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9th International Symposium, DataMod 2020, Virtual Event, October 20, 2020, Revised Selected Papers
Anisotropic Behaviour of Damaged Materials
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Support for the conceptual design stage of effective and resource-efficient offerings
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Research and Practice in Assessing Second Language Reading
Christian Social Principles in the Modern Organization
Sustainable Design and Manufacturing 2019
International IFIP TC 5, WG 5.7 Conference on Advances in Production Management Systems (APMS 2007), September 17-19, Linköping, Sweden
The Economics of Tourism Destinations
Finding Alphas
IFIP WG 5.7 International Conference, APMS 2017, Hamburg, Germany, September 3-7, 2017, Proceedings, Part II
1995 IEEE International Conference on Evolutionary Computation, the University of Western Australia, Perth, Western Australia, 29 November-1 December, 1995
Bruno Bozzetto's Animated Music
Summary of International Travel to the United States
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STARK CHANCE

Information Technology for Strategic Tourism Management Springer Nature

The Handbook, now in its 15th edition, is the only official guide to universities throughout the world. The information is truly authoritative, based on data collected by the International Association of Universities from official information supplied by national education bodies and the institutions themselves. It is the most comprehensive reference of its kind, available with information and statistics on courses of study, fees, personnel, and so on from over 6,000 universities in over 170 countries. Listings include: -- Full address details, including e-mail and World Wide Web addresses -- Names of key personnel -- administrative and academic -- General description and history -- Special facilities -- Information on fees -- Admission requirements -- Degrees and diplomas offered -- Academic year dates -- Language instruction -- Links with other universities -- Description of academic divisions with number of staff and students per faculty.

Advances in Production Management Systems OECD Publishing

This innovative textbook covers the most important managerial challenges facing family businesses. It is research-based and includes theory and practice along with concepts, cases and reflection questions to illustrate the key topics.

Optimization of Logistics Emerald Group Publishing

A Perspective on Two Decades of Rapid Modeling It is an honor for me to be asked to write a foreword to the Proceedings of the 1st Rapid Modeling Conference. In 1987, when I coined the term "Rapid Modeling" to denote queuing modeling of manufacturing systems, I never imagined that two decades later there would be an international conference devoted to this topic! I am delighted to see that there will be around 40 presentations at the conference by leading researchers from around the world, and about half of these presentations are represented by written papers published in this book. I congratulate the conference organizers and program committee on the success of their efforts to hold the first ever conference on Rapid Modeling. Attendees at this conference might find it interesting to learn about the history of the term Rapid Modeling in the context it is used here. During the fall of 1986 I was invited to a meeting at the Headquarters of the Society of Manufacturing Engineers (SME) in Dearborn, Michigan. By that time I had successfully demonstrated several industry applications of queuing network models at leading manufacturers in the USA. Although in principle the use of queuing networks to model manufacturing systems was well known in the OR/MS community and many papers had been published, the actual use of such models by manufacturing professionals was almost nonexistent.

Rethinking Teacher Education for the 21st Century John Wiley & Sons

This book brings together some of the latest thinking by leading experts from around the world on integrating systems and strategies in production management and related issues that are relevant for making production into a competitive resource for the firm. This book is composed of five parts,

each focused on a specific theme: Linking systems and strategies; Strategic operations management; IS/IT applications in the value chain; Modelling and simulation; Improving operations.

Using Research to Inspire Practice Springer Science & Business Media

First published in 1959 by the International Association of Universities (IAU), the International Handbook of Universities provides detailed information on Education Systems and higher education institutions that offer at least a four-year degree or a four-year professional diploma. For Education Systems: Description of the higher education system of each country Stages of studies as well as information on distance education Admission criteria, including information for foreign students Quality assurance and recognition systems Contact details for national bodies For Institutions: Contact details: name, address, telephone, fax, website Historical background, special facilities and publications Degrees and diplomas offered at each level of study Key personnel, including principal academic and administrative officers Description of facilities, schools and departments Valuable information on academic year, admission requirements, academic staff and student numbers

