

## Ellipse Of Uncertainty An Introduction To Postmodern Fantasy

Geodesy is the science dealing with the determination of the position of points in space, the shape and gravity field of the Earth and with their time variations. This book collects 36 selected papers from the International Symposium on Geodetic Deformation Monitoring held in Jaén (Spain) from 17th to 19th March 2005. It contains a good overview of theoretical matters, models and results.

"Women authors have explored fantasy fiction in ways that connect with feminist narrative theories, as examined here by Katherine J. Weese in seven modern novels. The fantastic devices highlight various feminist narrative concerns. Weese also frames the fantastic elements in the scope of traditional fictional structure"—Provided by publisher.

This book explores the most recent critical thinking on the relationship between the literary mode of the fantastic and the literary genre of drama with respect to modern theatre. Wide-ranging in time and space, the 14 essays assess 20th century dramatic works from the United States, Ireland, England, Western Europe, and the Caribbean. Canonical figures, such as Strindberg, Yeats, Beckett, Ionesco, Cocteau, and Stoppard are studied, along with neglected figures and innovative new performance troupes and individual artists. Concluding essays are devoted to contemporary experimental theatre and postmodern drama, and a study of science fiction on stage includes an annotated listing of forty English-language plays.

Once upon a time all literature was fantasy, set in a mythical past when magic existed, animals talked, and the gods took an active hand in earthly affairs. As the mythical past was displaced in Western estimation by the historical past and novelists became increasingly preoccupied with the present, fantasy was comparably marginalised until the late 20th century, when it enjoyed a spectacular resurgence in every stratum of the literary marketplace. Stableford provides an invaluable guide to this sequence of events and to the current state of the field. The chronology tracks the evolution of fantasy from the origins of literature to the 21st century. The introduction explains the nature of the impulses creating and shaping fantasy literature, the problems of its definition and the reasons for its changing historical fortunes. The dictionary includes cross-referenced entries on more than 700 authors, ranging across the entire historical spectrum, while more than 200 other entries describe the fantasy subgenres, key images in fantasy literature, technical terms used in fantasy criticism, and the intimately convoluted relationship between literary fantasies, scholarly fantasies, and lifestyle fantasies. The book concludes with an extensive bibliography that ranges from general textbooks and specialized accounts of the history and scholarship of fantasy literature, through bibliographies and accounts of the fantasy literature of different nations, to individual author studies and useful websites.

System Identification
Subversive Symmetry
Literary Fantasy in Contemporary Chinese Diasporic Women's Literature
An Introduction to Optimal Designs for Social and Biomedical Research
Feminist Narrative and the Supernatural
The Function of Fantastic Devices in Seven Recent Novels

**When compared to classical sciences such as math, with roots in prehistory, and physics, with roots in antiquity, geographical information science (GISci) is the new kid on the block. Its theoretical foundations are therefore still developing and data quality and uncertainty modeling for spatial data and spatial analysis is an important branch of t**

**The increasing cost of research means that scientists are in more urgent need of optimal design theory to increase the efficiency of parameter estimators and the statistical power of their tests. The objectives of a good design are to provide interpretable and accurate inference at minimal costs. Optimal design theory can help to identify designs with maximum power and maximum information for a statistical model and, at the same time, enable researchers to check on the model assumptions. This Book, Introduces optimal experimental design in an accessible format. Provides guidelines for practitioners to increase the efficiency of their designs, and demonstrates how optimal designs can reduce a study's costs. Discusses the merits of optimal designs and compares them with commonly used designs. Takes the reader from simple linear regression models to advanced designs for multiple linear regression and nonlinear models in a systematic manner. Illustrates design techniques with practical examples from social and biomedical research to enhance the reader's understanding. Researchers and students studying social, behavioural and biomedical sciences will find this book useful for understanding design issues and in putting optimal design ideas to practice.**

**Lewis Carroll once wrote a story about a king who wanted a very accurate map of his kingdom. The king had a pathologically fastidious eye for detail and consequently decided that the map was to be produced at a scale of 1:1. The scribes dutifully set to and, in time, the map was made. The map carried details of every tree, every rock and every blade of grass throughout the entire land. The problem occurred when they tried to use -it. First of all, the map was extraordinarily difficult to open out and lined up with the countryside. Its sheer bulk meant that it took whole armies to carry it and a great host of bureaucrats and technicians to maintain the information. Such was the detail of the map that as soon as the wind blew strongly, whole sections needed to be redrawn. What was worse was that all the farmers protested because the map completely cut out the light from the sun and all the crops died. Eventually the howls of protest became so strong that the king was forced to take action. He did away with the old paper copy and decided to use the kingdom itself as the map. All lived happily ever after. There are, at least, two morals to this tale. First, you are almost certainly doomed to failure if you do not get the representation of the problem right.**

