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The Two-Dimensional Ising ModelOffshore Site InvestigationDr. Ecco: Mathematical DetectiveOrganic Photochromic and Thermochromic CompoundsSite Index Curves for Young-growth Incense-cedar of the Westside Sierra NevadaHubbard Model and Anyon SuperconductivityHome MissionaryGeneralized Etale Cohomology TheoriesTundra EcosystemsQuantum Control of Molecular ProcessesThe Challenges of Dam Removal and River RestorationAdvances in Chemical PhysicsDissipative Phenomena in Condensed MatterSoft Computing Models in Industrial and Environmental ApplicationsIntroduction to Practice of Molecular SimulationMultiobjective Programming and PlanningStatistical PhysicsModels for Planning Wildlife Conservation in Large LandscapesNKJV, The NKJV Study Bible, eBookFibrinolysis in Disease - The Malignant Process, Interventions in Thrombogenic Mechanisms, and Novel Treatment ModalitiesAlgorithms and Theory of Computation HandbookHandbook of Crystal GrowthFormal Techniques for Distributed SystemsLocation Covering ModelsImplant Site DevelopmentAn Arabic-English Lexicon Derived from the Best and the Most Copious Eastern Sources Composed by Means of the Munificence of the Most Noble Algernon and the Bounty of the British Government by Edward William LaneNetwork and Discrete LocationElements of Distributed AlgorithmsIntroduction To Percolation TheoryCooperativity and Regulation in Biochemical ProcessesJournal of the Physical Society of JapanEmerging Technologies of Text Mining: Techniques and

ApplicationsStatistical MechanicsBiotechnology for Waste Management and Site RestorationStatistical MechanicsCurrent Housing ReportsPerl Web Site WorkshopHandbook of Surface Plasmon ResonanceStatistical Analysis of Environmental Space-Time ProcessesThe Phylogenetic Handbook

The Two-Dimensional Ising Model

Distributed Computing is rapidly becoming the principal computing paradigm in diverse areas of computing, communication, and control. Processor clusters, local and wide area networks, and the information highway evolved a new kind of problems which can be solved with distributed algorithms. In this textbook a variety of distributed algorithms are presented independently of particular programming languages or hardware, using the graphically suggestive technique of Petri nets which is both easy to comprehend intuitively and formally rigorous. By means of temporal logic the author provides surprisingly simple yet powerful correctness proofs for the algorithms. The scope of the book ranges from distributed control and synchronization of two sites up to algorithms on any kind of networks. Numerous examples show that description and analysis of distributed algorithms in this framework are intuitive and technically transparent.

Offshore Site Investigation

c. P. Wroth, Oxford University, UK I am grateful to the Organising Committee that were covered on the first day. First, we for the invitation to attempt to sum up the had Dr Riemersma talking about positioning proceedings. Summing up is not really the requirements, and it seemed to me to be an appropriate phrase - it is a difficult job to unhappy reflection on human frailty that he do justice in a summary to the amount of was concentrating so much on the errors in material that has been presented over the the system and on the human factors that two days of the conference. Clearly, each led to trouble, emphasizing that the techni paper merits further individual attention in ques are vastly superior to the ability of the order to reflect on its content. What I am human beings who used them. Then, Dr going to say must necessarily be an unbal Palmer talked about a fascinating case his anced critique, because we are considering a tory of the Ocean Thermal Power Project; whole range of knowledge and experience in this was of particular interest because most a wide diversity of topics, and my comments of the other stories we heard were not so are bound to be biased by my own interests. specific and not about such a novel project.

Dr. Ecco: Mathematical Detective

This text takes a broad view of multiobjective programming, emphasizing the methods most useful for continuous problems. It reviews methods in the context of

public decision-making problems. 1978 edition.

