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Proceedings Adsorption Science and Technology Residual Stresses 2016 Trends in Applied Knowledge-Based Systems and Data Science Database and Expert Systems Applications Intelligent Computing Theories and Application Phosphor Handbook 24th European Symposium on Computer Aided Process Engineering 3D IC and RF SiPs: Advanced Stacking and Planar Solutions for 5G Mobility Universal Access in Human-Computer Interaction Key Engineering Materials II Progress in Civil Engineering Advances in Intelligent Systems and Applications - Volume 2 Engineering Geology for Society and Territory - Volume 3 Information Systems: Modeling, Development, and Integration Innovations in Older Adult Care and Health Service Management: A Focus on the Asia-Pacific Region Advances of Science and Technology Journal of Biomolecular Structure & Dynamics Green City Planning and Practices in Asian Cities Advances in Sign Language Corpus Linguistics Engineering Applications of Neural Networks Engineering Asset Management An Optimized Method for Solving Membership-based Neutrosophic Linear Programming Problems PID Control for Industrial Processes Material Strength and Applied Mechanics Optimization for Control, Observation and Safety ISMIR 2008 Computational Science and Its Applications - ICCSA 2010 Research in Intelligent and Computing in Engineering HCI in Business, Government and Organizations Tunneling in Soft Ground, Ground Conditioning and Modification Techniques Learning the bash shell Advance of Polymers Applied to Biomedical Applications: Cell Scaffolds Effects of Polyphenol-Rich Foods on Human Health Journal of the Chinese Chemical Society 〇〇〇〇〇〇〇〇〇〇〇〇 Tamkang Journal of Science and Engineering 〇〇〇〇〇〇 Proceedings Passive Components and Transmission Systems

Proceedings

2002

this book is the proceedings of the second pacific basin conference on adsorption science and technology that was held may 14 18 2000 in brisbane australia

Adsorption Science and Technology

2000

this book presents the proceedings of the international conference on residual stresses 10 and is devoted to the prediction modelling evaluation control and application of residual stresses in engineering materials new developments on stress measurement techniques on modelling and prediction of residual stresses and on progress made in the fundamental understanding of the relation between the state of residual stress and the material properties are highlighted the proceedings offer an overview of the current understanding of the role of residual stresses in materials used in wide ranging application areas

Residual Stresses 2016

2017-03-15

this book constitutes the refereed conference proceedings of the 29th international conference on industrial engineering and other applications of applied intelligent systems ieaaie 2016 held in morioka japan in august 2 4 2016 the 80 revised full papers presented were carefully reviewed and selected from 168 submissions they are organized in topical sections data science knowledge base systems natural language processing and sentiment analysis semantic and social networks computer vision medical diagnosis system and bio informatics applied neural networks innovations in intelligent systems

and applications decision support systems adaptive control soft computing and multi agent systems evolutionary algorithms and heuristic search system integration for real life applications

Trends in Applied Knowledge-Based Systems and Data Science

2016-07-13

this two volume set lncs 8644 and lncs 8645 constitutes the refereed proceedings of the 25th international conference on database and expert systems applications dexa 2014 held in munich germany september 1 4 2014 the 37 revised full papers presented together with 46 short papers and 2 keynote talks were carefully reviewed and selected from 159 submissions the papers discuss a range of topics including data quality social web xml keyword search skyline queries graph algorithms information retrieval xml security semantic web classification and clustering queries social computing similarity search ranking data mining big data approximations privacy data exchange data integration web semantics repositories partitioning and business applications

Database and Expert Systems Applications

2014-08-20

this two volume set of lncs 12836 and lncs 12837 constitutes in conjunction with the volume lnai 12838 the refereed proceedings of the 17th international conference on intelligent computing icic 2021 held in shenzhen china in august 2021 the 192 full papers of the three proceedings volumes were carefully reviewed and selected from 458 submissions the icic theme unifies the picture of contemporary intelligent computing techniques as an integral concept that highlights the trends in advanced computational intelligence and bridges theoretical research with applications the theme for this conference is advanced intelligent computing methodologies and applications the papers are organized in the following subsections evolutionary computation and learning image and signal processing information security neural networks pattern recognition swarm intelligence and optimization and virtual reality and human computer interaction

