented together with 2 invited survey articles were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on foundations of uncertainty concepts, Bayesian networks, algorithms for uncertainty inference, learning, decision graphs, belief functions, fuzzy sets, possibility theory, default reasoning, belief revision and inconsistency handling, logics, and tools.

Exploring Services Science Apr 27 2020 Service science constitutes an

interdisciplinary approach to systematic innovation in service systems, integrating managerial, social, legal and engineering aspects to address the theoretical and practical challenges of the service industry and its economy. This book contains the refereed proceedings of the 5th International Conference on Exploring Service Science (IESS), held in Geneva, Switzerland, in February 2014. The ten full papers accepted for IESS were selected from 31 submissions and presented ideas and results related to innovation, service management, service engineering and service discovery.

Integrated Uncertainty in Knowledge Modelling and Decision Making Oct 14 2021 This book constitutes the refereed proceedings of the 5th International Symposium on Integrated Uncertainty in Knowledge Modelling and Decision Making, IUKM 2016, held in Da Nang, Vietnam, in November/December 2016. The IUKM symposia aim to provide a forum for exchanges of research results and ideas, and experience of application among researchers and practitioners involved with all aspects of uncertainty modelling and management.

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