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Sustainable Development and Innovations in Marine Technologies Technology and Science for the Ships of the Future The 1940 Vrancea Earthquake. Issues, Insights and Lessons Learnt Verification: Theory and Practice Advances in Environment Engineering and Management Organizational Effectiveness Fire Science and Technology 2015 Automated Digital Mosaicking of Airborne Videography Crowd Dynamics, Volume 1 Proceedings of the First International Workshop on the Analysis of Multi-temporal Remote Sensing Images Analysis of Multi-Temporal Remote Sensing Images Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation, 29 February Through 4 March 2000, Orlando, Florida, U.S.A. Measuring the Oceans from Space The Earth Observer Forest Environments in the Mekong River Basin Proceedings of the 1st International Conference in Safety and Crisis Management in the Construction, Tourism and SME Sectors Forest Trails Library Bibliography Ecology of a Managed Terrestrial Landscape Ocean Weather Forecasting Scientific and Technical Aerospace Reports CRREL Report Modeling Snow Water Equivalent at the Alpine Treeline Ecotone Using Vegetation Structure and Topography Variables A Practitioner's Guide to Enhancing Parenting Skills Encyclopedia of Library and Information Science The Handbook of Formal Methods in Human-Computer Interaction Catalog of Copyright Entries. Third Series The Adobe Illustrator CS Wow! Book Monthly Catalog of United States Government Publications Headquarters and Headquarters Company, Petroleum Group Monthly Catalogue, United States Public Documents Pedestrian and Evacuation Dynamics Psychology in Probation Services Special Report Microwave Radiation of the Ocean-Atmosphere Communicating Process Architectures 2000 Advances in Information Systems Science New V and V Tools for Diagnostic Modeling Environment (DME) Resources in Education NASA Scientific and Technical Publications Enclosure Fire Dynamics, Second Edition

Sustainable Development and Innovations in Marine Technologies 2019-08-22

sustainable development and innovations in marine technologies includes the papers presented at the 18th international congress of the maritime association of the mediterranean imam 2019 varna bulgaria 9 11 september 2019 sustainable development and innovations in marine technologies includes a wide range of topics aquaculture fishing construction defence security design dynamic response of structures degradation defects in structures electrical equipment of ships human factors hydrodynamics legal social aspects logistics machinery control marine environmental protection materials navigation noise non linear motions manoeuvrability off shore and coastal development off shore renewable energy port operations prime movers propulsion safety at sea safety of marine systems sea waves seakeeping shaft propellers ship resistance shipyards small pleasure crafts stability static response of structures structures and wind loads the imam series of conferences started in 1978 when the first congress was organised in istanbul turkey imam 2019 is the eighteenth edition and in its nearly forty years of history this biannual event has been organised throughout europe sustainable development and innovations in marine technologies is essential reading for academics engineers and all professionals involved in the area of sustainable and innovative marine technologies

Technology and Science for the Ships of the Future 2018-06-22

in 1974 a scientific conference covering marine automation group and large vessels issues was organized under the patronage of the technical naval studies centre cetena and the italian national research council cnr a later collaboration with the marine technical association atena led to the renaming of the conference as nav extending the topics covered to the technical field previously covered by atena national conferences the nav conference is now held every 3 years and attracts specialists from all over the world this book presents the proceedings of nav 2018 held in trieste italy in june 2018 the book contains 70 scientific papers 35 technical papers and 16 reviews and subjects covered include comfort on board conceptual and practical ship design deep sea mining and marine robotics protection of the environment renewable marine energy design and engineering of offshore vessels digitalization unmanned vehicles and cyber security yacht and pleasure craft design and inland waterway vessels with its comprehensive coverage of scientific and technical maritime issues the book will be of interest to all those involved in this important industry