Leveraging Economic, Political, and Cultural Dimensions Springer Nature

Human activities in the form of production and consumption have increased to an all-time high. In many cases, this increase has resulted in environmental problems such as waste and pollution that, in turn, affect our health and way of living. Societies have proposed different measures to address such environmental problems. These range from different waste treatment technologies to alternative business models, policy measures, and lifecycle thinking in the design of products, to mention but a few. In this research, the focus is on supporting early design activities of what is often called the conceptual design stage with the objective to provide effective and resource-efficient offerings. The early design activities considered here are planning, analysis, and evaluation. Design researchers have largely supported these three activities with a variety of methods and tools. However, previous research has shown that design support coming from academia has had a low uptake in industry. In this regard, the aim of this research is to propose not only useful but also usable support for design practitioners during the conceptual design stage. This research is carried out in the manufacturing sector in Sweden, where selected companies expressed an interest in collaborating with academia to address more thoroughly effective and resource-efficient offerings. To better match company needs and research from academia, this research took a pragmatic and cross-disciplinary approach. This research approach, along with literature reviews, semi-structured interviews, workshops, and questionnaires, shows different ways in which support can be made more useful and usable. The main gap addressed here is that the knowledge and the related skills of the user of the support have not been sufficiently explored. The results include requirements of the user of the support, proposed methods and tools derived from the requirements identified, and, most importantly, the knowledge and skills needed by the user of the support. The main message of this research is that support could be expanded from methods and tools to include knowledge and skills needed by design practitioners, the users of support. The flow of support from academia to industry could also be reinforced in a two-way flow through a pragmatic and cross-disciplinary

approach to first and foremost address design practitioners' needs. Mänskliga aktiviteter i form av produktion och konsumtion har aldrig varit högre. Denna ökning över tid har i många fall lett till miljöproblem som avfall och föroreningar, vilka i sin tur påverkar vår hälsa och levnadssätt. För att möta dessa miljöproblem har olika åtgärder föreslagits, som tekniker för avfallshantering, alternativa affärsmodeller, policy och livscykeldesign, för att nämna några. Fokus i forskningen som presenteras i denna avhandling är på tidiga designaktiviteter, vilka ofta kallas det konceptuella designstadiet och som syftar till att ta fram resurseffektiva erbjudanden. Detta steg behandlas här genom att närmare undersöka designaktiviteterna planering, analys och utvärdering. Designforskare har till stor del stöttat dessa tre aktiviteter med en mängd olika metoder och verktyg. Emellertid visar tidigare forskning att designstöd från akademien har ett lågt upptag i industrin. Syftet med denna forskning är därför att föreslå ett användbart stöd som också är användarvänlig för utövare under det konceptuella designstadiet. För att uppnå detta genomförs forskningen inom tillverkningssektorn i Sverige där deltagande företag uttryckt ett intresse av att samarbeta med akademien avseende resurseffektiva erbjudanden. För att bättre matcha företagets behov med forskning från akademien antas en pragmatisk och tvärvetenskaplig strategi. Denna strategi, tillsammans med litteraturöversikter, semistrukturerade intervjuer, workshops och enkäter visar hur stödet i det konceptuella designstadiet kan bli mer användbart och användarvänlig. Den huvudsakliga forskningsluckan som tas upp här är att kunskap och relaterade färdigheter hos användaren av stödet inte har undersökts tillräckligt. Resultatet ger en beskrivning av kraven på de stöd som användaren behöver, föreslag på metoder och verktyg som baseras på de identifierade kraven och, viktigast av allt, den kunskap och de färdigheter som användaren av stödet behöver ha. Huvudbudskapet är att stöd kan utvidgas från att omfatta metoder och verktyg till att även inkludera behovet av kunskap och färdigheter hos designutövare, det vill säga användarna av supporten. Stödet från den akademiska världen till industrin kan också förstärkas genom att bli ett tvåvägsflöde som med en pragmatisk och tvärvetenskaplig strategi först och främst adresserar användarens behov.

Space Robotics: Dynamics and Control John Wiley & Sons

This book offers a case-study approach to stakeholder theory that moves beyond theoretical analysis to the applied. As stakeholder theory has moved into the mainstream of management thinking in business ethics and a number of the management disciplines, there is an increasing need to explore the subtleties of stakeholder engagement via examples from practice. The case studies in this volume explore a number of aspects of the idea of stakeholder engagement, via the method of clinical case studies. Edited by leading scholars in the field of business ethics and stakeholder theory, this text affords a solid grounding in theory, brought to new levels of applied understanding of stakeholder engagement.

Advances in Production Management Systems. The Path to Intelligent, Collaborative and Sustainable Manufacturing Springer Science & Business Media

This book constitutes the proceedings of the Second International Conference on Abstract State Machines, B and Z, which took place in Orford, QC, Canada, in February 2010. The 26 full papers presented were carefully reviewed and selected from 60 submissions. The book also contains two invited talks and abstracts of 18 short papers which address work in progress, industrial experience

reports and tool descriptions. The papers cover recent advances in four equally rigorous methods for software and hardware development: abstract state machines (ASM), Alloy, B and Z. They share a common conceptual framework, centered around the notions of state and operation, and promote mathematical precision in the modeling, verification and construction of highly dependable systems.

Examining Reading Springer

The scope of this book is based on the keynote lectures delivered during the International Symposium on Anisotropic Behaviour of Damaged Materials ABDM, held in Krakow-Przegorzaizy, Poland, September 9-11, 2002. The Symposium was organized by the Solid Mechanics Division of the Institute of Mechanics and Machine Design - Cracow University of Technology, under auspices of the Dean of the Faculty of Mechanical Engineering, Cracow University of Technology, Prof. S. Michalowski. The Co-organizers of the ABDM Symposium were: • Martin-Luther-Universität Halle-Wittenberg, • Centre of Excellence for Advanced Materials and Structures AMAS at the Institute of Fundamental Technological Research of the Polish Academy of Sciences, Warsaw, • Committee of Mechanics of the Polish Academy of Sciences, Warsaw. Ten chapters of this book in their present form essentially exceed lectures delivered at the Symposium. They should rather be read as not only author's recent achievements in the field, but also the state of art and synthesis done by the leaders in the mechanics community. The mixed formula of the Symposium, namely: the invited lectures and presentations of the original papers by the participants was used. 23 original papers, published in the Symposium Proceedings on CD, exhaust the full scope of the ABDM Symposium. The present book provides a survey of various damage models focusing on the damage response in anisotropic materials as well as damage-induced anisotropy.

Global Imbalances-poverty Alleviation Cambridge University Press

Design more successful trading systems with this practical guide to identifying alphas Finding Alphas seeks to teach you how to do one thing and do it well: design alphas. Written by experienced practitioners from WorldQuant, including its founder and CEO Igor Tulchinsky, this book provides detailed insight into the alchemic art of generating trading signals, and gives you access to the tools you need to practice and explore. Equally applicable across regions, this practical guide provides you with methods for uncovering the hidden signals in your data. A collection of essays provides diverse viewpoints to show the similarities, as well as unique approaches, to alpha design, covering a wide variety of topics, ranging from abstract theory to concrete technical aspects. You'll learn the dos and don'ts of information research, fundamental analysis, statistical arbitrage, alpha diversity, and more, and then delve into more advanced areas and more complex designs. The companion website, <http://www.worldquantchallenge.com/> features alpha examples with formulas and explanations. Further, this book also provides practical guidance for using WorldQuant's online simulation tool WebSim® to get hands-on practice in alpha design. Alpha is an algorithm which trades financial securities. This book shows you the ins and outs of alpha design, with key insight from experienced practitioners. Learn the seven habits of highly effective quants Understand the key technical aspects of alpha design Use WebSim® to experiment and create more successful alphas Finding Alphas is the detailed, informative guide you need to start designing robust, successful alphas.

From Data to Models and Back Springer

Simulation, Modeling, and Programming for Autonomous Robots 4th International Conference, SIMPAR 2014, Bergamo, Italy, October 20-23, 2014. Proceedings Springer

Trajectories of the World Carmakers in the 21st Century Catholic Social Tradition

This book focuses on current trends, potential challenges and further developments of teacher education and professional development from a theoretical, empirical and practical point of view. It intends to provide valuable and fresh insights from research studies and examples of best practices from Europe and all over the world. The authors deal with the strengths and limitations of different models, strategies, approaches and policies related to teacher education and professional development in and for changing times (digitization, multiculturalism, pressure to perform).

A pragmatic and cross-disciplinary approach Palgrave Macmillan

This book aims to help engineers, Masters students and young researchers to understand and gain a general knowledge of logistic systems optimization problems and techniques, such as system design, layout, stock management, quality management, lot-sizing or scheduling. It summarizes the evaluation and optimization methods used to solve the most frequent problems. In particular, the authors also emphasize some recent and interesting scientific developments, as well as presenting some industrial applications and some solved instances from real-life cases. Performance evaluation tools (Petri nets, the Markov process, discrete event simulation, etc.) and optimization techniques (branch-and-bound, dynamic programming, genetic algorithms, ant colony optimization, etc.) are presented first. Then, new optimization methods are presented to solve systems design problems, layout problems and buffer-sizing optimization. Forecasting methods, inventory optimization, packing problems, lot-sizing quality management and scheduling are presented with examples in the final chapters.

Stakeholder Engagement: Clinical Research Cases Springer

This volume consists of 52 peer-reviewed papers, presented at the International Conference on Sustainable Design and Manufacturing (SDM-19) held in Budapest, Hungary in July 2019. Leading-edge research into sustainable design and manufacturing aims to enable the manufacturing industry to grow by adopting more advanced technologies, and at the same time improve its sustainability by reducing its environmental impact. The topic includes the sustainable design of products and services; the sustainable manufacturing of all products; energy efficiency in manufacturing; innovation for eco-design; circular economy; industry 4.0; industrial metabolism; automotive and transportation systems. Application areas are wide and varied. The book will provide an excellent overview of the latest developments in the Sustainable Design and Manufacturing Area.

