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Waves and Boundary Problems Electromagnetic Wave Absorbers 2016
Deadly Waves The Dominated Baby - an ABDL eBook (PDF/EPUB) Wave and Tidal Energy New
Wave, New Hollywood Mechanical Wave Vibrations A Great Revolutionary Wave
Electromagnetic Radiation, Scattering, and Diffraction The First Green Wave Feeling
Feminism Substrate-Integrated Millimeter-Wave Antennas for Next-Generation
Communication and Radar Systems The New Wave Cinema in Iran Front-Wave Boomers
Electromagnetic Vortices The Physics and Mathematics of Electromagnetic Wave
Propagation in Cellular Wireless Communication VFX Fundamentals Ordinary Differential
Equations Attractors and Methods Ukrainian Erotomaniac Fictions: First
Postindependence Wave Computational Acoustics Solitons The Open Organization Security
in Autonomous Driving Innovating Professional Services Real World Color Management
Building Hybrid Android Apps with Java and JavaScript Attractors and Inertial
Manifolds ePub - Leading Issues in Social Knowledge Management Temporary Agency Work
and Globalisation Digital Video Editing Fundamentals Phononic Crystals Multi-
Component Crystals The New Wave of British Women Playwrights India for a Billion
Reasons The US Navy in World War II Teacher Learning in the Digital Age I Am a
Feminist



1999-10-05

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Waves and Boundary Problems

2018-06-11

this is the second volume of nonlinear equations with small parameter containing new methods of construction of global asymptotics of solutions to nonlinear equations with small parameter they allow one to match asymptotics of various properties with each other in transition regions and to get unified formulas for connection of characteristic parameters of approximate solutions this approach underlies modern asymptotic methods and gives a deep insight into crucial nonlinear phenomena these are beginnings of chaos in dynamical systems incipient solitary and shock waves oscillatory processes in crystals engineering constructions and quantum systems apart from independent interest the approximate solutions serve as a foolproof basis for testing numerical algorithms the second volume will be related to partial differential equations

Electromagnetic Wave Absorbers

2019-09-18

addresses the importance of em wave absorbers and details pertinent theory design and applications demands for various em wave absorbers are rapidly increasing along with recent trends toward complicated electromagnetic environments and development of higher frequency communication equipment including ai technology this book provides a broad perspective on electromagnetic wave absorbers as well as discussion of specific types of absorbers their advantages and disadvantages their applications and performance verification electromagnetic wave absorbers detailed theories and applications presents the theory behind wave absorbers and their practical usage in design of em wave absorber necessary particularly for emc environments and similar applications the first half of the book contains the foundations of electromagnetic wave engineering specifically the transmission line theories necessary for em wave absorber analysis the basic knowledge of reflection transmission and absorption of electromagnetic waves derivation of maxwell s equations and computer analysis the second half describes special mediums absorber application examples simplified methods of absorber design autonomously controllable em wave absorber and more this valuable text provides detailed explanations of basic theory and applied theory for understanding em wave absorbers discusses the material constant measurement methods of em wave absorption characteristics that are necessary for designing em wave absorbers includes examples of novel em wave absorber configurations electromagnetic wave absorbers detailed theories and applications is an ideal read for researchers and students concerned with electromagnetic wave engineering it will also appeal to computer software engineers and electromagnetic field theory researchers

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2023-01-20

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when you become a baby once again and your wife becomes your mummy instead life changes dramatically for our protagonist he becomes more and more of a baby until such time as he needs a babysitter would you like to live as a proper baby and put your adult side away never to be seen again a wonderful story by colin milton from the book tales from the nursery vol 3

Wave and Tidal Energy

2018-03-28

a comprehensive text covering all aspects of wave and tidal energy wave and tidal energy provides a comprehensive and self contained review of the developing marine renewable energy sector drawing from the latest research and from the experience of device testing the book has a twofold objective to provide an overview of wave and tidal energy suitable for newcomers to the field and to serve as a reference text for advanced study and practice including detail on key issues such as resource characterisation wave and tidal technology power systems numerical and physical modelling environmental impact and policy the book also includes an up to date review of developments worldwide and case studies of selected projects key features a comprehensive and self contained text covering all aspects of the multidisciplinary fields of wave and tidal energy draws upon the latest research in wave and tidal energy and the experience of leading practitioners in numerical and laboratory modelling regional developments worldwide are reviewed and representative projects are presented as case studies wave and tidal energy is an invaluable resource to a wide range of readers from engineering students to technical managers and policymakers to postgraduate students and researchers