**COVERS THE FUNDAMENTAL TOPICS IN MATHEMATICS, STATISTICS, AND FINANCIAL MANAGEMENT THAT ARE REQUIRED FOR A THOROUGH STUDY OF FINANCIAL MARKETS This comprehensive yet accessible book introduces students to financial markets and delves into more advanced material at a steady pace while providing motivating examples, poignant remarks, counterexamples, ideological clashes, and intuitive traps throughout. Tempered by real-life cases and actual market structures, An Introduction to Financial Markets: A Quantitative Approach accentuates theory through quantitative modeling whenever and wherever necessary. It focuses on the lessons learned from timely subject matter such as the impact of the recent subprime mortgage storm, the collapse of LTCM, and the harsh criticism on risk management and innovative finance. The book also provides the necessary foundations in stochastic calculus and optimization, alongside financial modeling concepts that are illustrated with relevant and hands-on examples. An Introduction to Financial Markets: A Quantitative Approach starts with a complete overview of the subject matter. It then moves on to sections covering fixed income assets, equity portfolios, derivatives, and advanced optimization models. This book's balanced and broad view of the state-of-the-art in financial decision-making helps provide readers with all the background and modeling tools needed to make "honest money" and, in the process, to become a sound professional. Stresses that gut feelings are not always sufficient and that "critical thinking" and real world applications are appropriate when dealing with complex social systems involving multiple players with conflicting intentions Features a related website that contains a solution manual for end-of-chapter problems Written in a modular style for tailored classroom use Bridges a gap for business and engineering students who are familiar with the problems involved, but are less familiar with the methodologies needed to make smart decisions An Introduction to Financial Markets: A Quantitative Approach offers a balance between the need to illustrate mathematics in action and the need to understand the real life context. It is an ideal text for a first course in financial markets or investments for business, economic, statistics, engineering, decision science, and management science students.**

Ellipse of Uncertainty

BMVC91

Extrapolation

An Introduction to Seismology, Earthquakes, and Earth Structure

Proceedings of the British Machine Vision Conference, organised for the British Machine Vision Association by the Turing Institute 24-26 September 1991 University of Glasgow

An Introduction to Financial Markets

NBS Special Publication

*A literary analysis of Mark 6:45-56 (Jesus' sea-walk), viewed through the lens of fantastic fiction. The author utilizes ancient and modern fantasists, and supports theological reflection with substantive exegesis. It holds particular importance for Gospel Studies.*

*This Very Short Introduction discusses the nature of planets and gas giants, and their rings and moons. It also looks beyond Pluto, in the Kuiper Belt, at the knowledge we have about planets around other stars. With many striking photos to illustrate the details, it demonstrates the unique world of every planet.*

*This study looks at the complex relationship between postmodernism and the fantastic in contemporary British fiction and shows that a new type of the fantastic arises in postmodernism. Arguing against interpretations that view postmodernism as inherently fantastic, it seeks to define the postmodern fantastic as a narrative mode that is influenced by certain traits both of the traditional fantastic and of literary postmodernism but does not simply conflate both. In the first theoretical part, a number of theories of the fantastic and of postmodernism are used to set the fantastic apart from other non-mimetic forms of literature and to create a model of the postmodern fantastic that postulates the totalisation of the fantastic in postmodernism. In the second part of this study, this model is applied to a number of contemporary British texts which are particularly susceptible to this form of the fantastic due to several characteristics such as their muted kind of postmodernism and their frequent construction of parallel worlds. The analysis of these texts focuses on four thematic fields of the postmodern fantastic: the figure of the other as defined by Bernhard Waldenfels, time and history, text and textuality and the development of the Todorovian pure fantastic. Finally, the question of the death of the fantastic in postmodernism is examined.*