Trends, Challenges and New Directions Pearson Education

The two-volume set IFIP AICT 513 and 514 constitutes the refereed proceedings of the International IFIP WG 5.7 Conference on Advances in Production Management Systems, APMS 2017, held in Hamburg, Germany, in September 2017. The 121 revised full papers presented were carefully reviewed and selected from 163 submissions. They are organized in the following topical sections: smart manufacturing system characterization; product and asset life cycle management in smart factories of industry 4.0; cyber-physical (IIoT) technology deployments in smart manufacturing systems; multi-disciplinary collaboration in the development of smart product-service solutions; sustainable human integration in cyber-physical systems: the operator 4.0; intelligent diagnostics

and maintenance solutions; operations planning, scheduling and control; supply chain design; production management in food supply chains; factory planning; industrial and other services; operations management in engineer-to-order manufacturing; gamification of complex systems design development; lean and green manufacturing; and eco-efficiency in manufacturing operations.

Abstract State Machines, Alloy, B and Z Springer Science & Business Media

The second edition of this handbook provides a state-of-the-art overview on the various aspects in the rapidly developing field of robotics. Reaching for the human frontier, robotics is vigorously engaged in the growing challenges of new emerging domains. Interacting, exploring, and working with humans, the new generation of robots will increasingly touch people and their lives. The credible prospect of practical robots among humans is the result of the scientific endeavour of a half a century of robotic developments that established robotics as a modern scientific discipline. The ongoing vibrant expansion and strong growth of the field during the last decade has fueled this second edition of the Springer Handbook of Robotics. The first edition of the handbook soon became a landmark in robotics publishing and won the American Association of Publishers PROSE Award for Excellence in Physical Sciences & Mathematics as well as the organization's Award for Engineering & Technology. The second edition of the handbook, edited by two internationally renowned scientists with the support of an outstanding team of seven part editors and more than 200 authors, continues to be an authoritative reference for robotics researchers, newcomers to the field, and scholars from related disciplines. The contents have been restructured to achieve four main objectives: the enlargement of foundational topics for robotics, the enlightenment of design of various types of robotic systems, the extension of the treatment on robots moving in the environment, and the enrichment of advanced robotics applications. Further to an extensive update, fifteen new chapters have been introduced on emerging topics, and a new generation of authors have joined the handbook's team. A novel addition to the second edition is a comprehensive collection of multimedia references to more than 700 videos, which bring valuable insight into the contents. The videos can be viewed directly augmented into the text with a smartphone or tablet using a unique and specially designed app. Springer Handbook of Robotics Multimedia Extension Portal:

<http://handbookofrobotics.org/>

Accountability and Social Accounting for Social and Non-profit Organizations Grove's Dictionaries

The main goal of this book is to provide a state of the art of hybrid metaheuristics. The book provides a complete background that enables readers to design and implement hybrid metaheuristics to solve complex optimization problems (continuous/discrete, mono-objective/multi-objective, optimization under uncertainty) in a diverse range of application domains. Readers learn to solve large scale problems quickly and efficiently combining metaheuristics with complementary metaheuristics, mathematical programming, constraint programming and machine learning. Numerous real-world examples of problems and solutions demonstrate how hybrid metaheuristics are applied in such fields as networks, logistics and transportation, bio-medical, engineering design, scheduling.

Hybrid Metaheuristics International Progress Organization

This book consists of peer-reviewed papers, presented at the International Conference on

Sustainable Design and Manufacturing (SDM 2021). Leading-edge research into sustainable design and manufacturing aims to enable the manufacturing industry to grow by adopting more advanced technologies and at the same time improve its sustainability by reducing its environmental impact. Relevant themes and topics include sustainable design, innovation and services; sustainable manufacturing processes and technology; sustainable manufacturing systems and enterprises; and decision support for sustainability. Application areas are wide and varied. The book will provide an excellent overview of the latest developments in the sustainable design and manufacturing area.

Integrated Requirements Modeling Springer

This book brings together the lessons of research on both the nature of learning and different educational applications, and it summarises these as seven key concluding principles.

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- Mrs Davis Parents Guide : [click here](#)

Managing as If Faith Mattered Springer

"A film that will let you see the music and listen to drawings; in a word, a film full of Fantasia!" Bruno Bozzetto's *Allegro non Troppo* tips its hand right away: it is an unabashed, yet full of admiration, retake on Walt Disney's 1940 'concert feature'. The obvious nod to that model fuels many tongue-in-cheek jokes in the film; however, *Allegro non Troppo* soon departs from mere parody, and becomes a showcase for the multifaceted aesthetics of Italian animation in 1976, as well as a witty social satire and a powerful rethinking of the music-image relationship in cinema. Marco Bellano reconstructs the history of the production of *Allegro non Troppo*, on the basis of an original research developed with the contribution of Bozzetto himself; it also presents an audiovisual analysis of the work, as to reassess the international relevance of Bozzetto's achievements by giving insight into the director's"--