Intelligent Computing Theories and Application

2021-08-09

a benchmark publication the first edition of the phosphor handbook published in 1998 set the standard for references in the field the second edition updated and published in 2007 began exploring new and emerging fields however in the last 14 years since the second edition was published many notable advances and broader phosphor applications have occurred completely revised updated and expanded into three separate volumes this third edition of the handbook covers the most recent developments in phosphor research characterization and applications this volume on experimental methods for phosphor evaluation and characterization addresses the theoretical and experimental methods for phosphor evaluation and characterization the chapters in the book cover first principle and dft analysis of optical structural and chemical properties of phosphors phosphor design and tuning through structure and solid solution design for ir nir and narrowband emission and thermally stable phosphors and nanophosphors detailed illustration for measurement of the absolute photoluminescence quantum yield of phosphors phosphor analysis through photoionization high pressure and synchrotron radiation studies

Phosphor Handbook

2022-01-31

the 24th european symposium on computer aided process engineering creates an international forum where scientific and industrial contributions of computer aided techniques are presented with applications in process modeling and simulation process synthesis and design operation and process optimization the organizers have broadened the boundaries of process systems engineering by inviting contributions at different scales of modeling and demonstrating vertical and horizontal integration contributions range from applications at the molecular level to the strategic level of the supply chain and sustainable development they cover major classical themes at the same time exploring a new range of applications that address the production of renewable forms of energy environmental footprints and sustainable use of resources and water

24th European Symposium on Computer Aided Process Engineering

2014-06-20

an interdisciplinary guide to enabling technologies for 3d ics and 5g mobility covering packaging design to product life and reliability assessments features an interdisciplinary approach to the enabling technologies and hardware for 3d ics and 5g mobility presents statistical treatments and examples with tools that are easily accessible such as microsoft s excel and minitab fundamental design topics such as electromagnetic design for logic and rf passives centric circuits are explained in detail provides chapter wise review questions and powerpoint slides as teaching tools

3D IC and RF SiPs: Advanced Stacking and Planar Solutions for 5G Mobility

2018-03-28

these are the proceedings of the 2nd international conference on key engineering materials ickem 2012 held on 26 28th february 2012 in singapore the objective was to provide a forum for the discussion of new developments recent progress and innovations in the field of key engineering materials all aspects of design methodology were addressed and emphasis was placed on current and future challenges to research and development in both academia and industry

Universal Access in Human-Computer Interaction

2012-03-15

volume is indexed by thomson reuters cpci s was these selected papers provide up to date and comprehensive state of the art information on the fields of geotechnical engineering geological engineering tunnel subway and underground facilities

hydraulic engineering coastal engineering water supply and drainage engineering heating gas supply ventilation and air conditioning works cartography and geographic information systems surveying engineering construction technology computer application and cad cae this volume will be an asset to those involved in these domains

Key Engineering Materials II

2012-05-14

the field of intelligent systems and applications has expanded enormously during the last two decades theoretical and practical results in this area are growing rapidly due to many successful applications and new theories derived from many diverse problems this book is dedicated to the intelligent systems and applications in many different aspects in particular this book is to provide highlights of the current research in intelligent systems and applications it consists of research papers in the following specific topics | authentication identification and signature | intrusion detection | steganography data hiding and watermarking | database system and communication security | computer vision object tracking and pattern recognition | image processing medical image processing and video coding | digital content digital life and human computer interaction | parallel peer to peer distributed and cloud computing | software engineering and programming language this book provides a reference to theoretical problems as well as practical solutions and applications for the state of the art results in intelligent systems and applications on the aforementioned topics in particular both the academic community graduate students post doctors and faculties in electrical engineering computer science and applied mathematics and the industrial community engineers engineering managers programmers research lab staffs and managers security managers will find this book interesting