New Wave, New Hollywood

2021-09-23

as a period of film history the american new wave ordinarily understood as beginning in 1967 and ending in 1980 remains a preoccupation for scholars and audiences alike in traditional accounts it is considered to be bookended by two periods of conservatism and viewed as a brief period of explosive creativity within the hollywood system from bonnie and clyde to heaven s gate it produced films that continue to be watched discussed analysed and poured over it has however also become rigidly defined as a cinema of director auteurs who made a number of aesthetically and politically significant films this has led to marginalization and exclusion of many important artists and filmmakers as well as a temporal rigidity about what and who is considered part of the new wave proper this collection seeks to reinvigorate debate around this area of film history it also looks in part to demonstrate the legacy of aesthetic experimentation and political radicalism after 1980 as part of the legacy of the new wave thanks to important new work that questions received scholarly wisdom reveals previously marginalised filmmakers and the films they made considers new genres personnel and films under the banner of new wave new hollywood and reevaluates the traditional approaches and perspectives on the films that have enjoyed most critical attention new wave new hollywood reassessment recovery legacy looks to begin a new discussion about hollywood cinema after 1967

Mechanical Wave Vibrations

2023-07-13

mechanical wave vibrations an elegant and accessible exploration of the fundamentals of the analysis and control of vibration in structures from a wave standpoint in mechanical wave vibrations analysis and control professor chunhui mei delivers an expert discussion of the wave analysis approach as opposed to the modal based approach to mechanical vibrations in structures the book begins with deriving the equations of motion using the newtonian approach based on various sign conventions before comprehensively covering the wave vibration analysis approach it concludes by exploring passive and active feedback control of mechanical vibration waves in structures the author discusses vibration analysis and control strategies from a wave standpoint and examines the applications of the presented wave vibration techniques to structures of various complexity readers will find in the book a thorough introduction to mechanical wave vibration analysis including the governing equations of various types of vibrations comprehensive explorations of waves in simple rods and beams including advanced vibration theories practical discussions of coupled waves in composite and curved beams extensive coverage of wave mode conversions in built up planar and spatial frames and networks complete treatments of passive and active feedback wave vibration control matlab scripts both in the book and in a companion solutions manual for instructors mechanical wave vibrations analysis and control is written as a textbook for both under graduate and graduate students studying mechanical aerospace automotive and civil engineering it will also benefit researchers and educators working in the areas of vibrations and waves

A Great Revolutionary Wave

2020-06-15

british columbia is often overlooked in the national story of women s struggle for political equality this book rights that wrong a great revolutionary wave follows the

propaganda campaigns undertaken by suffrage organizations and traces the role of working class women in the fight for political equality it demonstrates the connections between provincial and british suffragists and examines how racial exclusion and indigenous dispossession shaped arguments and tactics for enfranchisement lara campbell rethinks the complex legacy of suffrage and traces the successes and limitations of women s historical fight for political equality that legacy remains relevant today as canadians continue to grapple with the meaning of justice inclusion and equality

Electromagnetic Radiation, Scattering, and Diffraction

2021-12-21

electromagnetic radiation scattering and diffraction discover a graduate level text for students specializing in electromagnetic wave radiation scattering and diffraction for engineering applications in electromagnetic radiation scattering and diffraction distinguished authors drs prabhakar h pathak and robert j burkholder deliver a thorough exploration of the behavior of electromagnetic fields in radiation scattering and guided wave environments the book tackles its subject from first principles and includes coverage of low and high frequencies it stresses physical interpretations of the electromagnetic wave phenomena along with their underlying mathematics the authors emphasize fundamental principles and provide numerous examples to illustrate the concepts contained within students with a limited undergraduate electromagnetic background will rapidly and systematically advance their understanding of electromagnetic wave theory until they can complete useful and important graduate level work on electromagnetic wave problems electromagnetic radiation scattering and diffraction also serves as a practical companion for students trying to simulate problems with commercial em software and trying to better

interpret their results readers will also benefit from the breadth and depth of topics such as basic equations governing all electromagnetic em phenomena at macroscopic scales are presented systematically stationary and relativistic moving boundary conditions are developed waves in planar multilayered isotropic and anisotropic media are analyzed em theorems are introduced and applied to a variety of useful antenna problems modal techniques are presented for analyzing guided wave and periodic structures potential theory and green s function methods are developed to treat interior and exterior em problems asymptotic high frequency methods are developed for evaluating radiation integrals to extract ray fields edge and surface diffracted ray fields as well as surface leaky and lateral wave fields are obtained a collective ray analysis for finite conformal antenna phased arrays is developed em beams are introduced and provide useful basis functions integral equations and their numerical solutions via the method of moments are developed the fast multipole method is presented low frequency breakdown is studied characteristic modes are discussed perfect for graduate students studying electromagnetic theory electromagnetic radiation scattering and diffraction is an invaluable resource for professional electromagnetic engineers and researchers working in this area