Organic Photochromic and Thermochromic Compounds

The NKJV Study Bible, Second Edition is the most comprehensive study Bible available! It has the most complete study system for pastors, teachers, or students who desire accurate study in God's Word. Using the trusted New King James Version, The NKJV Study Bible has "the mind of a scholar and the heart of a pastor." Thomas Nelson's skilled team of scholars has produced the study system to reach for when accurate study in God's Word is the goal. Features include: More than 15,000 verse-by-verse study notes 150 Bible times and culture notes 114 articles on key Bible doctrines 350 word studies with Strong's numbers "Christ in the Scriptures" feature Topical index Deluxe Nelson concordance Full-color maps Part of the Signature Series line of Thomas Nelson Bibles NKJV Study Bibles sold to date: More than 1.3 million The New King James Version® - More than 60 million copies sold

Site Index Curves for Young-growth Incense-cedar of the Westside Sierra Nevada

Hubbard Model and Anyon Superconductivity

A reference and text, Dissipative Phenomena treats the broadly applicable area of nonequilibrium statistical physics and concentrates the modelling and characterization of dissipative phenomena. A variety of examples from diverse disciplines, such as condensed matter physics, materials science, metallurgy, chemical physics, are discussed. Dattagupta employs a broad framework of stochastic processes and master equation techniques to obtain models for a range of experimentally relevant phenomena such as classical and quantum Brownian motion, spin dynamics, kinetics of phase ordering, relaxation in glasses, and dissipative tunnelling. This book will serve as a graduate/research level textbook since it offers considerable utility to experimentalists, computational physicists and theorists.

Home Missionary

A single-resource volume of information on the most current and effective techniques of wildlife modeling, Models for Planning Wildlife Conservation in Large Landscapes is appropriate for students and researchers alike. The unique blend of conceptual, methodological, and application chapters discusses research, applications and concepts of modeling and presents new ideas and strategies for

wildlife habitat models used in conservation planning. The book makes important contributions to wildlife conservation of animals in several ways: (1) it highlights historical and contemporary advancements in the development of wildlife habitat models and their implementation in conservation planning; (2) it provides practical advice for the ecologist conducting such studies; and (3) it supplies directions for future research including new strategies for successful studies. Intended to provide a recipe for successful development of wildlife habitat models and their implementation in conservation planning, the book could be used in studying wildlife habitat models, conservation planning, and management techniques. Additionally it may be a supplemental text in courses dealing with quantitative assessment of wildlife populations. Additionally, the length of the book would be ideal for graduate student seminar course. Using wildlife habitat models in conservation planning is of considerable interest to wildlife biologists. With ever tightening budgets for wildlife research and planning activities, there is a growing need to use computer methods. Use of simulation models represents the single best alternative. However, it is imperative that these techniques be described in a single source. Moreover, biologists should be made aware of alternative modeling techniques. It is also important that practical guidance be provided to biologists along with a demonstration of utility of these procedures. Currently there is little guidance in the wildlife or natural resource planning literature on how best to incorporate wildlife planning activities, particularly community-based approaches. Now is the perfect time for a synthestic publication that clearly outlines the

concepts and available methods, and illustrates them. Only single resource book of information not only on various wildlife modeling techniques, but also with practical guidance on the demonstrated utility of each based on real-world conditions. Provides concepts, methods and applications for wildlife ecologists and others within a GIS context. Written by a team of subject-area experts

Generalized Etale Cohomology Theories

Praise for the First Edition This book is refreshing to read since it takes an important topic and presents it in a clear and concise manner by using examples that include visual presentations of the problem, solution methods, and results along with an explanation of the mathematical and procedural steps required to model the problem and work through to a solution." —Journal of Classification Thoroughly updated and revised, Network and Discrete Location: Models, Algorithms, and Applications, Second Edition remains the go-to guide on facility location modeling. The book offers a unique introduction to methodological tools for solving location models and provides insight into when each approach is useful and what information can be obtained. The Second Edition focuses on real-world extensions of the basic models used in locating facilities, including production and distribution systems, location-inventory models, and defender-interdictor problems. A unique taxonomy of location problems and models is also presented. Featuring examples using the author's own software—SITATION, MOD-DIST, and