The 1940 Vrancea Earthquake. Issues, Insights and Lessons Learnt 2016-03-02

these proceedings include most of the available information on this major seismic event and its consequences with an estimated moment magnitude of 7 7 and a heavy toll in terms of human and economic losses it ranks as the largest intermediate depth earthquake in europe in the twentieth century nevertheless because of the difficult conditions in the 1940s the lessons learnt after the vrancea earthquake were not extensively shared with the international scientific community and thus this book fills a gap in the literature discussing the knowledge acquired after major disasters past experience together with current understanding of the 1940 vrancea earthquake are presented along with the latest information on romanian seismicity seismic hazard and risk assessment and seismic evaluation and rehabilitation of buildings and structures moreover it includes excerpts from romanian post disaster reports and textbooks concerning the earthquake

Verification: Theory and Practice 2004-02-24

this festschrift volume constitutes a unique tribute to zohar manna on the occasion of his 64th birthday like the scientific work of zohar manna the 32 research articles span the entire scope of the logical half of computer science also included is a paean to zohar manna by the volume editor the articles presented are devoted to the theory of computing program semantics logics of programs temporal logic automated deduction decision procedures model checking concurrent systems reactive systems hardware and software verification testing software engineering requirements specification and program synthesis

Advances in Environment Engineering and Management 2021-09-02

this book presents the proceedings of the first national conference on sustainable management of environment natural resource through innovation in science and technology smtst2020 the book highlights the latest development and innovations in the fields of sustainability natural resource management ecology and its environmental fields geosciences and geology atmospheric sciences

sustainability climate change and extreme weather global warming and global change the effect of climate change on the ecosystem environment and pollution as well as putting a strong emphasis on the multidisciplinary studies

Organizational Effectiveness 2003-10-17

organizational effectiveness the role of psychology examines psychological approaches in organizations not from the more common perspective of their impact on individuals but in relation to how the work of psychologists impacts on the overall effectiveness of the organization it also provides a critical review of what psychology has to offer the way psychologists choose the problems they address work with others and evaluate and demonstrate the impact they have robertson callinan and bartram have brought together leading researchers and practitioners in work and organizational psychology each chapter provides a review of current knowledge practice issues and future directions in their own area of expertise with a focus on contributions and implications for organizational functioning and the wider arena of managerial thinking this book is for anyone interested in understanding the complex relations between individual group and organisational performance and effectiveness it is a valuable and challenging resource for advanced students and practitioners of occupational psychology organizational behaviour hrm and psychological consultancy in organizations

Fire Science and Technology 2015 2016-10-04

this book focuses on topics in the entire spectrum of fire safety science targeting research in fires explosions combustion science heat transfer fluid dynamics risk analysis structural engineering and other subjects the book contributes to a gain in advanced scientific knowledge and presents or advances new ideas in all topics in fire safety science two decades ago the 1st asia oceania symposium on fire science and technology was held in hefei china since then the asia oceania symposia have grown in size and quality this book reflecting that growth helps readers to understand fire safety technology design and methodology in diverse areas including historical buildings photovoltaic panels batteries and electric vehicles

Automated Digital Mosaicking of Airborne Videography 1996

this volume explores the complex problems that arise in the modeling and simulation of crowd dynamics in order to present the state of the art of this emerging field and contribute to future research activities experts in various areas apply their unique perspectives to specific aspects of crowd dynamics covering the topic from multiple angles these include a demonstration of how virtual reality may solve dilemmas in collecting empirical data a detailed study on pedestrian movement in smoke filled environments a presentation of one dimensional conservation laws with point constraints on the flux a collection of new ideas on the modeling of crowd dynamics at the microscopic scale and others applied mathematicians interested in crowd dynamics pedestrian movement traffic flow modeling urban planning and other topics will find this volume a valuable resource additionally researchers in social psychology architecture and engineering may find this information relevant to their work