The First Green Wave

2014-11-15

in the first green wave ryan o connor traces the rise of the environmental movement in toronto home to one of canada s earliest and most dynamic communities of environmental activists from the mid 1960s to the mid 1980s at the heart of the story is pollution probe an organization founded in 1969 by students and faculty at the university of toronto living up to its motto do it in its first year of operation pollution probe confronted toronto s city hall over its use of pesticides ontario

hydro over air pollution and the detergent industry over pollution of the great lakes the organization s successes inspired the founding of other environmental organizations across canada and led to the development of initiatives now taken for granted such as waste reduction and energy policy this book describes the heady days of canada s early environmental movement and examines the forces that reshaped the activist landscape in the 1980s

Feeling Feminism

2022-04-15

from beauty pageant protests to fire bombings of pornographic video stores emotions are a powerful but often unexamined force underlying feminist activism feeling feminism examines the ways in which anger rage joy and hopefulness shaped and nourished second wave feminist theorizing and action across canada drawing on affect theory to convey the passion sense of possibility and collective political commitment that has characterized feminism contributors reveal its full impact on contemporary canada and highlight the contested sometimes exclusionary nature of the movement itself the insights in this remarkable collection show the power of emotions desires and actions to transform the world

Substrate-Integrated Millimeter-Wave Antennas for Next-Generation Communication and Radar Systems

2021-05-18

substrate integrated millimeter wave antennas for next generation communication and

radar systems the first and only comprehensive text on substrate integrated mmw antenna technology state of the art antenna design and emerging wireless applications substrate integrated millimeter wave antennas for next generation communication and radar systems elaborates the most important topics related to revolutionary millimeter wave mmw technology following a clear description of fundamental concepts including substrate integrated waveguides and loss analysis the text treats key design methods prototyping techniques and experimental setup and testing the authors also highlight applications of mmw antennas in 5g wireless communication and next generation radar systems readers are prepared to put techniques into practice through practical discussions of how to set up testing for impedance matching radiation patterns gain from 24ghz up to 325 ghz and more this book will bring readers state of the art designs and recent progress in substrate integrated mmw antennas for emerging wireless applications substrate integrated millimeter wave antennas for next generation communication and radar systems is the first comprehensive text on the topic allowing readers to quickly master mmw technology this book introduces basic concepts such as metamaterials huygens s surface zero index structures and pattern synthesis describes prototyping in the form of fabrication based on printed circuit board low temperature co fired ceramic and micromachining explores applications for next generation radar and imaging systems such as 24 ghz and 77 ghz vehicular radar systems elaborates design methods including waveguide based feeding network three dimensional feeding structure dielectric loaded aperture antenna element and low sidelobe synthesis the mmw is one of today s most important emerging technologies this book provides graduate students researchers and engineers with the knowledge they need to deploy mmw systems and develop new antenna designs with low cost low loss and low complexity

The New Wave Cinema in Iran

2022-06-02

the new wave cinema in iran is a historical and analytical study of the iranian new wave cinema mo'ajezeh as an artistic and intellectual movement that came to its best early productions between 1958 and 1978 as the movement has a long history parviz jahed focuses on the development and the early progression of the movement in the 1960s and explores its emergence and development in the context of the cultural and social conditions of iran during this period jahed first defines the term new wave in iran s film culture in order to identify the root elements that gave traction to this movement he analyses the degree to which different elements and factors have contributed to the formation of this cinema accounting for the different approaches of iranian intellectual filmmakers towards modernity and a modern form of cinema in iran the book finishes by studying the works of three intellectual figures and influential filmmakers of the 1960s ebrahim golestan farrokh ghaffari and feraydoon rahnama who are arguably considered the forerunners of the new wave cinema in iran