MENU-OKF—as well as Microsoft Office® Excel®, the book provides: • A theoretical and applied perspective on location models and algorithms • An intuitive presentation of the uses and limits of modeling techniques • An introduction to integrated location-inventory modeling and defender-interdictor models for the design of reliable facility location systems • A full range of exercises to equip readers with an understanding of the basic facility location model types Network and Discrete Location: Models, Algorithms, and Applications, Second Edition is an essential resource for practitioners in applied and discrete mathematics, operations research, industrial engineering, and quantitative geography. The book is also a useful textbook for upper-level undergraduate, graduate, and MBA courses.

Tundra Ecosystems

Quantum Control of Molecular Processes

Detailed reviews of new and emerging topics in chemical physics presented by leading experts The Advances in Chemical Physics series is dedicated to reviewing new and emerging topics as well as the latest developments in traditional areas of study in the field of chemical physics. Each volume features detailed

comprehensive analyses coupled with individual points of view that integrate the many disciplines of science that are needed for a full understanding of chemical physics. Volume 153 of Advances in Chemical Physics features six expertly written contributions: Recent advances of ultrafast X-ray absorption spectroscopy for molecules in solution Scaling perspective on intramolecular vibrational energy flow: analogies, insights, and challenges Longest relaxation time of relaxation processes for classical and quantum Brownian motion in a potential escape rate theory approach Local fluctuations in solution: theory and applications Macroscopic effects of microscopic heterogeneity Ab initio methodology for pseudospin Hamiltonians of anisotropic magnetic centers Reviews published in Advances in Chemical Physics are typically longer than those published in journals, providing the space needed for readers to fully grasp the topic: the fundamentals as well as the latest discoveries, applications, and emerging avenues of research. Extensive cross-referencing enables readers to explore the primary research studies underlying each topic. Advances in Chemical Physics is ideal for introducing novices to topics in chemical physics. Moreover, the series provides the foundation needed for more experienced researchers to advance their own research studies and continue to expand the boundaries of our knowledge in chemical physics.

The Challenges of Dam Removal and River Restoration

This is the first book that attempts to study the origin of cooperatvity in binding

systems from the molecular point of view. The molecular approach provides a deeper insight into the mechanism of cooperativity and regulation, than the traditional phenomenological approach. This book uses the tools of statistical mechanics to present the molecular theory of cooperativity. Cooperativity is used in a variety of processes-such as loading and unloading of oxygen at relatively small pressure differences; maintaining an almost constant concentration of various compounds in living cells; and switching on and off the reading of genetic information. This book may be used as a textbook by graduate students in Chemistry, Biochemistry and Biophysics, and will also be of interest to researchers in theoretical biochemistry.

Advances in Chemical Physics

Volume IA Handbook of Crystal Growth, 2nd Edition (Fundamentals: Thermodynamics and Kinetics) Volume IA addresses the present status of crystal growth science, and provides scientific tools for the following volumes: Volume II (Bulk Crystal Growth) and III (Thin Film Growth and Epitaxy). Volume IA highlights thermodynamics and kinetics. After historical introduction of the crystal growth, phase equilibria, defect thermodynamics, stoichiometry, and shape of crystal and structure of melt are described. Then, the most fundamental and basic aspects of crystal growth are presented, along with the theories of nucleation and growth kinetics. In addition, the simulations of crystal growth by Monte Carlo, ab initio-

