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Decision Support Systems Jun 16 2021 This proceedings volume aims to consolidate current knowledge of research into the many fields of DSS, and to identify key issues which should be incorporated into the future research agenda. The main themes of this volume include: DSS for distributed decision processes, Embedding knowledge in DSS, and DSS and organizational change.

Ein entwicklungsorientierter Bewertungsansatz für Decision Support Systems May 04 2020

Decision Support Systems Nov 21 2021 GEODATA ANALYSIS AND DISPLAY SYSTEM; GENERALIZED MANAGEMENT INFORMATION SYSTEM.

Computergestützte Gruppenarbeit Nov 29 2019

Decision Support Systems Jul 18 2021

Supporting Real Time Decision-Making Jun 24 2019 This volume of Annals of Information Systems will acknowledge the twentieth anniversary of the founding of the International Society for Decision Support Systems (ISDSS) by documenting some of the current best practices in teaching and research and envisioning the next twenty years in the decision support systems field. The volume is intended to complement existing DSS literature by offering an outlet for thoughts and

research particularly suited to the theme of describing the next twenty years in the area of decision support. Several subthemes are planned for the volume. One subtheme draws on the assessments of internationally known DSS researchers to evaluate where the field has been and what has been accomplished. A second subtheme of the volume will be describing the current best practices of DSS research and teaching efforts. A third subtheme will be an assessment by top DSS scholars on where the DSS discipline needs to focus in the future. The tone of this volume is one of enthusiasm for the potential contributions to come in the area of DSS; contributions that must incorporate an understanding of what has been accomplished in the past, build on the best practices of today, and be integrated into future decision making practices.

DECISION SUPPORT SYSTEMS May 16 2021 This compact and easy-to-read book describes in detail the basic principles of Decision Support Systems (DSS). The book also gives a comprehensive account of the various models used in decision making process, the many facets of DSS, and explains how they are implemented. Further, it discusses the significance of business reengineering, the role of client-server technology, Internet and Intranet, and analyzes the concepts of Database Management Systems (DBMS), model management and various GUIs. Designed as a textbook for the undergraduate and postgraduate students of Computer Science and Management, this book would also be of considerable assistance to the practising professional.

Machbarkeitsstudie zum Aufbau eines Decision Support Systems (DSS) Jul 26 2019

Konzeption eines OR-gestützten Decision-Support-Systems für die Finanzplanung einer multinationalen Unternehmung Dec 31 2019

Entwicklung eines Decision-Support-Systems für die Planung und Kontrolle von Distributions- und Marktstrategien in Unternehmen der Getränkeindustrie Sep 07 2020

Decision Support Systems III - Impact of Decision Support Systems for Global Environments Nov 09 2020 This book contains extended and revised versions of a set of selected papers from two workshops organized by the Euro Working Group on Decision Support Systems (EWG-DSS), which were held in Thessaloniki, Greece, and Rome, Italy, in May and July 2013. From a total of 45 submissions, 15 papers were accepted for publication in this edition after being reviewed by at least three internationally known experts from the EWG-DSS Program Committee and external invited reviewers. The selected papers are representative of current research activities in the area of operational research and decision support systems, focusing on topics such as decision-making using social networks and Web resources; spatio-temporal Web-based decision making; group support systems; technical, legal, and social aspects of decision making; knowledge management and decision support systems; business intelligence and data warehousing; and negotiation support systems.

Decision Support and Data Warehouse Systems Aug 07 2020 Decision Support and Data Warehouse Systems ties the more traditional view of decision support to the rapidly evolving topics of database management and data warehouse. As organizations move quickly into networked-based environments, the nature of decision support tools has become increasingly complex. These tools are now used collaboratively and the use of data warehousing mechanisms will be a critical success factor for the survival of many organizations. This new book provides a strong foundation for the use of models within the context of building and using decision support systems, and it will focus on multi-dimensional databases and client/server computing.