Crowd Dynamics, Volume 1 2019-01-22

the development of effective methodologies for the analysis of multi temporal data is one of the most important and challenging issues that the remote sensing community will face in the next few years the importance and timeliness of this issue are directly related to the ever increasing quantity of multi temporal data provided by the numerous remote sensing satellites that orbit our planet the synergistic use of multi temporal remote sensing data and advanced analysis methodologies results in the possibility of solving complex problems related to the monitoring of the earth's surface and atmosphere this book brings together the methodological aspects of multi temporal remote sensing image analysis real applications and end user requirements presenting the state of the art in this field and contributing to the definition of common research priorities researchers and graduate students in the fields of environmental monitoring remote sensing image analysis and pattern recognition will appreciate the interdisciplinary approach thanks to the articles written by experts from different scientific communities

Proceedings of the First International Workshop on the Analysis of Multi-temporal Remote Sensing Images 2002

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Analysis of Multi-Temporal Remote Sensing Images 2002-07-12

this book covers the fundamental principles of measuring oceans from space and also contains state of the art developments in data analysis and interpretation and in sensors completely new will be material covering advances in oceanography that have grown out of remote sensing including some of the global applications of the data the variety of applications of remotely sensed data to ocean science has grown significantly and new areas of science are emerging to exploit the gobal datasets being recovered by satellites particularly in relation to climate and climate change basin scale air sea interaction processes e g el nino and the modelling forecasting and prediction of the ocean

Proceedings of the Twentieth Annual Symposium on Sea Turtle Biology and Conservation, 29 February Through 4 March 2000, Orlando, Florida, U.S.A. 2002

until now there have been few research works on cambodian forests because of the long civil war which restricted access to the area this book fills gaps in data about the world's forests presenting new topics of research in forests like cambodia s the book consists of three parts forest hydrology forest management and forest ecology providing an understanding of continental river basins the latest data are presented as derived from advanced observation systems for atmospheric flux ground water level soil water movement and stable isotope variation as well as remote sensing used for continuous measurements of forest environments

Measuring the Oceans from Space 2004-06-30

the growing popularity of the broad landscape scale approach to forest management represents a dramatic shift from the traditional stand based focus on timber production ecology of a managed terrestrial landscape responds to the increasing need of forest policy developers planners and managers for an integrated comprehensive perspective on ecological landscapes the book examines the big picture of ecological patterns and processes through a case study of the vast managed forest region in ontario the contributors synthesize current landscape ecological knowledge of this area and look at gaps and future research directions from several points of view spatial patterns ecological functions and processes natural disturbances and ecological responses to disturbance they also discuss the integration of landscape ecological knowledge into policies of forest management policies particularly with respect to ontario s legislative goals of forest sustainability ecology of a managed terrestrial landscape is the first book to describe the landscape ecology of a continuously forested landscape in a comprehensive manner it is written for instructors and students in forest management wildlife ecology and landscape ecology and for forest managers planners and policy developers in north america

The Earth Observer 1994

this volume covers a wide range of topics and summarizes our present knowledge in ocean modeling ocean observing systems and data assimilation the global ocean data assimilation experiment godae provides a framework for these efforts a global system of observations communications modeling and assimilation that will deliver regular comprehensive information on the state of the oceans engendering wide utility and availability for maximum benefit to the community

Forest Environments in the Mekong River Basin 2007-12-29

a practitioner's guide to enhancing parenting skills assessment analysis and intervention offers a detailed and stepwise approach to problem behaviour analysis and management based on the successful and evidence based enhancing parenting skills programme epas this unique programme based on 40 years of professor hutchings clinical work draws on social learning theory slt principles designed to support families of young children with behavioural challenges in this book hutchings and williams combine clear practical guidance with case examples and useful checklists to deliver slt based interventions tailored to the unique needs of individual families the case analysis identifies the assets and skills in the home situation and the functions of problem behaviours before creating a set of achievable goals the latter part of the manual includes examples of intervention strategies to address several common problems including toileting eating and night time problems this book is an invaluable tool for all practitioners working in early years including camhs primary care staff social workers clinical psychologists health visitors and school nurses

Proceedings of the 1st International Conference in Safety and Crisis Management in the Construction, Tourism and SME Sectors 1993

the encyclopedia of library and information science provides an outstanding resource in 33 published volumes with 2 helpful indexes this thorough reference set written by 1300 eminent international experts offers librarians information computer scientists bibliographers documentalists systems analysts and students convenient access to the techniques and tools of both library and information science impeccably researched cross referenced alphabetized by subject and generously illustrated the encyclopedia of library and information science integrates the essential theoretical and practical information accumulating in this rapidly growing field

Forest Trails Library Bibliography 2011-11-01

this book provides a comprehensive collection of methods and approaches for using formal methods within human computer interaction hci research the use of which is a prerequisite for usability and user experience ux when engineering interactive systems world leading researchers present methods tools and techniques to design and develop reliable interactive systems offering an extensive discussion of the current state of the art with case studies which highlight relevant scenarios and topics in hci as well as presenting current trends and gaps in research and future opportunities and developments within this emerging field the handbook of formal methods in human computer interaction is intended for hci researchers and engineers of interactive systems interested in facilitating formal methods into their research or practical work

Ecology of a Managed Terrestrial Landscape 2006-07-08

designed to dazzle and inspire but not leave you in the dust this beautifully designed volume lets you follow along as it dissects real world projects from some of today s top illustrator artists in the process it teaches you how to use illustrator in ever more creative ways for your own projects best selling author and award winning artist sharon steuer uses four color pictures of real illustrator projects to show what s possible and then employs simple step by step instructions to explain the techniques that will produce those effects you ll find comprehensive ground up coverage of all of illustrator cs most important capabilities veteran users will be grateful to explore illustrator cs new features powerful new tools for creating 3d graphics on the fly a new scribble effect that lets you add a loose hand drawn look to your artwork a redesigned text engine enhanced pdf support and more on the cd you ll find artwork from the book technical documents third party software clip art and more

Ocean Weather Forecasting 1995

an aging population increasing obesity and more people with mobility impairments are bringing new challenges to the management of routine and emergency people movement in many countries these population challenges coupled with the innovative designs being suggested for both the built environment and other commonly used structures e g transportation systems and the increasingly

complex incident scenarios of fire terrorism and large scale community disasters provide even greater challenges to population management and safety pedestrian and evacuation dynamics an edited volume is based on the pedestrian and evacuation dynamics ped 5th international 2010 conference march 8th 10th 2010 located at the national institute of standards and technology gaithersburg md usa this volume addresses both pedestrian and evacuation dynamics and associated human behavior to provide answers for policy makers designers and emergency management to help solve real world problems in this rapidly developing field data collection analysis and model development of people movement and behavior during nonemergency and emergency situations will be covered as well

Scientific and Technical Aerospace Reports 1990

this book serves as a route map for psychologists and probation officers working in probation services outlines the strategic framework for psychological services across prisons and probation gives an up to date picture of some key emerging areas of applied psychological practice in probation settings covers the development of applied psychological services court work mental health working with sex offenders risk assessment group work cognitive skills multi agency public protection panels and lifer assessments the editors are deputy head and head of psychology for prisons and probation services and therefore well placed to compile this book complements graham towl s book psychology in prisons bps blackwell 2003

CRREL Report 2003

the book describes different approaches to the analysis of heat and dynamic processes in the ocean atmospheric interface with satellite passive radiometric observations at microwaves it examines the feasibility of determining synoptic seasonal and year to year variations of sensible latent and momentum fluxes to a useful accuracy using the dmsp ssm i and eos aqua amsr e data directly from the measured brightness temperatures an important object in the studies is the north atlantic with emphasize on the areas with high midlatitude cyclon activity here the main results have been obtained by combining data from the vessel experiments newfouex 88 atlantex 90 and the data of microwave radiometers from the dmsp and eos aqua satellites the role of vertical turbulent and horizontal advective heat transfer in forming interrelations between the brightness temperature of the system ocean atmosphere and surface heat fluxes in the range of synoptic time scales is analyzed special sections of the book describe some results of analysis of reaction of the system ocean atmosphere on passing of the tropical cyclone katrina august 2005 in the florida strait as well as a behavior of the system in the period of a time preceding to origination the cyclone humberto september 2007 in the mexico gulf the long term goal of this research is the search for effects and regularities which can explain the reasons for the tropical cyclones appearance some characteristics of the tropical cyclones brightness temperature and heat contrasts etc are compared with those for midlatitude cyclones at the same time as covering a key topic area with implications for global warming research this text is also usefull to students who want to gain insight into application of satellite microwave radiometric methods for studying the air sea interaction key themes microwave radiometry air sea interaction midlatitude and tropical cyclones atmosphere boundary layer heat and momentum surface fluxes

Modeling Snow Water Equivalent at the Alpine Treeline Ecotone Using Vegetation Structure and Topography Variables 2019-01-30

modern computing systems are built in terms of components and those components communicating communication systems imply concurrency which is a theme of the wotug series traditionally concurrency has been taught considered and experienced as an advanced and difficult topic the thesis underlying this conference is that that idea is wrong the natural world operates through continuous interaction of massive numbers of autonomous agents at all levels sub atomic human astronomic it seems it is time to mature concurrency into a core engineering discipline that can be used on an everyday basis to simplify problem solutions as well as to enable them the goal of communicating process architectures 2000 was to stimulate discussion and ideas as to the role concurrency should play in future generations of scalable computer infrastructure and applications where scaling means the ability to ramp up functionality stay in control as complexity increases as well as physical metrics such as performance

A Practitioner's Guide to Enhancing Parenting Skills 1981-10-01

volume 9 of this series on information systems science presents four timely topics of current interest in this growing field in each chapter an attempt is made to familiarize the reader with some basic background information on the advances discussed so that this volume may be used independently or in conjunction with the previous volumes the emphasis in this volume is on data structures for scene

analysis database management technology inductive inference in processing pattern based information and logic design of mos networks scene analysis has become a very important aspect in information system design the process of scene analysis involves sensing segmentation recognition and interpretation innovative development of algorithms for these tasks requires the utilization of structural relationship prevalent within the sensed data in chapter 1 thomason and gonzalez discuss the formula tion of data representation techniques and the properties of data structures and databases in scene analysis in view of the growing importance of database management chapter 2 is devoted to an overview of database management technology in this chapter kobayashi covers a variety of current topics the topics discussed include system design methodology data structure theory semantic con siderations calculus based database operations database management functions and the issues of integrity security concurrency and recoverabil ity this chapter also discusses the end user languages and several existing database management systems

Encyclopedia of Library and Information Science 2017-04-24

describes the outbreak of compartment fires and the mechanisms for best controlling them derives simple analytical relationships from first principles and shows how to compare the derived equations with experimental data provides the calculational procedures and computer models needed to design a building for safety cites the most up to date standards and references throughout includes numerous chapter problems to test student readers understanding of fire behavior

The Handbook of Formal Methods in Human-Computer Interaction 1978

Catalog of Copyright Entries. Third Series 2004

The Adobe Illustrator CS Wow! Book 1982

Monthly Catalog of United States Government Publications 1991

Headquarters and Headquarters Company, Petroleum Group 1995-12

Monthly Catalogue, United States Public Documents 2011-06-29

Pedestrian and Evacuation Dynamics 2008-04-15

Psychology in Probation Services 1991

Special Report 2015-12-18

Microwave Radiation of the Ocean-Atmosphere 2000

Communicating Process Architectures 2000 2012-12-06

Advances in Information Systems Science 2002

New V and V Tools for Diagnostic Modeling Environment (DME) 1993

Resources in Education 1991

NASA Scientific and Technical Publications 2022-06-27

Enclosure Fire Dynamics, Second Edition

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