based approach and colloidal assembly are thoroughly investigated. Volume IB Handbook of Crystal Growth, 2nd Edition (Fundamentals: Transport and Stability) Volume IB discusses pattern formation, a typical problem in crystal growth. In addition, an introduction to morphological stability is given and the phase-field model is explained with comparison to experiments. The field of nanocrystal growth is rapidly expanding and here the growth from vapor is presented as an example. For the advancement of life science, the crystal growth of protein and other biological molecules is indispensable and biological crystallization in nature gives many hints for their crystal growth. Another subject discussed is pharmaceutical crystal growth. To understand the crystal growth, in situ observation is extremely powerful. The observation techniques are demonstrated. Volume IA Explores phase equilibria, defect thermodynamics of Si, stoichiometry of oxides and atomistic structure of melt and alloys Explains basic ideas to understand crystal growth, equilibrium shape of crystal, rough-smooth transition of step and surface, nucleation and growth mechanisms Focuses on simulation of crystal growth by classical Monte Carlo, ab-initio based quantum mechanical approach, kinetic Monte Carlo and phase field model. Controlled colloidal assembly is presented as an experimental model for crystal growth. Volume IIB Describes morphological stability theory and phase-field model and comparison to experiments of dendritic growth Presents nanocrystal growth in vapor as well as protein crystal growth and biological crystallization Interprets mass production of pharmaceutical crystals to be understood as ordinary crystal growth and explains

crystallization of chiral molecules Demonstrates in situ observation of crystal growth in vapor, solution and melt on the ground and in space

Dissipative Phenomena in Condensed Matter

This book constitutes the refereed proceedings of the 11th IFIP WG 6.1 International Conference on Formal Methods for Open Object-Based Distributed Systems, FMOODS 2009, and 29th IFIP WG 6.1 Formal Techniques for Networked and Distributed Systems, FORTE 2009, held in Lisboa, Portugal, in June 2009. The 12 revised full papers presented together with 6 short papers were carefully reviewed and selected from 42 submissions. The papers cover topics such as formal verification, algorithms and implementations, modeling and testing, process algebra and calculus as well as analysis of distributed systems.

Soft Computing Models in Industrial and Environmental Applications

With the desire for dental implant therapy ever escalating, clinicians are faced with the challenge of augmenting deficient natural physiology to provide effective sites for implantation. Implant Site Development helps the clinician decide if, when, and how to create a ridge site amenable to implantation. This practical book offers

solutions to many implant site preservation scenarios, discussing different treatment options, timing, a variety of materials and techniques, and their application to the clinical practice. With a unique integrated clinical approach, Implant Site Development covers a range of site development techniques. Highly illustrated, Implant Site Development presents diagrams and clinical photographs to aid with clinical judgment and will prove useful for any dental professional involved in implant therapy, from general practitioners to prosthodontists, but especially surgeons. This literature-based, yet user-friendly, reference will be indispensable to the novice or veteran clinician.

Introduction to Practice of Molecular Simulation

Surface plasmon resonance (SPR) plays a dominant role in real-time interaction sensing of biomolecular binding events. This book focuses on a total system description including optics, fluidics and sensor surfaces. It covers all commercial SPR systems in the market. It is the first of its kind and fills a gap in the technical literature as no other handbook on SPR is currently available. The final chapter discussed new trends and a vision is given for future developments and needs of the SPR market. This excellent handbook provides comprehensive information with easy to use, stand-alone chapters and will be of great use to anyone one working with or affiliated to the technology.

Multiobjective Programming and Planning

This book provides a broad introduction to the subject of environmental space-time processes, addressing the role of uncertainty. It covers a spectrum of technical matters from measurement to environmental epidemiology to risk assessment. It showcases non-stationary vector-valued processes, while treating stationarity as a special case. In particular, with members of their research group the authors developed within a hierarchical Bayesian framework, the new statistical approaches presented in the book for analyzing, modeling, and monitoring environmental spatio-temporal processes. Furthermore they indicate new directions for development.