Group Decision Support Systems Jul 06 2020 Studienarbeit aus dem Jahr 1997 im Fachbereich Psychologie - Arbeit, Betrieb, Organisation und Wirtschaft, Friedrich-Schiller-Universität Jena (Psychologie), Veranstaltung: Arbeits-, Betriebs- und Organisationspsychologie, Sprache: Deutsch, Abstract: GDSS (Group Decision Support Systems) stellen eine notwendige Konsequenz aus den technischen Entwicklungen der letzten Jahre dar. Sie unterstützen dabei als computergestützte Hilfe für Gruppenentscheidungsprozesse eine Dezentralisierung größerer Arbeitsgruppen, bzw. die Einsparung von Arbeitszeit. Meetings in größeren Firmen können wesentlich effektiver gestaltet werden. Obwohl einige Theorien von 3 verschiedenen Level des GDSS ausgehen ist doch das Grundkonzept ein virtueller Meeting- Raum, ähnlich dem Chat- Raum im Internet. Dieser wird von den einzelnen Teilnehmern genutzt um Gedanken und Ideen einzubringen, Vorschläge zu diskutieren, Daten auszutauschen und Entscheidungen zu treffen. Dabei befinden sich die Teilnehmer in einem Zustand der Anonymität und haben somit den Vorteil Ideen ungeachtet der Stellung in der Firma einzubringen.

Einflussfaktoren für die Implementierung, Verbreitung und Verstetigung von Clinical Decision Support Systems Mar 14 2021

Decision Support Systems Oct 01 2022 For MIS specialists and nonspecialists alike, a comprehensive, readable, understandable guide to the concepts and applications of decision support systems.

Information Systems and Decision Support Systems Feb 22 2022 Seminar paper from the year 2016 in the subject Computer Science - Miscellaneous, , language: English, abstract: Information Systems are developed to help users to achieve their goals. If we look at the international level, the introduction of information technology and general information systems in everyday life, we will see that this admission has been made successful by-producing the expected results in countries characterized by good organization of public life other, individual systems, banking system, health system, are well organized and staffed. On the other hand, Decision Support Systems represent a combined approach of decision making from the Administration area with tools and IT techniques. A widely accepted definition describes the DSS as computer software which accepts as input data a large number of events and methods to convert comparisons, graphs and directions in some sense, that facilitate and expand the capabilities of what takes decisions.

Building Model Driven Decision Support Systems with Dicosess Oct 21 2021

Decision Support Systems and Data Warehouses Oct 09 2020 This Book Provides A Systematic Introduction To The Principles Of Decision Support Systems And Data Warehouses.It Covers The Entire Range Of Tools, From Decision Trees To Expert Systems Which Are Now Available For Managerial Decision Making Under Stress And Severe Time Constraints. The Chapters On Data Warehousing And Knowledge Retrieval Cover The Recent Trends In Developing Customer Profiles And Other Useful Information From The Data Available In Enterprises. The Last Chapter, Computer Networks, Provides The Required Information To Managers And Executives For Getting Familiar With The Delivery System Which Has Become Indispensable For Computer Based Information Systems.This Book Will Be Useful To Undergraduate Students Of Computer Science & Information Technology. Managers And Executives Will Also Find This Book A Useful Reference Source.

Decision Support and Expert Systems Feb 10 2021 Decision support systems; management support systems: an overview; decision making, systems, modeling, and support; data management; modeling and model management; user interface; constructing a decision support system; organizational DSS and advanced topics; enterprise support systems; Group decision support systems; executive information and support systems; fundamentals of artificial intelligence and expert systems; applied artificial intelligence: an overview; fundamentals of expert systems; knowledge acquisition and validation; knowledge representation; inferences, explanations, and uncertainty; building expert systems: process and tools; cutting edge decision support technologies; neural computing: the basics; neural computing applications, genetic algorithms, and fuzzy logic; integrating and implementation; integrating decision support technologies; Implementing management support systems; organizational and societal impacts of management support systems; appendix and student project.