Front-Wave Boomers

2022-05-15

boomers are heading into very old age following a pandemic a time of overt ageism and deficient eldercare the front wave now in their seventies are on the brink of life changes that will challenge everyone family friends and the health care system too recognizing the dire need to meet these challenges gillian ranson investigates what they are doing to prepare for old age regardless of their situation well off or

struggling partnered or on their own front wave boomers share one thing the need for intimate caring social ties many of them are making these connections with creativity and resilience their stories hold lessons for us all

Electromagnetic Vortices

2021-12-29

discover the most recent advances in electromagnetic vortices in electromagnetic vortices wave phenomena and engineering applications a team of distinguished researchers delivers a cutting edge treatment of electromagnetic vortex waves including their theoretical foundation related wave properties and several potentially transformative applications the book is divided into three parts the editors first include resources that describe the generation sorting and manipulation of vortex waves as well as descriptions of interesting wave behavior in the infrared and optical regimes with custom designed nanostructures they then discuss the generation multiplexing and propagation of vortex waves at the microwave and millimeter wave frequencies finally the selected contributions discuss several representative practical applications of vortex waves from a system perspective with coverage that incorporates demonstration examples from a wide range of related sub areas this essential edited volume also offers thorough introductions to the generation of optical vortex beams and transformation optical vortex wave synthesizers comprehensive explorations of millimeter wave metasurfaces for high capacity and broadband generation of vector vortex beams as well as orbital angular momentum oam detection and its observation in second harmonic generations practical discussions of microwave spp circuits and coding metasurfaces for vortex beam generation and oam based structured radio beams and their applications in depth examinations and explorations of oam multiplexing for wireless communications

wireless power transmission as well as quantum communications and simulations perfect for students of wireless communications antenna rf design optical communications and nanophotonics electromagnetic vortices wave phenomena and engineering applications is also an indispensable resource for researchers in academia at large defense contractors and in government labs

The Physics and Mathematics of Electromagnetic Wave Propagation in Cellular Wireless Communication

2018-07-18

an important resource that examines the physical aspects of wireless communications based on mathematical and physical evidence the physics and mathematics of electromagnetic wave propagation in cellular wireless communication describes the electromagnetic principles for designing a cellular wireless system and includes the subtle electromagnetic principles that are often overlooked in designing such a system this important text explores both the physics and mathematical concepts used in deploying antennas for transmission and reception of electromagnetic signals and examines how to select the proper methodology from a wide range of scenarios in this much needed guide the authors noted experts in the field explore the principle of electromagnetics as developed through the maxwellian principles and describe the properties of an antenna in the frequency domain the text also includes a review of the characterization of propagation path loss in a cellular wireless environment and examines ultrawideband antennas and the mechanisms of broadband transmission of both power and information this important resource includes a discussion of the shortcomings of a mimo system from both theoretical and practical aspects demonstrates how to deploy base station antennas with better efficiency validates the

principle and the theoretical analysis of electromagnetic propagation in cellular wireless communication contains results of experiments that are solidly grounded in mathematics and physics written for engineers researchers and educators who are or plan to work in the field the physics and mathematics of electromagnetic wave propagation in cellular wireless communication offers an essential resource for understanding the principles underpinning wireless communications

VFX Fundamentals

2016-08-12

learn concepts central to visual special effects using the free black magic design fusion 8.0 software package this book also provides foundational background information regarding concepts central to digital image compositing digital video editing digital illustration digital painting 3d and digital audio in the first six chapters on new media theory concepts and terminology this book builds on the foundational concepts of digital image compositing digital audio digital video digital illustration and digital painting vfx fundamentals introduces more advanced vfx concepts and pipelines as the chapters progress covering topics such as flow node compositing timeline animation animated polyline masking bluescreen and greenscreen matte pulling generation using primatte and fusion 8 ultra keyer motion tracking 3d rendering and compositing auxiliary channels and particle systems and particle physics dynamics among other topics but what you will learn see the new media components raster vector audio video rendering needed for vfx discover the concepts behind the vfx content production workflow install and utilize black magic design fusion 8 and its visual programming language master the concepts behind resolution aspect ratio bit rate color depth layers alpha and masking work with 2d vfx concepts such as animated masking matte pulling primatte v and motion tracking harness 3d vfx concepts

such as 3d geometry materials lighting animation and auxiliary channels use advanced vfx concepts such as particle systems animation using real world physics forces who this book is for div sfx artists vfx artists video editors website developers filmmakers 2d and 3d animators digital signage producers e learning content creators game developers multimedia producers