Statistical Physics

A generalized etale cohomology theory is a theory which is represented by a presheaf of spectra on an etale site for an algebraic variety, in analogy with the way an ordinary spectrum represents a cohomology theory for spaces. Examples include etale cohomology and etale K-theory. This book gives new and complete proofs of both Thomason's descent theorem for Bott periodic K-theory and the Nisnevich descent theorem. In doing so, it exposes most of the major ideas of the homotopy theory of presheaves of spectra, and generalized etale homology

theories in particular. The treatment includes, for the purpose of adequately dealing with cup product structures, a development of stable homotopy theory for n-fold spectra, which is then promoted to the level of presheaves of n-fold spectra. This book should be of interest to all researchers working in fields related to algebraic K-theory. The techniques presented here are essentially combinatorial, and hence algebraic. An extensive background in traditional stable homotopy theory is not assumed. ------ Reviews () in developing the techniques of the subject, introduces the reader to the stable homotopy category of simplicial presheaves. () This book provides the user with the first complete account which is sensitive enough to be compatible with the sort of closed model category necessary in K-theory applications (). As an application of the techniques the author gives proofs of the descent theorems of R. W. Thomason and Y. A. Nisnevich. () The book concludes with a discussion of the Lichtenbaum-Quillen conjecture (an approximation to Thomason's theorem without Bott periodicity). The recent proof of this conjecture, by V. Voevodsky, () makes this volume compulsory reading for all who want to be au fait with current trends in algebraic K-theory! - Zentralblatt MATH The presentation of these topics is highly original. The book will be very useful for any researcher interested in subjects related to algebraic K-theory. - Matematica

Models for Planning Wildlife Conservation in Large Landscapes

Several different models have recently been proposed to explain High Temperature Superconductivity. This book gives an authoritative and up-to-date review of two such proposals, namely the Hubbard and Anyon Models. This invaluable reference is a must for all physicists interested in the fast-paced revolutionary field of High Temperature Superconductivity.

NKJV, The NKJV Study Bible, eBook

Standard text covers classical statistical mechanics, quantum statistical mechanics, relation of statistical mechanics to thermodynamics, plus fluctuations, theory of imperfect gases and condensation, distribution functions and the liquid state, more.

Fibrinolysis in Disease - The Malignant Process, Interventions in Thrombogenic Mechanisms, and Novel Treatment Modalities

Biotechnology for Waste Management and Site Restoration covers: waste management - solid, gaseous, liquid; site restoration - radioactivity, organics, toxic metals; educational, economic, social and business aspects; and international collaboration. International collaboration is growing apace and many concrete projects have been started. The body of knowledge is growing. Over the long term,

it is envisaged that this international collaboration will result in a long-term scientific and technological strategy, new technologies and alternative solutions, and practical implementations of biotechnology for the nuclear and industrial sectors of the economy.

Algorithms and Theory of Computation Handbook

Fibrinolysis in Disease reviews the state of the art of basic and clincal aspects of the fibrinolytic enzyme system. The text, authored by outstanding and internationally known investigators, is presented in two books. The Malignant Process, Interventions in Thrombogenic Mechanisms, and Novel Treatment Modalities discuses the molecular biology of the system's key components and their fundamental roles in a variety of thrombotic and metabolic disorders. Molecular and Hemovascular Aspects of Fybrinolysis presents the latest findings and concepts of the association between plasminogen activator (u-PA) overexpression and abnormal growth regulation in a variety of solid tumors and in leukemia. One chapter deals with various successful interventions in thrombogenic mechanisms, ranging from exercise and diet to anticoagulants and direct and indirect thrombolytic agents. It concludes with a projection of exciting, novel treatment modalities in thrombotic and malignant diseases.

Handbook of Crystal Growth

"This book provides the most recent technical information related to the computational models of the text mining process, discussing techniques within the realms of classification, association analysis, information extraction, and clustering. Offering an innovative approach to the utilization of textual information mining to maximize competitive advantage, it will provide libraries with the defining reference on this topic"--Provided by publisher.