Decision Support Systems VII. Data, Information and Knowledge Visualization in Decision Support Systems Jul 30 2022 This book constitutes the proceedings of the Third International Conference on Decision Support Systems, ICDSST 2017, held in Namur, Belgium, in May 2017. The EWG-DSS series of the International Conference on Decision Support System Technology (ICDSST) offers a platform for European and international DSS communities, comprising the academic and industrial sectors, in order to present state-of-the-art DSS research and developments, to discuss current challenges that surround decision-making processes, to exchange ideas about realistic and innovative solutions, and to co-develop potential business opportunities. The main topic of this year's conference was "Data, Information and Knowledge Visualization in Decision Making". The 13 papers presented in this volume were carefully reviewed and selected from 53 submissions. They were organized in topical sections named: visualization case studies; visualization perspectives; analytics and decision; and Multi-Criteria Decision Making.

Aspiration Based Decision Support Systems Jan 24 2022 The book contains contributions in the field of aspiration-led Decision Support Systems (DSS). It consists of 3 parts. Part 1 is composed of 15 theoretical papers. It starts with general papers explaining the methodological approach and the theoretical backgrounds of the methodology presented in the book. The other papers are devoted to aspects of linear programming in the context of DSS and of nonlinear model generation and manipulation for DSS and design of decision support systems for nonlinear problems. Part 2 contains six papers related to experiences in

developing and using Decision Support Systems for programming development of a selected branch of chemical industry. Part 3 of the book contains short descriptions of the Decision Support Software. The software products comprise four prototype DSS for supporting various classes of decision problems, three multiple objective mathematical programming packages which can be used as components for building dedicated DSS, and an experimental version of a DSS for supporting bargaining and negotiations.

The State-of-the-art in Decision Support Systems Mar 26 2022

Entwicklung eines Decision-Support-Systems für die Sortiments- und Distributionsplanung in Grosshandelsunternehmen Oct 28 2019 Das logistische Sortiments- und Distributionsmanagement hat in mittelfristigen Planungsrhythmen operationale Distributionsstrategien für eine Vielzahl heterogener Artikel zu formulieren und umzusetzen. Instrumentelle Unterstützung finden betriebliche Entscheidungsträger bei dieser Aufgabe durch den Einsatz flexibler Decision Support Systeme (DSS). Die Verknüpfung quantitativer Modelle, Methoden und Konzepte der Betriebswirtschaftslehre, der Managementwissenschaften und der Wirtschaftsinformatik zu Decision Support Systemen erleichtert in diesem Zusammenhang die Lösung schlecht- und teilstrukturierter Probleme der Sortiments- und Distributionsplanung. Komplexe Einzel- und Globalmodelle scheiden hierbei aus, da sie vom Management i.d.R. nicht akzeptiert und angewendet werden. Erst im Mensch-Maschine-Dialog entfaltet sich durch den Einsatz wissenschaftlich fundierter Modelle und pragmatischer Methoden die volle Leistungsfähigkeit des Computersystems bei der innovativen Strategieentwicklung und strukturierten Systemanalyse. Der Beitrag der Arbeit liegt in der Konzipierung und prototypischen Entwicklung eines operationalen Decision Support Systems für die logistische Sortiments- und Distributionsplanung."

Decision Support Systems – Collaborative Models and Approaches in Real Environments Dec 23 2021 This book contains extended and revised versions of a set of selected papers from two workshops organized by the Euro Working Group on Decision Support Systems (EWG-DSS), which were held in London and Paris, in June and November 2011, respectively. The workshop themes were "Decision Support Systems" and "Collaborative Decision Making." The 11 papers were selected from 52 submissions and are representative of the current research in these fields. They address challenges such as conceptual models, software specification and simulation, collaborative requirements specification, as well as multi-objective and multi-criteria decision making.

Building Effective Decision Support Systems Apr 14 2021 Describes how Decision Support Systems (DSS) computer-based systems, and described the steps and components necessary to develop effective DSS.

Decision Support Systems: Theory and Application May 28 2022 Researchers and practitioners interested in the current Decision Support System (DSS) and the shape of future DSS are the intended audience of this book. There is a particular, recurring emphasis on the adaptation of artificial intelligence techniques for use in the DSS world. The chapters are organized in two major sections, the first dealing with theoretical topics and the second with applications.

Decision Support Systems in Finance and Accounting Apr 02 2020 "This volume provides a broad-based approach to decision support systems (DSS) and their applications to finance and accounting. The authors discuss the systems approach as an alternative to the traditional decision model approach. Heymann and Bloom examine the changing roles and functions of finance and accounting within organizational management and business control systems. They then describe the role of DSS in the management of today's firm and how to use it with computerized systems." Business Library Newsletter

Decision Support Systems and Intelligent Systems Nov 02 2022 Appropriate for all courses in Decision Support Systems (DSS), computerized decision making tools, and management support systems. Today's networked computer systems enable executives to use information in radically new ways, to make dramatically more effective decisions -- and make those decisions more rapidly. *Decision Support Systems and Intelligent Systems, Seventh Edition* is a comprehensive, up-to-date guide to today's revolutionary management support system technologies, and how they can be used for better decision making. In this thoroughly revised edition, the authors go far beyond traditional "decision support systems," focusing far more coverage on Web-enabled tools, performance analysis, knowledge management, and other recent innovations. The authors introduce each significant new technology, show how it works, and offer practical guidance on integrating it into real-world organizations. Examples, products, services, and exercises are presented throughout, and the text has been revised for improved clarity and readability. New and enhanced coverage includes: state-of-the-art data mining, OLAP, expert system, and neural network software; revamped

coverage of knowledge management; and a far greater emphasis on the use of Web technologies throughout. Also covered in detail: data warehousing, including access, analysis, visualization, modeling, and support. This edition also contains DSS In Action boxes presenting real business scenarios for the use of advanced management support technology. Decision Support Systems and Intelligent Systems, Seventh Edition is supported by a Web site containing additional readings, relevant links, and other supplements.

Entwicklung eines "Spatial decision support"-Systems (SDSS) für die Holzernteplanung in steilen Geländeverhältnissen Mar 02 2020

Decision Support Systems XI: Decision Support Systems, Analytics and Technologies in Response to Global Crisis Management Aug 19 2021 This book constitutes the proceedings of the 7th International Conference on Decision Support Systems Technologies, ICDSST 2021, held during May 26-28, 2021. The conference was planned to take place in Loughborough, UK, and changed to an online format due to the COVID-19 pandemic. The EWG-DSS series of International Conference on Decision Support System Technology (ICDSST) is planned to consolidate the tradition of annual events organized by the EWG-DSS in offering a platform for European and international DSS communities, comprising the academic and industrial sectors, to present state-of-the-art DSS research and developments, to discuss current challenges that surround decision-making processes, to exchange ideas about realistic and innovative solutions, and to co-develop potential business opportunities. The main aim of this year's conference is to investigate the role DSS and related technologies can play in mitigating the impact of pandemics and post-crisis recovery. The 10 papers presented in this volume were carefully reviewed and selected from 44 submissions. They were organized in two topical sections named: multiple criteria approaches and advances in decision support systems' technologies and methods.

Die Elementarstruktur eines Decision-Support-Systems Jun 04 2020

Decision Support Systems for Sustainable Development Sep 19 2021 In recent years, much work has been done in formulating and clarifying the concept of sustainable development and related theoretical and research issues. Now, the challenge has shifted to designing and stimulating processes of effective planning and decision-making, at all levels of human activity, in such a way as to achieve local and global sustainable development. Information technology can help a great deal in achieving sustainable development by providing well-designed and useful tools for decision makers. One such tool is the decision support system, or DSS. This book explores the area of DSS in the context of sustainable development. As DSS is a very new technique, especially in the developing world, this book will serve as a reference text, primarily for managers, government officials, and information professionals in developing countries. It covers the concept of sustainable development, defines DSS and how it can be used in the planning and management of sustainable development, and examines the state of the art in DSS use. Other interested readers will include students, teachers, and analysts in information sciences; DSS designers, developers, and implementors; and international development agencies.