Ordinary Differential Equations

2018-01-22

this introductory text combines models from physics and biology with rigorous reasoning in describing the theory of ordinary differential equations along with applications and computer simulations with maple offering a concise course in the theory of ordinary differential equations it also enables the reader to enter the field of computer simulations thus it is a valuable read for students in mathematics as well as in physics and engineering it is also addressed to all those interested in mathematical modeling with ordinary differential equations and systems contents part i theory chapter 1 first order differential equations chapter 2 linear differential systems chapter 3 second order differential equations chapter 4 nonlinear differential equations chapter 5 stability of solutions chapter 6 differential systems with control parameters part ii exercises seminar 1 classes of first order differential equations seminar 2 mathematical modeling with differential equations seminar 3 linear differential systems seminar 4 second order differential equations seminar 5 gronwall s inequality seminar 6 method of successive approximations seminar 7 stability of solutions part iii maple codelab 1 introduction to maple lab 2 differential equations with maple lab 3 linear differential systems lab 4 second order differential equations lab 5 nonlinear differential systems lab 6 numerical computation of solutions lab 7 writing custom maple programs lab 8 differential

systems with control parameters

Attractors and Methods

2018-07-09

this two volume work presents state of the art mathematical theories and results on infinite dimensional dynamical systems inertial manifolds approximate inertial manifolds discrete attractors and the dynamics of small dissipation are discussed in detail the unique combination of mathematical rigor and physical background makes this work an essential reference for researchers and graduate students in applied mathematics and physics the main emphasis in the first volume is on the existence and properties for attractors and inertial manifolds this volume highlights the use of modern analytical tools and methods such as the geometric measure method center manifold theory in infinite dimensions the melnikov method spectral analysis and so on for infinite dimensional dynamical systems the second volume includes the properties of global attractors the calculation of discrete attractors structures of small dissipative dynamical systems and the existence and stability of solitary waves contents discrete attractor and approximate calculation some properties of global attractor structures of small dissipative dynamical systems existence and stability of solitary waves

Ukrainian Erotomaniac Fictions: First Postindependence Wave

2019-04-25

ukrainian erotomaniac fictions explores the aggressive sexualization of the ukrainian cultural mainstream after the collapse of the ussr as a counter reaction to the soviet state s totalitarian repressive politics of the body while the book s introduction includes concise sections on such pornified cultural forms as advertising mass media visual art and film its major focus is on textual production that has contributed significantly to the literary explosion in ukraine which began in the 1990s drawing on cultural postcolonial feminist and gender theories the book examines transgressive potentials of the erotic under postcolonial postcommunist and post totalitarian conditions it offers insight into the convoluted dialectics between the imported conventions of western porno chic and the received oppressive soviet gender and sexual ideologies within a broad historical and cultural framework the study considers writers engagements in dialogues with their own tradition and colonial legacy as well as with a variety of transcultural flows by bringing together diverse erotomaniac fictions maryna romanets charts the ways in which they are embedded in the processes of ukraine s cultural decolonization

Computational Acoustics

2018-01-02

covers the theory and practice of innovative new approaches to modelling acoustic propagation there are as many types of acoustic phenomena as there are media from longitudinal pressure waves in a fluid to s and p waves in seismology this text focuses on the application of computational methods to the fields of linear acoustics techniques for solving the linear wave equation in homogeneous medium are explored in depth as are techniques for modelling wave propagation in inhomogeneous and anisotropic fluid medium from a source and scattering from objects written for both students and working engineers this book features a unique pedagogical approach to

acquainting readers with innovative numerical methods for developing computational procedures for solving problems in acoustics and for understanding linear acoustic propagation and scattering chapters follow a consistent format beginning with a presentation of modelling paradigms followed by descriptions of numerical methods appropriate to each paradigm along the way important implementation issues are discussed and examples are provided as are exercises and references to suggested readings classic methods and approaches are explored throughout along with comments on modern advances and novel modeling approaches bridges the gap between theory and implementation and features examples illustrating the use of the methods described provides complete derivations and explanations of recent research trends in order to provide readers with a deep understanding of novel techniques and methods features a systematic presentation appropriate for advanced students as well as working professionals references suggested reading and fully worked problems are provided throughout an indispensable learning tool reference that readers will find useful throughout their academic and professional careers this book is both a supplemental text for graduate students in physics and engineering interested in acoustics and a valuable working resource for engineers in an array of industries including defense medicine architecture civil engineering aerospace biotech and more

Solitons

2018-03-19

this book provides an up to date overview of mathematical theories and research results on solitons presenting related mathematical methods and applications as well as numerical experiments different types of soliton equations are covered along with their dynamical behaviors and applications from physics making the book an essential reference for researchers and graduate students in applied mathematics and physics

contents introduction inverse scattering transform asymptotic behavior to initial value problems for some integrable evolution nonlinear equations interaction of solitons and its asymptotic properties hirota method bäcklund transformations and the infinitely many conservation laws multi dimensional solitons and their stability numerical computation methods for some nonlinear evolution equations the geometric theory of solitons global existence and blow up for the nonlinear evolution equations the soliton movements of elementary particles in nonlinear quantum field the theory of soliton movement of superconductive features the soliton movements in condensed state systemsontents

The Open Organization

2016-02-17

what is it that makes certain organizations more successful organization design and its management has long been the fixation of leaders and scholars alike cracking the code to the perfect organizational ecosystem appears to be the dividing line between great success and mediocrity the 21st century launched with great volatility and a level of cultural and global diversity unknown by previous generations this instability demands new approaches and methods for the delivery of products services and ideas we can no longer afford to run organizations with 19th and 20th century ideas the pressures of shifting demographics culture and technology require new approaches to organizational leadership and structures welcome to the era of the open organization the open organization a new era of leadership and organizational development by dr philip a foster is divided into three distinct parts the first explores the foundations of an open organization covering the evolution of leadership and organization theories from the beginning of known time through to the 21st century the second discusses the elements of such an organization presenting the

ecosystem of an open system with its structure culture and decision making functions while the third examines the 21st century organization questioning who should go open and reviewing the reality of creating this type of organization understanding control and resistance and addressing the matter of bringing about change

Security in Autonomous Driving

2020-10-12

autonomous driving is an emerging field vehicles are equipped with different systems such as radar lidar gps etc that enable the vehicle to make decisions and navigate without user s input but there are still concerns regarding safety and security this book analyses the security needs and solutions which are beneficial to autonomous driving

Innovating Professional Services

2015-05-28

innovating professional services provides a practical and detailed guide for change agents and leaders who are seeking to transform their firm s performance through innovation alastair ross draws heavily on his 10 years of applying best practice techniques that created measurable improvements for leading law business service and consulting firms multiple case studies are used to help demonstrate the opportunities and challenges of driving major improvement through innovation read this book to see how it is possible to increase client value and reduce cost

Real World Color Management

2004-09-08

every graphics professional worth his or her salt knows the importance of color management no matter how much thought artist and client put into the color scheme for a given project all of that work is for naught if you can't get your results to match your expectations enter real world color management second edition in this thoroughly updated under the hood reference authors bruce fraser chris murphy and fred bunting draw on their years of professional experience to show you everything you need to know about color management whether your final destination is print or film real world color management second edition takes the mystery out of color management covering everything from color theory and color models to understanding how devices interpret and display color you'll find expert advice for building and fine tuning color profiles for input and output devices digital cameras and scanners displays printers and more selecting the right color management workflow and managing color within and across major design applications get real world color management second edition and get ready to dazzle

Building Hybrid Android Apps with Java and JavaScript

2013-07-23

build html5 based hybrid applications for android with a mix of native java and javascript components without using third party libraries and wrappers such as phonegap or titanium this concise hands on book takes you through the entire process from setting up your development environment to deploying your product to an app

store learn how to create apps that have access to native apis such as location vibrator sensors and the camera using a javascript java bridge and choose the language that gives you better performance for each task if you have experience with html5 and javascript you ll quickly discover why hybrid app development is the wave of the future set up a development environment with html css and javascript tools create your first hybrid android project using eclipse ide use the webview control to host your hybrid application explore hybrid application architecture including javascript java communication build single page applications using javascript libraries such as backbone and underscore get optimization tips and useful snippets for css dom and javascript distribute your application to google play and the amazon appstore

Attractors and Inertial Manifolds

2018-07-09

this two volume work presents state of the art mathematical theories and results on infinite dimensional dynamical systems inertial manifolds approximate inertial manifolds discrete attractors and the dynamics of small dissipation are discussed in detail the unique combination of mathematical rigor and physical background makes this work an essential reference for researchers and graduate students in applied mathematics and physics the main emphasis in the first volume is on the mathematical analysis of attractors and inertial manifolds this volume deals with the existence of global attractors inertial manifolds and with the estimation of hausdorff fractal dimension for some dissipative nonlinear evolution equations in modern physics known as well as many new results about the existence regularity and properties of inertial manifolds and approximate inertial manifolds are also presented in the first volume the second volume will be devoted to modern analytical tools and methods in infinite

dimensional dynamical systems contents attractor and its dimension estimation
inertial manifold the approximate inertial manifold

ePub - Leading Issues in Social Knowledge Management

2012-01-01

perhaps one of the most surprising if not actually unsettling things about the internet and the is that there is always something new on the horizon and that it is very difficult to see where this new technology will take us when ict was just about big computers and organisational systems it was pretty obvious where the technology was moving us we all knew about moore s law and that we were going to have greater capacity smaller and faster devices every year and during the 1990s and the first decade of the third millennium we all became used to what the internet and the had to offer but social software in the form of 2 0 is different it has put technology in the hands of people who we would never have given it a second thought a few years ago leading issues in social knowledge management contains leading edge research which addresses some of the main issues for those of us who want to use social software in a knowledge management context or who want to study it or research it there are 10 research papers as well as an introduction from david gurteen who is a leading thinker in this field

Temporary Agency Work and Globalisation

2015-04-28

despite its geographic and industry expansion as part of the ongoing globalisation of

service activity temporary agency work tax is relatively understudied tax is characterised by a distinct triangular structure where workers are typically hired by staffing or employment agencies while being dispatched to firms that use them as a type of temporary or non regular labour this agency mediated labour dispatching as a newly institutionalised industry has registered rapid growth rates over recent decades across vast swathes of the globe to a great degree tax is part of a wider structural transformation of work and employment under neoliberalism arguably controversy over the expanding non regular workforce is at its most acute when it comes to unsavoury labour selling practices in this connection tax is an exemplary field in which to examine today's flexible capitalism and its concomitant phenomenon i.e. inequality featuring holistic and interdisciplinary perspectives this edited collection provides a comprehensive overview of tax in an international context it reveals how the tax industry is intertwined with the changing relationship between the state corporations and labour unions at the institutional structural level and also the perceptions and experiences of ordinary workers in everyday practice by combining global and local forces macro and micro levels of analysis and theoretical and empirical investigations the book offers fresh insights into recurring issues of labour flexibility and inequality contributes to practical applications and facilitates fruitful cross national collaborations

Digital Video Editing Fundamentals

2016-04-13

gain concepts central to digital video using the affordable corel video studio ultimate x9 software package as well as open source digital video editing package editshare lightworks 12 this compact visual guide builds on the essential concepts of digital imaging audio illustration and painting and gets more advanced as chapters

progress covering what digital video new media formats are best for use with android studio java and javafx ios and html5 furthermore digital video editing fundamentals covers the key factors of the data footprint optimization work process streaming versus captive assets and why these are important what you ll learn create a digital video editing and effects pipeline gain knowledge of the concepts behind digital video editing work with resolution aspect ratio bit rate and color depth use pixel editing color correction layers and compression optimize data footprints who this book is for website developers musicians digital signage e learning content creators android developers and ios developers

Phononic Crystals

2015-09-14

phononic crystals are artificial periodic structures that can alter efficiently the flow of sound acoustic waves or elastic waves they were introduced about twenty years ago and have gained increasing interest since then both because of their amazing physical properties and because of their potential applications the topic of phononic crystals stands as the cross road of physics condensed matter physics wave propagation in inhomogeneous and periodic media and engineering acoustics ultrasonics mechanical engineering electrical engineering phononic crystals cover a wide range of scales from meter size periodic structures for sound in air to nanometer size structures for information processing or thermal phonon control in integrated circuits phononic crystals have a definite relation with the topic of photonic crystals in optics the marriage of phononic and photonic crystals also provides a promising structural basis for enhanced sound and light interaction as the topic is getting popular it is nowadays presented and discussed at various international conferences after the first ten years during which the topic has remained mainly

theoretical with a few proof of concept demonstrations in the literature the evolution has been towards applications instrumentation and novel designs the physical explanations for various effects are now well understood and efficient numerical methods and analysis tools have been developed the book contains a comprehensive set of finite element model fem scripts for solving basic phononic crystal problems the scripts are short easy to read and efficient allowing the reader to generate for him her self band structures for 2d and 3d phononic crystals to compute bloch waves waveguide and cavity modes and more

Multi-Component Crystals

2017-11-20

in this volume contributions covering the theoretical and practical aspects of multicomponent crystals provide a timely and contemporary overview of the state of the art of this vital aspect of crystal engineering materials science with a solid foundation in fundamentals multi component crystals can be formed for example to enhance pharmaceutical properties of drugs for the specific control of optical responses to external stimuli and to assemble molecules to allow chemical reactions that are generally intractable following conventional methods contents pharmaceutical co crystals crystal engineering and applications pharmaceutical multi component crystals improving the efficacy of anti tuberculous agents qualitative and quantitative crystal engineering of multi functional co crystals control of photochromism in n salicylideneaniline by crystal engineering quinoline derivatives for multi component crystals principles and applications n oxides in multi component crystals and in bottom up synthesis and applications multi component crystals and non ambient conditions co crystals for solid state reactivity and thermal expansion solution co crystallisation and its applications the salt co crystal continuum in

halogen bonded systems large horizontal displacements of benzene benzene stacking interactions in co crystals simultaneous halogen and hydrogen bonding to carbonyl and thiocarbonyl functionality crystal chemistry of the isomeric n n bis pyridin n ylmethyl ethanediamides n 2 3 or 4 solute solvent interactions mediated by main group element lone pair π aryl interactions

The New Wave of British Women Playwrights

2023-01-30

it is a fact that today s british stages resound with powerfully innovative voices and that very often these voices have been those of young women playwrights this collection of essays gives visibility and pride of place to these fascinating voices by exploring the vitality inventiveness and particularly strong relevance of these poetics these women playwrights sometimes invent radically new forms and sometimes experiment with conventional ones in fresh and unexpected ways as for example when they re energize naturalism and provide it with new missions the plays that are addressed are all concerned with the necessity to grasp the complexity of the contemporary world and to further investigate what it means to be human intimate or epic and sometimes both at once visionary or closer to everyday life these plays approach the contemporary world through a multitude of prisms historical scientific political and poetic and open different and visionary perspectives

India for a Billion Reasons

2011-02-02

india a land of a billion people a nation for a billion reasons india continues to mesmerise and surprise the rest of the world as much as she enchants and bewilders her own people an ancient civilisation and a young nation at once modern india is a thriving democracy an economic powerhouse an increasingly assertive global political player and a world leader in science and technology at the same time she remains rooted in tradition her art culture and literature continue to enrich her mind body and soul as also of the rest of humanity this superbly crafted book adorned with rich and spontaneous photographs unravels the beauty and enigma of india and her people in an unusually simple and uncomplicated manner thereby providing an overview of what constitutes this great nation

The US Navy in World War II

2012-08-20

in 1941 the us navy had 17 battleships of which eight would be knocked out on the first day of the war four aircraft carriers and about 340 000 men including reservists pearl harbor so weakened it that it was unable to prevent the japanese capture of the philippines and a vast sweep of pacific islands by 1945 it was the strongest navy the world had ever seen with nearly 100 carriers 41 000 aircraft and 3 3 million men the unrivalled master of air sea and amphibious operations it was poised to invade japan s home islands after reducing her fleet to scrap and her pacific empire to impotence and starvation this extraordinary story is illustrated here with dramatic photos and nine meticulous colour plates showing a wide range of usn uniforms

Teacher Learning in the Digital Age

2016-03-29

with an emphasis on science technology engineering and mathematics stem training teacher learning in the digital age examines exemplary models of online and blended teacher professional development including information on the structure and design of each model intended audience and existing research and evaluation data from video based courses to just in time curriculum support platforms and moocs for educators the cutting edge initiatives described in these chapters illustrate the broad range of innovative programs that have emerged to support preservice and in service teachers in formal and informal settings as teacher development moves online the editors argue it s important to ask what works and what doesn t and for whom they address these questions by gathering the feedback of many of the top researchers developers and providers working in the field today filled with abundant resources teacher learning in the digital age reveals critical lessons and insights for designers researchers and educators in search of the most efficient and effective ways to leverage technology to support formal as well as informal teacher learning

I Am a Feminist

2019-05-07

what is feminism why does it still matter what exactly does intersectionality mean in order to answer these and many other questions i am a feminist first examines the history of feminism and then addresses the issues girls and women continue to face today the book also looks at the ways in which people especially young people are

working together to create a world where gender equality is a reality not a dream the author shares stories about the courageous individuals who have made a difference in the lives of women and girls worldwide from suffragists to the metoo movement i am a feminist encourages readers to stand up and speak out for equality and justice

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