Formal Techniques for Distributed Systems

Algorithms and Theory of Computation Handbook is a comprehensive collection of algorithms and data structures that also covers many theoretical issues. It offers a balanced perspective that reflects the needs of practitioners, including emphasis on applications within discussions on theoretical issues. Chapters include information on finite precision issues as well as discussion of specific algorithms where algorithmic techniques are of special importance, including graph drawing, robotics, forming a VLSI chip, vision and image processing, data compression, and cryptography. The book also presents some advanced topics in combinatorial optimization and parallel/distributed computing. • applications areas where algorithms and data structuring techniques are of special importance • graph

drawing • robot algorithms • VLSI layout • vision and image processing algorithms • scheduling • electronic cash • data compression • dynamic graph algorithms • on-line algorithms • multidimensional data structures • cryptography • advanced topics in combinatorial optimization and parallel/distributed computing

Location Covering Models

In a comprehensive treatment of Statistical Mechanics from thermodynamics through the renormalization group, this book serves as the core text for a full-year graduate course in statistical mechanics at either the Masters or Ph.D. level. Each chapter contains numerous exercises, and several chapters treat special topics which can be used as the basis for student projects. The concept of scaling is introduced early and used extensively throughout the text. At the heart of the book is an extensive treatment of mean field theory, from the simplest decoupling approach, through the density matrix formalism, to self-consistent classical and quantum field theory as well as exact solutions on the Cayley tree. Proceeding beyond mean field theory, the book discusses exact mappings involving Potts models, percolation, self-avoiding walks and quenched randomness, connecting various athermal and thermal models. Computational methods such as series expansions and Monte Carlo simulations are discussed, along with exact solutions to the 1D quantum and 2D classical Ising models. The renormalization group formalism is developed, starting from real-space RG and proceeding through a

detailed treatment of Wilson's epsilon expansion. Finally the subject of Kosterlitz-Thouless systems is introduced from a historical perspective and then treated by methods due to Anderson, Kosterlitz, Thouless and Young. Altogether, this comprehensive, up-to-date, and engaging text offers an ideal package for advanced undergraduate or graduate courses or for use in self study.

Implant Site Development

The material presented in this invaluable textbook has been tested in two courses. One of these is a graduate-level survey of statistical physics; the other, a rather personal perspective on critical behavior. Thus, this book defines a progression starting at the book-learning part of graduate education and ending in the midst of topics at the research level. To supplement the research-level side the book includes some research papers. Several of these are classics in the field, including a suite of six works on self-organized criticality and complexity, a pair on diffusion-limited aggregation, some papers on correlations near critical points, a few of the basic sources on the development of the real-space renormalization group, and several papers on magnetic behavior in a plain geometry. In addition, the author has included a few of his own papers.

An Arabic-English Lexicon Derived from the Best and the Most

Copious Eastern Sources Composed by Means of the Munificence of the Most Noble Algernon and the Bounty of the British Government by Edward William Lane

This book provides a thoughtful and rigorous guide to coverage modeling, reviewing essential models, solution approaches, and related applications. Since the early developments of the Location Set Covering Problem and the Maximal Covering Location Problem, models based upon some form of coverage have been extended and applied in a number of areas, helping to improve services offered to citizens of large cities and regions. Examples include trauma care services, transit systems design, cell tower location, and many others. The book not only describes the strengths and weaknesses of currently available models, but also presents details on major developments, including solution procedures and applications, making it well suited both as a reference text and a textbook for graduate level courses.

Network and Discrete Location

Brings together the results of research programmes in Austria, Canada, U.S.A., Finland, Norway, Sweden, Greenland, U.K., Ireland, U.S.S.R. and the Antarctic describing tundra and related ecosystems in a comparative manner. Includes

sections on the abiotic, plant production and fauna components, the decomposer cycle and the utilisation and conservation of tundra.

Elements of Distributed Algorithms

Originally published in 1973, this is the definitive book on the Ising model, a mathematical model of ferromagnetism in statistical mechanics. This updated edition of the classic text features an extensive section on new developments.