Progress in Civil Engineering

2012-12-15

this book is one out of 8 iaeg xii congress volumes and deals with river basins which are the focus of many hydraulic

engineering and hydrogeological studies worldwide such studies examine river systems as both a resource of the fluvial environment and also explore river related hazards and risks the contributions of researchers from different disciplines focus on surface groundwater exchanges stream flow stream erosion river morphology and management sediment transport regimes debris flows evaluation of water resources dam operation and hydropower generation flood risks and flood control stream pollution and water quality management the contributions include case studies for advancing field monitoring techniques improving modeling and assessment of rivers and studies contributing to better management plans and policies for the river environment and water resources the engineering geology for society and territory volumes of the iaeg xii congress held in torino from september 15 19 2014 analyze the dynamic role of engineering geology in our changing world and build on the four main themes of the congress environment processes issues and approaches the congress topics and subject areas of the 8 iaeg xii congress volumes are climate change and engineering geology landslide processes river basins reservoir sedimentation and water resources marine and coastal processes urban geology sustainable planning and landscape exploitation applied geology for major engineering projects education professional ethics and public recognition of engineering geology preservation of cultural heritage

Advances in Intelligent Systems and Applications - Volume 2

2014-08-21

unicon 2009 united information systems conference was the third conference in the series that is based on the idea to pool smaller but highly interesting scientific events on information systems into one large conference here people from different scientific backgrounds can present their research results share their ideas and discuss future trends in these various areas unicon 2009 was held in sydney australia in the university of western sydney campbelltown campus in 2009 the following scientific events were held under the umbrella of unicon 2009 the 8th international conference on information systems technology and its applications ista 2009 the 8th international workshop on conceptual modelling approaches for e-business ecom 2009 second workshop on model based software and data integration mbsdi 2009 we received 115 papers for the three events papers were submitted from over 25 countries after a rigorous review process 39 papers were accepted as full papers and 14 papers as short papers for presentation at the conference and published in these proceedings in addition to

the above three events we also organized a doctoral consortium to provide a forum for doctoral students to get feedback from experts in the area about their research projects

Engineering Geology for Society and Territory - Volume 3

2009-04-17

population aging is a consistent global demographic trend the growth in both the size and proportion of older adults has threatened the sustainability of health systems in meeting healthcare needs of the population countries in the asia pacific region may face even more complex health system challenges due to the diversity in culture management and leadership styles composition of health service provision investment in research infrastructure and innovation adaptation data availability and gaps in information technology the asia pacific is home to more than half of the world's population and comprises countries across five asia pacific subregions east and north east asia north and central asia pacific south east asia south and south west asia the economies are diverse including six high income countries such as australia brunei japan new zealand south korea and singapore low income countries nepal and north korea and middle income countries the region also includes some of the fastest growing economies in the world including china india malaysia thailand indonesia and the philippines

Information Systems: Modeling, Development, and Integration

2024-02-14

this book constitutes the refereed post conference proceedings of the 7th international conference on advancement of science and technology icastr 2019 which took place in bahir dar ethiopia in august 2019 the 76 revised full papers were carefully reviewed and selected from more than 150 submissions the papers present economic and technologic developments in modern societies in five tracks agro processing industries for sustainable development water resources and environmental engineering recent advances in electrical electronics and computing technologies product design

manufacturing and systems organization and material science and engineering

Innovations in Older Adult Care and Health Service Management: A Focus on the Asia-Pacific Region

2020-03-16

urban planners across the world are faced with sustainable development issues in their work especially when they are tasked with creating green cities or where sustainable and smart growth in urban settings are set as primary goals this book introduces green city planning and practices from the three dimensions of green building innovation community development and smart city strategies and argues that effective implementation of green city planning are a necessary pre condition for reaching sustainable urban development a range of authors representing a broad disciplinary spectrum bring together the different standards of green building methods and urban design techniques and clearly sketch the roles of both spatial designers and urban researchers in the implementation of green city planning at regional community and single building level in order to arrive at an integrated approach across different scales