Building Decision Support Systems Dec 11 2020 This book introduces readers to the principles of intelligent decision support systems (IDSS) and how to build them with MiniZinc, a free, open-source constraint programming language. Managing an IDSS project requires an understanding of the system's design and behaviour. The book enables readers to appreciate what "combinatorial" optimisation problems are, and how modelling a problem provides the basis for solving it. It also presents the main algorithms for tackling decision support problems, discusses their strengths and weaknesses, and explores ways of achieving the necessary scalability when problems become big. Moreover, to support the learning process it allows readers to try out the ideas described in the text on model applications and puzzles. The book highlights the potential benefits of deploying an IDSS. It enables users to recognise the key risks involved and identify which techniques can be applied to minimise them, and to understand the decision support technology sufficiently in order to manage or monitor an IDSS project. It also helps readers distinguish between good sense and mere jargon when dealing with anyone involved in an IDSS project, from sales personnel to software implementers. As such it especially appeals to graduate students and advanced professionals who need to learn how to build an IDSS and to tackle the problems on the way.

Clinical Decision Support Systems Aug 31 2022 This is a resource book on clinical decision support systems for informatics specialists, a textbook for teachers or students in health informatics and a comprehensive introduction for clinicians. It has become obvious that, in addition to physicians, other health

professionals have need of decision support. Therefore, the issues raised in this book apply to a broad range of clinicians. The book includes chapters written by internationally recognized experts on the design, evaluation and application of these systems, who examine the impact of computer-based diagnostic tools both from the practitioner's perspective and that of the patient.

Management Information and Decision Support Systems in Libraries Sep 27 2019

Building Decision Support Systems Jan 12 2021

Entwicklung eines Decision-Support-Systems zur Generierung einer zuverlässigen, lokalmaßstäblichen Gefahrenbeurteilung potenzieller Hangmurbereiche Aug 26 2019

Decision Support Systems Apr 26 2022 An in-depth examination of the tools and techniques needed to design and implement a decision support system (DSS) in an organization. The work covers modeling and simulation, and explains how a DSS can help managers make their decisions and indicates how the DSS fits in the overall management information system in an organization. It features case studies of decision support systems and a discussion of future trends in DSS.

Universitäre Prüfungsplanung Jan 30 2020 Der Autor führt empirisch fundierte Modelle und Methoden sowie ein Decision-Support-System zur Automatisierung der universitären Prüfungsplanung ein und berücksichtigt dabei konsequent die Anforderungen der Hochschulpraxis.

Decision Support Systems for Business Intelligence Jun 28 2022 Praise for the First Edition "This is the most usable decision support systems text. [i]t is far better than any other text in the field" —ComputingReviews Computer-based systems known as decision support systems (DSS) play a vital role in helping professionals across various fields of practice understand what information is needed, when it is needed, and in what form in order to make smart and valuable business decisions. Providing a unique combination of theory, applications, and technology, *Decision Support Systems for Business Intelligence, Second Edition* supplies readers with the hands-on approach that is needed to understand the implications of theory to DSS design as well as the skills needed to construct a DSS. This new edition reflects numerous advances in the field as well as the latest related technological developments. By addressing all topics on three levels—general theory, implications for DSS design, and code development—the author presents an integrated analysis of what every DSS designer needs to know. This Second Edition features: Expanded coverage of data mining with new examples Newly added discussion of business intelligence and transnational corporations Discussion of the increased capabilities of databases and the significant growth of user interfaces and models Emphasis on analytics to encourage DSS builders to utilize sufficient modeling support in their systems A thoroughly updated section on data warehousing including architecture, data adjustment, and data scrubbing Explanations and implications of DSS differences across cultures and the challenges associated with transnational systems Each chapter discusses various aspects of DSS that exist in real-world applications, and one main example of a DSS to facilitate car purchases is used throughout the entire book. Screenshots from JavaScript® and Adobe® ColdFusion are presented to demonstrate the use of popular software packages that carry out the discussed techniques, and a related Web site houses all of the book's figures along with demo versions of decision support packages, additional examples, and links to developments in the field. *Decision Support Systems for Business Intelligence, Second Edition* is an excellent book for courses on information systems, decision support systems, and data mining at the advanced undergraduate and graduate levels. It also serves as a practical reference for professionals working in the fields of business, statistics, engineering, and computer technology.