Introduction To Percolation Theory

Cooperativity and Regulation in Biochemical Processes

Journal of the Physical Society of Japan

This publication is the fourth major treatise on photochromism involving organic molecules and derived systems. The first such book was edited by G.H. Brown in the Weissberger series in 1971, the second was edited by H. Durr and H. Bouas-Laurent in the Elsevier series in 1990. A third book, edited by C.B. McArdle, should

be added to the list, which focuses on the very important topic of the behavior of photochromic systems in polymer matrices.

Emerging Technologies of Text Mining: Techniques and Applications

This book presents the most important and main concepts of the molecular and microsimulation techniques. It enables readers to improve their skills in developing simulation programs by providing physical problems and sample simulation programs for them to use. Provides tools to develop skills in developing simulations programs Includes sample simulation programs for the reader to use Appendix explains Fortran and C languages in simple terms to allow the non-expert to use them

Statistical Mechanics

This volume of Advances in Intelligent and Soft Computing contains accepted papers presented at SOCO 2012, held in the beautiful and historic city of Ostrava (Czech Republic), in September 2012. Soft computing represents a collection or set of computational techniques in machine learning, computer science and some engineering disciplines, which investigate, simulate, and analyze very complex

issues and phenomena. After a through peer-review process, the SOCO 2012 International Program Committee selected 75 papers which are published in these conference proceedings, and represents an acceptance rate of 38%. In this relevant edition a special emphasis was put on the organization of special sessions. Three special sessions were organized related to relevant topics as: Soft computing models for Control Theory & Applications in Electrical Engineering, Soft computing models for biomedical signals and data processing and Advanced Soft Computing Methods in Computer Vision and Data Processing. The selection of papers was extremely rigorous in order to maintain the high quality of the conference and we would like to thank the members of the Program Committees for their hard work in the reviewing process. This is a crucial process to the creation of a high standard conference and the SOCO conference would not exist without their help.

Biotechnology for Waste Management and Site Restoration

"River restoration is a societal goal in the United States. This collection of research articles focuses on our current understanding of the impacts of removing dams and the role of dam removal in the larger context of river restoration. The papers are grouped by topic: (1) assessment of existing dams, strategies to determine impounded legacy sediments, and evaluating whether or not to remove the dam; (2) case studies of the hydrologic, sediment, and ecosystem impacts of recent dam removals; (3) assessment of river restoration by modifying flows or removing

dams; and (4) the concept of river restoration in the context of historical changes in river systems"--Provided by publisher.

Statistical Mechanics

Sample Text

Current Housing Reports

This work dealing with percolation theory clustering, criticallity, diffusion, fractals and phase transitions takes a broad approach to the subject, covering basic theory and also specialized fields like disordered systems and renormalization groups.

Perl Web Site Workshop

Handbook of Surface Plasmon Resonance

Perl Web Site Workshop is aimed at Web designers and developers who want to add Perl-based CGI applications and functions to their Web sites using pre-fabricated scripts that can quickly and easily be customized to suit their needs. It

teaches the reader how to adapt and customize pre-programmed scripts for: Forms, Guestbooks, Time displays, Link checkers and debuggers, Browser detectors, Cookies, Hit counters, User polls, Games, Publishing templates, modules, and utilities, Portals.

Statistical Analysis of Environmental Space-Time Processes

DIVThe heroic Dr. Ecco uncovers a fiendish plot in this collection of original puzzles inspired by research methods of computer science and mathematics. No sophisticated mathematical background necessary. Solutions. /div

The Phylogenetic Handbook

Written by two of the world's leading researchers in the field, this is a systematic introduction to the fundamental principles of coherent control, and to the underlying physics and chemistry. This fully updated second edition is enhanced by 80% and covers the latest techniques and applications, including nanostructures, attosecond processes, optical control of chirality, and weak and strong field quantum control. Developments and challenges in decoherence-sensitive condensed phase control as well as in bimolecular control are clearly described. Indispensable for atomic, molecular and chemical physicists, physical chemists,

materials scientists and nanotechnologists.

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION