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Technical Design Solutions for Theatre Practical Design Solutions and Strategies Environmentally-Benign Energy Solutions Design & Analysis of Clinical Trials for Economic Evaluation & Reimbursement New Solutions for Challenges in Applications of New Materials and Geotechnical Issues Practical Applications and Solutions Using LabVIEW™ Software Proceedings of the 7th International Conference on Axiomatic Design Legal Informatics Uncertainty and Imprecision in Decision Making and Decision Support: New Challenges, Solutions and Perspectives Advances in Manufacturing Technology XV Smart Legal Contracts Legal Design Modernizing Legal Education Strategy, Leadership, and AI in the Cyber Ecosystem Mapping Legal Innovation Digitalia Blast Furnace and Steel Plant Annual Report - Office of Water Resources Research Annual Report Pursuant to Water Resources Act of 1964 How Great Thinkers Transformed Our Ideas Iron and Steel Engineer Measurements of Plutonium Nitrate Shipping Solutions Ecological Urbanism: The Nature of the City Annual Report Annual Report Report TEACHING ENGLISH IN GLOBAL CONTEXTS: Language, Learners and Learning Official Gazette of the United States Patent and Trademark Office New Developments for Embracing Genomic Selection in Breeding Applications The Literature of Agricultural Engineering NBS Special Publication Liquid Legal Computational Finite Element Methods in Nanotechnology Multiscale Forecasting Models Vaccine Adjuvants Solutions! Proceedings of the 2nd International Conference on Building Innovations Fibre2Fashion - Textile Magazine - December 2017 Architecture & Sustainable Development (vol.2) Statistical Analysis of Cost-Effectiveness Data

Technical Design Solutions for Theatre

2013

technical design solutions for the theatre is the most comprehensive source of problem solving ideas for theatre technicians this volume is composed of single focus articles on technical production solutions previously published in the technical brief a journal by the prestigious yale school of drama

Practical Design Solutions and Strategies

2000

the sixth in a series of essential resources for today s woodcrafters this latest volume includes over 20 chapters covering every aspect of furniture making from designing new projects to building each piece to last more than a lifetime along with specific options for tables cabinets and chairs

Environmentally-Benign Energy Solutions

2019-11-14

this book provides high quality research results and proposes future priorities for more sustainable development and energy security it covers a broad range of topics on atmospheric changes climate change impacts climate change modeling and simulations energy and environment policies energy resources and conversion technologies renewables emission reduction and abatement waste management ecosystems and biodiversity and sustainable development gathering selected papers from the 7th global conference on global warming gcgw2018 held in izmir turkey on june 24 28 2018 it offers comprehensive coverage of the development of systems taking into account climate change renewables waste management chemical aspects energy and environmental issues along with recent developments and cutting edge information highlights recent advances in the area of energy and environment and the debate on and shaping of future directions and priorities for a better environment sustainable development and energy security provides a number of practical applications and case studies is written in an easy to follow style moving from the basics to advanced systems given its scope the book offers a valuable resource for readers in academia and industry alike and can be used at the graduate level or as a reference text for professors researchers and engineers

Design & Analysis of Clinical Trials for Economic Evaluation & Reimbursement

2015-11-11

economic evaluation has become an essential component of clinical trial design to show that new treatments and technologies offer value to payers in various healthcare systems although many books exist that address the theoretical or practical aspects of cost effectiveness analysis this book differentiates itself from the competition by detailing

New Solutions for Challenges in Applications of New Materials and Geotechnical Issues

2018-07-11

this book include research studies which deal with the attempts to address new solutions for challenges in geotechnical engineering such as characterization of new materials application of glass fibre geotextile fabric and permeable concrete new numerical methods for traditional problems and some other geotechnical issues that are becoming quite relevant in today s world the book adds to the geotechnical engineering field which still bears lots of big challenges it contributes to make the civil infrastructures more sustainable using new technologies and materials that have been proposed and applied in various fields papers were selected from the 5th geochina international conference 2018 civil infrastructures confronting severe weathers and climate changes from failure to sustainability held on july 23 to 25 2018 in hangzhou china

Practical Applications and Solutions Using LabVIEW™ Software

2011-08-01

the book consists of 21 chapters which present interesting applications implemented using the labview environment belonging to several distinct fields such as engineering fault diagnosis medicine remote access laboratory internet communications chemistry physics etc the virtual instruments designed and implemented in labview provide the advantages of being more intuitive of reducing the implementation time and of being portable the audience for this book includes phd students researchers engineers and professionals who are interested in finding out new tools

developed using labview some chapters present interesting ideas and very detailed solutions which offer the immediate possibility of making fast innovations and of generating better products for the market the effort made by all the scientists who contributed to editing this book was significant and as a result new and viable applications were presented

Proceedings of the 7th International Conference on Axiomatic Design

2013-06-26

this cutting edge volume offers a theoretical and applied introduction to the emerging legal technology and informatics industry

Legal Informatics

2021-02-18

this book gathers selected papers from two important conferences held on october 24 28 2018 in warsaw poland the fifteenth national conference of operational and systems research bos 2018 one of the leading conferences in the field of operational and systems research not only in poland but also at the european level and the seventeenth international workshop on intuitionistic fuzzy sets and general nets iwifsgn 2018 one of the premiere conferences on fuzzy logic the papers presented here constitute a fair and comprehensive representation of the topics covered by both bos 2018 and iwifsgn 2018 including extensions of the traditional fuzzy sets in particular on the intuitionistic fuzzy sets as well as other topics in uncertainty and imprecision modeling the generalized nets gns a powerful extension of the traditional petri net paradigm and intercriteria analysis a new method for feature selection and analyses in multicriteria and multi attribute decision making problems the workshop was dedicated to the memory of professor beloslav riečan 1936 2018 a regular participant at the iwifsgn workshops

Uncertainty and Imprecision in Decision Making and Decision Support: New Challenges, Solutions and Perspectives

2020-06-26

an overview of the latest advances in manufacturing in manufacturing staying up to date with the newest technology has a direct impact on the bottom line to this end advances in manufacturing technology xv provides an invaluable resource papers presented at the 15th national conference on manufacturing research highlighting the latest findings and ongoing work of the world s leading labs showcasing innovation in efficiency speed safety capability and much more these works represent the forefront of manufacturing today

Advances in Manufacturing Technology XV

2001-11-28

smart legal contracts computable law in theory and practice is a landmark investigation into one of the most important trends at the interface of law and technology the effort to harness emerging digital technologies to change the way that parties form and perform contracts while developments in distributed ledger technology have brought the topic of smart contracts into the mainstream of legal attention this volume takes a broader approach to ask how computers can be used in the contracting process this book assesses how contractual promises are expressed in software and how code based artefacts can be incorporated within more conventional legal structures with incisive contributions from members of the judiciary legal scholars practitioners and computer scientists this book sets out to frame the borders of an emerging area of law and start a more productive dialogue between the various disciplines involved in the evolution of contracts as software it provides the first step towards a more disciplined approach to computational contracts that avoids the techno legal ambiguities of smart contracts and reveals an emerging taxonomy of approaches to encoding contracts in whole or in part conceived and written during a time when major legal systems began to engage with the advent of contracts in computable form and aimed at a fundamental level of enquiry this collection will provide essential insight into future trends and will provide a point of orientation for future scholarship and innovation

Smart Legal Contracts

2022-04-04

this innovative book proposes new theories on how the legal system can be made more comprehensible usable and empowering for people through the use of design principles utilising key case studies and providing real world examples of legal innovation the book moves beyond discussion to action it offers a rich set of examples demonstrating how various design methods including information service product and policy design can be leveraged within research and practice

Legal Design

2021-10-21

discusses the skills required by future lawyers and explores innovative and technology driven approaches to modernising legal education

Modernizing Legal Education

2020-01-09

strategy leadership and ai in the cyber ecosystem investigates the restructuring of the way cybersecurity and business leaders engage with the emerging digital revolution towards the development of strategic management with the aid of ai and in the context of growing cyber physical interactions human machine co working relationships the book explores all aspects of strategic leadership within a digital context it investigates the interactions from both the firm organization strategy perspective including cross functional actors stakeholders who are operating within the organization and the various characteristics of operating in a cyber secure ecosystem as consumption and reliance by business on the use of vast amounts of data in operations increase demand for more data governance to minimize the issues of bias trust privacy and security may be necessary the role of management is changing dramatically with the challenges of industry 4 0 and the digital revolution with this intelligence explosion the influence of artificial intelligence technology and the key themes of machine learning big data and digital twin are evolving and creating the need for cyber physical management professionals discusses the foundations of digital societies in information governance and decision making explores the role of digital business strategies to deal with big data management governance and digital footprints considers advances and challenges in ethical management with data privacy and transparency investigates the cyber physical project management professional digital twin and the role of holographic technology in corporate decision making

Strategy, Leadership, and AI in the Cyber Ecosystem

2020-11-10

the legal sector is being hit by profound economic and technological changes digitalization open data blockchain artificial intelligence forcing law firms and legal departments to become ever more creative in order to demonstrate their added value to help lawyers meet this challenge this book draws on the perspectives of lawyers and creative specialists to analyze the concept and life cycle of legal innovations techniques and services whether related to legislation legal engineering legal services or legal strategies as well as the role of law as a source of creativity and interdisciplinary collaboration

Mapping Legal Innovation

2021-03-01

susannah hagan boldly discusses the fraught relationship between key dominating areas of architectural discourse digital design environmental design and avant garde design digitalia firstly demonstrates that drawing such firm lines between architectural spheres is damaging and foolish particularly as both environmental and avant garde practices are experimenting with the digital and secondly remonstrates with an avant garde that has repudiated the social ethical agenda of the modernist avant garde because it failed the first time round it is environmental architecture that has picked up the social ethical ball and is running with it using the digital to very different and more far reaching ends as the debates rage this book is a key read for all who are involved or intrigued

Digitalia

2020-10-28

dare to think this was the catch cry of the enlightenment over 300 years ago when the breakaway from religion towards a more secular society began isaac newton led the scientific revolution which transformed society for the next 300 years with progress not then dreamed of stephen hawking revealed a new cosmology and linked einstein s relativity to small scale quantum mechanics yet what was the mind set of newton s age compared to hawking s age what were the changes in the mind sets of society and philosophy during those 300 years and were they all linked to science this book represents a slice of the history of ideas science and philosophy mixed with their personal lives against how science mathematics and philosophy evolved over those 300 years revealed are the truly astonishing stories and ideas of five of the greatest thinkers who ever lived who provided us rich insights into the cosmos their stories class them as true founders of scientific revolutions battlers with feats of endurance and triumphs to rise to great heights through the personal tragedies of curie and hawking to the intellectual battles fought by einstein newton and leibniz these five scientists inspire us and enrich our ideas

Blast Furnace and Steel Plant

1961

ecological urbanism the nature of the city asks the questions that are important inside and outside the built environment professions what are climate change urbanisation and ecology doing to the theory and practice of urban design how does ecological urbanism figure in this change what is ecological urbanism in answer this book is neither definitive impossible when a subject is still in motion nor encyclopaedic equally impossible when so much has been written on almost every aspect of these essays instead it seeks to rebalance the ecological narrative and its embryonic modes of practice with the narratives of urbanism and its older deeply embedded modes of practice it examines the implications for cities and the designers of cities now we are required to again address their metabolic as well as social and formal dimensions and it explores the extent to which environmental engineering and natural systems design can and should become drivers for the remaking of cities in the 21st century above all it argues that sooner rather than later urbanism needs to become environmentally literate and environmental design needs to become culturally literate

Annual Report - Office of Water Resources Research

1973

the second of a seven volume series the literature of the agricultural sciences this book analyzes the trends in published literature of agricultural engineering during the past century with emphasis on the last forty years it uses citation analysis and other bibliometric techniques to identify the most important journals report series and monographs for the developed countries as well as those in the third world

Annual Report Pursuant to Water Resources Act of 1964

1971

three years ago the first liquid legal book compelled the legal profession to reassess its identity and to aspire to become a strategic partner for corporate executives as well as for clients it also led to the foundation of the liquid legal institute lli an association that sparks innovation and drives collaboration in the legal industry this second liquid legal book builds on the lli s progress and on the lessons learned by a legal community that has moved beyond focusing purely on legaltech it not only presents an outlook on how legal professionals will operate in the future but also allows readers to develop a genuine understanding of the value of digitalization standardization and new methodologies further the book outlines a common legal platform clp and makes it the common point of departure for every author offering inspiring insights from a wide range of forward thinking experts who are all invested in driving new thinking within the legal ecosystem the book also features liquid legal waves which provide links between the various articles connecting concrete ideas practical solutions and specific topics and putting them into perspective and so creating a true network of ideas for readers a must read this book is vibrant proof of the power of sharing collaboration and cooperation helping the legal profession to shape its digital future and revitalize its relevance while retaining a focus on the human lawyer

How Great Thinkers Transformed Our Ideas

2024-05-08

computational finite element methods in nanotechnology demonstrates the capabilities of finite element methods in nanotechnology for a range of fields bringing together contributions from researchers around the world it covers key concepts as well as cutting edge research and applications to inspire new developments and future interdisciplinary research in particular it emphasizes the importance of finite element methods fems for computational tools in the development of efficient nanoscale systems the book explores a variety of topics including a novel fe based thermo electrical mechanical coupled model to study mechanical stress temperature and electric fields in nano and microelectronics the integration of distributed element lumped element and system level methods for the design modeling and simulation of nano and micro electromechanical systems n mems challenges in the simulation of nanorobotic systems and macro dimensions the simulation of structures and processes such as dislocations growth of epitaxial films and precipitation modeling of self positioning nanostructures nanocomposites and carbon nanotubes and their composites progress in using fem to analyze the electric field formed in needleless electrospinning how molecular dynamic md simulations can be integrated into the fem applications of finite element analysis in nanomaterials and systems used in medicine dentistry biotechnology and other areas the book includes numerous examples and case studies as well as recent applications of microscale and nanoscale modeling systems with fems using comsol multiphysics and matlab a one stop reference for professionals researchers and students this is also an accessible introduction to computational fems in nanotechnology for those new to the field

Iron and Steel Engineer

1962

this book presents two new decomposition methods to decompose a time series in intrinsic components of low and high frequencies the methods are based on singular value decomposition svd of a hankel matrix hsvd the proposed decomposition is used to improve the accuracy of linear and nonlinear auto regressive models linear auto regressive models ar arma and arima and auto regressive neural networks anns have been found insufficient because of the highly complicated nature of some time series hybrid models are a recent solution to deal with non stationary processes which combine pre processing techniques with conventional forecasters some pre processing techniques broadly implemented are singular spectrum analysis ssa and stationary wavelet transform swt although the flexibility of ssa and swt allows their usage in a wide range of forecast problems there is a lack of standard methods to select their parameters the proposed decomposition hsvd and multilevel svd are described in detail through time series coming from the transport and fishery sectors further for comparison purposes it is evaluated the forecast accuracy reached by ssa and swt both jointly with ar based models and anns

Measurements of Plutonium Nitrate Shipping Solutions

1964

derek t o hagan and a team of expert vaccinologists and pharmacologists thoroughly describe the preparation characterization and evaluation of a wide range of alternative vaccine adjuvants for use in preclinical studies each chapter carefully reviews a single adjuvant and suggests why a specific adjuvant might be preferred for a given antigen depending on what type of immune response is desired alternate adjuvant choices are also presented so that researchers can choose those most efficacious for their specific purpose comprehensive and highly practical vaccine adjuvants preparation methods and research protocols provides an effective guide to making and using vaccine adjuvants by closely following directions from the book today s researchers will be able optimally to induce specific immune responses against different types of antigens and to selectively manipulate the immune response in a favorable way

Ecological Urbanism: The Nature of the City

2014-09-15

this book gathers the latest advances innovations and applications in the field of building design and construction by focusing on new design solutions for buildings and new technologies creation for construction as presented by researchers and engineers at the 2nd international conference building innovations icbi held in poltava baku ukraine azerbaijan on may 23 24 2019 it covers highly diverse topics including structures operation repairing and thermal modernization in existing buildings and urban planning features machines and mechanisms for construction as well as efficient economy and energy conservation issues in construction the contributions which were selected by means of a rigorous international peer review process highlight numerous exciting ideas that will spur novel research directions and foster multidisciplinary collaborations

Annual Report

1971

fibre2fashion magazine the print venture of fibre2fashion com since 2011 is circulated among a carefully chosen target audience globally and reaches the desks of top management and decision makers in the textiles apparel and fashion industry as one of india s leading industry magazines for the entire textile value chain fibre2fashion magazine takes the reader beyond the mundane headlines and analyses issues in depth

Annual Report

1971

this book of proceedings presents the latest thinking and research in the rapidly evolving world of architecture and sustainable development through 255 selected papers by authors coming from over 60 countries

Report

1969

the statistical analysis of cost effectiveness data is becoming increasingly important within health and medical research statistical analysis of cost effectiveness data provides a practical book that synthesises the huge amount of research that has taken place in the area over the last two decades comprising an up to date overview of the statistical analysis of cost effectiveness data the book is supported by numerous worked examples from the author s own experience it has been written in a style suitable for medical statisticians and health care professionals alike key features include an overview of statistical methods used in the analysis of cost effectiveness data coverage of bayesian methodology illustrated throughout by worked examples using real data suitability for health care professionals with limited statistical knowledge discussion of software used for data analysis an essential reference for biostatisticians and health economists engaged in cost effectiveness analysis of health care interventions both in

academia and industry also of interest to graduate students of biostatistics public health and economics

TEACHING ENGLISH IN GLOBAL CONTEXTS: Language, Learners and Learning

2023-11-07

Official Gazette of the United States Patent and Trademark Office

1992

New Developments for Embracing Genomic Selection in Breeding Applications

2022-02-18

The Literature of Agricultural Engineering

1992

NBS Special Publication

1968

Liquid Legal

2020-08-27

Computational Finite Element Methods in Nanotechnology

2017-12-19

Multiscale Forecasting Models

2018-08-23

Vaccine Adjuvants

2008-02-02

Solutions!

2003

Proceedings of the 2nd International Conference on Building Innovations

2020-06-13

Fibre2Fashion - Textile Magazine - December 2017

2011-07

Architecture & Sustainable Development (vol.2)

2006-08-14

Statistical Analysis of Cost-Effectiveness Data

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