Advances of Science and Technology

2003

this collected volume showcases cutting edge research in the rapidly developing area of sign language corpus linguistics in various sign language contexts across the globe each chapter provides a detailed account of particular national corpora and methodological considerations in their construction part 1 focuses on corpus based linguistic findings covering aspects of morphology syntax multilingualism and regional and diachronic variation part 2 explores innovative solutions to challenges in building and annotating sign language corpora touching on the construction of comparable sign language corpora collaboration challenges at the national level phonological arrangement of digital lexicons and semi automatic

annotation this unique volume documenting the growth in breadth and depth within the discipline of sign language corpus linguistics is a key resource for researchers teachers and postgraduate students in the field of sign language linguistics and will also provide valuable insights for other researchers interested in corpus linguistics construction grammar and gesture studies

Journal of Biomolecular Structure & Dynamics

2018-03-21

this book constitutes the refereed proceedings of the 13th international conference on engineering applications of neural networks eann 2012 held in london uk in september 2012 the 49 revised full papers presented were carefully reviewed and selected from numerous submissions the papers describe the applications of neural networks and other computational intelligence approaches to intelligent transport environmental engineering computer security civil engineering financial forecasting virtual learning environments language interpretation bioinformatics and general engineering

Green City Planning and Practices in Asian Cities

2023-04-03

it is with great pleasure that we welcome you to the inaugural world congress on engineering asset management wceam being held at the conrad jupiters hotel on the gold coast from july 11 to 14 2006 more than 170 authors from 28 countries have contributed over 160 papers to be presented over the first three days of the conference day four will be host to a series of workshops devoted to the practice of various aspects of engineering asset management wceam is a new annual global forum on the various multidisciplinary aspects of engineering asset management it deals with the presentation and publication of outputs of research and development activities as well as the application of knowledge in the practical aspects of strategic asset management risk management in asset management design and life cycle integrity of physical assets asset performance and level of service models financial analysis methods for physical assets reliability modelling

and prognostics information systems and knowledge management asset data management warehousing and mining condition monitoring and intelligent maintenance intelligent sensors and devices regulations and standards in asset management human dimensions in integrated asset management education and training in asset management and performance management in asset management we have attracted academics practitioners and scientists from around the world to share their knowledge in this important emerging transdiscipline that impacts on almost every aspect of daily life

Advances in Sign Language Corpus Linguistics

2013-04-19

linear programming lp is an essential approach in mathematical programming because it is a viable technique used for addressing linear systems involving linear parameters and continuous constraints the most important use of lp resides in solving the issues requiring resource management because many real world issues are too complicated to be accurately characterized indeterminacy is often present in every engineering planning process neutrosophic logic which is an application of intuitionistic fuzzy sets is a useful logic for dealing with indeterminacy neutrosophic linear programming nlp issues are essential in neutrosophic modelling because they may express uncertainty in the physical universe numerous techniques have been proposed to alleviate nlp difficulties on the surface the current approaches in the specialized literature are unable to tackle issues with non deterministic variables in other words no method for solving a truly neutrosophic problem has been offered for the first time a unique approach is provided for tackling fully neutrosophic linear programming fnlp problems in this study the proposed study uses a decomposition method to break the fnlp problem into three separate bounded problems then these problems are solved using simplex techniques unlike other existing methods the proposed method can solve nlp problems with neutrosophic values for variables in this research the decision makers have the freedom to consider the variables with neutrosophic structure while obtaining the optimal objective value as a crisp number it should also be noted that the typical nlp problems which can be solved by means of the existing methods can also be solved through the method proposed in this paper

Engineering Applications of Neural Networks

2008-02-06

pid control for industrial processes presents a clear multidimensional representation of proportional integral derivative pid control for both students and specialists working in the area of pid control it mainly focuses on the theory and application of pid control in industrial processes it incorporates recent developments in pid control technology in industrial practice emphasis has been given to finding the best possible approach to develop a simple and optimal solution for industrial users this book includes several chapters that cover a broad range of topics and priority has been given to subjects that cover real world examples and case studies the book is focused on approaches for controller tuning i e method bases on open loop plant tests and closed loop experiments

Engineering Asset Management

2023-01-01

keeping abreast of the latest developments in materials technology and techniques is vital to a wide range of sectors such as aerospace the automotive industry and mechanical and civil engineering a knowledge and understanding of the latest research is crucial to facilitate the adoption of appropriate solutions in tackling those challenges that will inevitably be encountered this book presents the proceedings of msam 2023 the 6th international conference on material strength and applied mechanics held as a hybrid event from 4 7 july 2023 in macau china this annual conference provides a platform for all those engaged in basic or applied research technology development application and innovation in material strength and applied mechanics to exchange information and ideas about the latest research in the field and is attended by scientists and experts from academia and industry from around the world the book contains 17 papers accepted from 50 submissions received for presentation at the conference these were selected following a rigorous peer review process in which each paper was assessed by two or three reviewers on the basis of criteria including scope application research merit and experimental techniques topics covered include applied mechanics intelligent manufacturing technology mechanical

engineering optimal design of structures advanced materials sciences computational methods and modeling simulation processes and industrial applications the book offers an overview of the latest advancements in material strength and applied mechanics and will be of interest to all those working in the field

An Optimized Method for Solving Membership-based Neutrosophic Linear Programming Problems

2018-09-12

mathematical optimization is the selection of the best element in a set with respect to a given criterion optimization has become one of the most used tools in control theory to compute control laws adjust parameters tuning estimate states fit model parameters find conditions in order to fulfill a given closed loop property among others optimization also plays an important role in the design of fault detection and isolation systems to prevent safety hazards and production losses that require the detection and identification of faults as early as possible to minimize their impacts by implementing real time fault detection and fault tolerant systems recently it has been proven that many optimization problems with convex objective functions and linear matrix inequality lmi constraints can be solved easily and efficiently using existing software which increases the flexibility and applicability of the control algorithms therefore real world control systems need to comply with several conditions and constraints that have to be taken into account in the problem formulation which represents a challenge in the application of the optimization algorithms this book offers an overview of the state of the art of the most advanced optimization techniques and their applications in control engineering

PID Control for Industrial Processes

2023-10-03

this four volume set synthesizes the international conference on computational science and its applications iccsa 2010

topics include computational methods algorithms and scientific application high performance computing and networks and more

Material Strength and Applied Mechanics

2020-04-01

this book comprises select peer reviewed proceedings of the international conference on research in intelligent and computing in engineering rice 2020 held at thu dau mot university vietnam the volume primarily focuses on latest research and advances in various computing models such as centralized distributed cluster grid and cloud computing practical examples and real life applications of wireless sensor networks mobile ad hoc networks and internet of things data mining and machine learning are also covered in the book the contents aim to enable researchers and professionals to tackle the rapidly growing needs of network applications and the various complexities associated with them

Optimization for Control, Observation and Safety

2008

this two volume set of hcibgo 2023 constitutes the refereed proceedings of the 10h international conference on hci in business government and organizations held as part of the 24th international conference hci international 2023 which took place in july 2023 in copenhagen denmark the total of 1578 papers and 396 posters included in the hcii 2023 proceedings volumes was carefully reviewed and selected from 7472 submissions the hcibgo 2023 proceedings focuses in topics such as artificial intelligence and machine learning blockchain service design live streaming in electronic commerce visualization and workplace design

animation curves the semantic web and applications in geography and medicine topics include a visual query language for large spatial databases cooperative robot teleoperation through virtual reality interfaces visualizing temporal features in large scale microarray time series data and using bibliographic maps to analyze term distribution in scientific papers the cd rom is an electronic version of the book no subject index annotation copyrighted by book news inc portland or

Effects of Polyphenol-Rich Foods on Human Health

2003

Journal of the Chinese Chemical Society

2021-03

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2004

Tamkang Journal of Science and Engineering

2015

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2002

Proceedings

2001

Passive Components and Transmission Systems

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