*This innovative book offers you a detailed explanation of the way that an A-GPS server operates from a practical point of view. You learn how A-GPS improves critical aspects of GPS, such as time-to-first-fix (TTFF) and yield. The book focuses on handset-assisted A-GPS, where the server can make use of additional information and perform more effective hybrid calculations. You gain insight into factors affecting accuracy and how these errors can be minimized using A-GPS. Moreover, this unique resource includes example code in Java for all key functions, along with sequence diagrams in UML that help ensure a solid understanding of the material.*

Introduction to Learning and Behavior

The A to Z of Fantasy Literature

The American Practical Navigator

Autonomous Robot Vehicles

That Other World

Symbolic and Quantitative Approaches to Reasoning with Uncertainty

An Epitome of Navigation

*Offering a variety of innovative teaching tools, INTRODUCTION TO LEARNING AND BEHAVIOR, 5th Edition provides a clear introduction to the principles of learning and behavior. Designed to strike a balance between basic principles and their practical application, it provides an engaging outline of the behavioral approach to psychology and its relevance for understanding and improving the world we live in. This edition includes a new emphasis on behavior self-management -- including an appendix on tactics of behavior self-management as well as Study Tip boxes advising students on a range of study behavior issues, from how to best read a textbook to the use of stimulus control procedures to increase concentration and reduce procrastination. Instructors who include self-management projects as a course assignment may particularly appreciate this material. As with past editions, numerous opportunities for review and self-testing help students maximize their understanding and retention. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.*

*Autonomous robot vehicles are vehicles capable of intelligent motion and action without requiring either a guide or teleoperator control. The recent surge of interest in this subject will grow even grow further as their potential applications increase. Autonomous vehicles are currently being studied for use as reconnaissance/exploratory vehicles for planetary exploration, undersea, land and air environments, remote repair and maintenance, material handling systems for space stations, and in a variety of other applications. This reference is the first to deal directly with the unique and fundamental problems and recent progress associated with autonomous vehicles. The editors have assembled and combined significant material from a multitude of sources, and in doing so conveniently provide a coherent organization of the material.*

*System Identification shows the student reader how to approach the system identification problem in a systematic fashion. The process is divided into three basic steps: experimental design and data collection; model structure selection and parameter estimation; and model validation, each of which is the subject of one or more parts of the text. Following an introduction on system theory, particularly in relation to model representation and model properties, the book contains four parts covering:
• data-based identification – non-parametric methods for use when prior system knowledge is very limited;
• time-invariant identification for systems with constant parameters;
• time-varying systems identification, primarily with recursive estimation techniques; and
• model validation methods. A fifth part, composed of appendices, covers the various aspects of the underlying mathematics needed to begin using the text. The book uses essentially semi-physical or gray-box modeling methods although data-based, transfer-function system descriptions are also introduced. The approach is problem-based rather than rigorously mathematical. The use of finite input–output data is demonstrated for frequency- and time-domain identification in static, dynamic, linear, nonlinear, time-invariant and time-varying systems. Simple examples are used to show readers how to perform and emulate the identification steps involved in various control design methods with more complex illustrations derived from real physical, chemical and biological applications being used to demonstrate the practical applicability of the methods described. End-of-chapter exercises (for which a downloadable instructors' Solutions Manual is available from fill in URL here) will both help students to assimilate what they have learned and make the book suitable for self-tuition by practitioners looking to brush up on modern techniques. Graduate and final-year undergraduate students will find this text to be a practical and realistic course in system identification that can be used for assessing the processes of a variety of engineering disciplines. System Identification will help academic instructors teaching control-related to give their students a good understanding of identification methods that can be used in the real world without the aid of any underlying mathematical detail.*

*This book explores the use of literary fantasy in the construction of identity and 'home' in contemporary diasporic Chinese women's literature. It argues that the use of fantasy acts as a way of undermining the power of patriarchy and unsettling fixed notions of home. The idea of home explored in this book relates to complicated struggles to gain a sense of belonging, as experienced by marginalized subjects in constructing their diasporic identities — which can best be understood as unstable, shifting, and shaped by historical conditions and power relations. Fantasy is seen to operate in the corpus of this book as a literary mode, as defined by Rosemary Jackson. Literary fantasy offers a way to rework ancient myths, fairy tales, ghost stories and legends; it also subverts conventional narratives and challenges the power of patriarchy and other dominant ideologies. Through a critical reading of four diasporic Chinese women authors, namely, Maxine Hong Kingston, Adeline Yen Mah, Ying Chen and Larissa Lai, this book aims to offer critical insights into how their works re-imagine a 'home' through literary fantasy which leads beyond nationalist and Orientalist stereotypes; and how essentialist conceptions of diasporic culture are challenged by global geopolitics and cultural interactions.*

Polarized Light and the Mueller Matrix Approach

Living the Body

Selected NBS Papers on Colorimetry

Geodetic Deformation Monitoring: From Geophysical to Engineering Roles

A Quantitative Approach

Geochronology and Thermochronology

An Introduction

While existing a conception of literature as moral philosophy, or a device for imparting particular morals to the reader through exemplary characters and plots, Maryse Condé has displayed throughout her writing career a strong valorization of literature as ethical critique. This study examines her singular approach to literary commitment as a critical reworking of aesthetic modes and modes of interpretation. Focusing on four dominant problematics in Condé's work—history and globalization in La Belle Créole and Moi, Tituba sorcière...noirs de Salem, intertextuality and reception in La migration des coeurs and Création co-cupé, trauma and subjectivity in En attendant le bonheur and Desirada, community and ethics in Traversée de la mangrove and Histoire de la femme cannibale—this analysis proposes to elucidate how, and to what ends, Condé engages, and alters, approaches to reading, staging the problematic, yet pragmatic, need to read. This hermeneutic imperative foregrounds the need to engage with texts, to cannibalize texts while recognizing their fundamental opacity and inextinguishability, their resistance to the reader's interpretive habits.

This fascinating study of literary theory is the first work of its kind to examine the intersection of fantasy and postmodernism, and to analyze contemporary fantasy writers comparatively. After carefully developing working definitions of postmodernism and fantasy, the author goes on to analyze works by various postmodernist fantasy writers. Olsen's approach is eclectic, bringing to each text or textual complex those forces he feels most interestingly stir up its sediment—be they biographical, structural, psychoanalytic, philosophical, reader-response, or otherwise. Finally he argues that postmodern fantasy is the literary equivalent of deconstructionism, for it interrogates all we take for granted about language and experience, giving these no more than shifting and provisional status. It may be seen as a mode of radical skepticism that believes only in the possibility of total intelligibility.

""This Historical Dictionary of Fantasy Literature provides an invaluable guide to the current state of the field. The chronology tracks fantasy's evolution from the origins of literary criticism until the 21st century. The introduction explains the nature of the impulse to create and shape fantasy literature, the problems in defining what it is, and the reasons for its changing historical fortunes. The dictionary includes more than 700 entries on authors, both contemporary and historical, and more than 200 entries on fantasy subgenres, key images in fantasy literature, technical terms used in fantasy criticism, and the intimately convoluted relationship between literary fantasies, scholarly fantasies, and lifestyle fantasies.

In this book, contributors argue that the Black Church must begin to address the significance of sexuality if it is to actually present liberation as a mode of existence that fully appreciates the body. The contributors argue that we not only have to look at the Black Church in this discussion, but also explore black Christianity in general.

Arts & Humanities Citation Index

"Eating Well, Reading Well"

An Introduction to Postmodern Fantasy

6th European Conference, ECSQARU 2001, Toulouse, France, September 19-21, 2001. Proceedings

Historical Dictionary of Fantasy Literature

A Critical Reader

Advanced Introduction to Scenario Planning

Geographic Location in the Internet discusses how to find the location of mobile devices in the wireless Internet, specifically those that involve the determination of the geographic location of mobile devices. 2G systems of GSM, GPRS and 3G systems of UMTS and cdma2000,

and other link technologies and an extensive description on how numerical location of the mobile can be tracked real-time also are discussed. Geographic Location in the Internet covers Session Initiation Protocol (SIP) related geographic location tracking as it relates to multimedia applications. The recent application-layer protocols for communicating the location information from the mobile device to the applications such as multimedia applications are also covered. Mobile Location Protocol (MLP) of the Location Information Forum (LIF) allows access of the geographic location information to the applications using Web protocol of HTTP. The Wireless Application Protocol (WAP) forum also defined a technical specification for location-based services, which is discussed in detail. A detailed analysis of the location update mechanisms covers various technical issues in location database design, and protocols are compared using simulations and providing provocative conclusions. Geographic search engines utilizing location data that enable users to make location related queries on the Web are also covered. The book has exclusive coverage of the technical aspects of privacy such as linkability, credentials, pseudonyms, anonymity and identity management. Different scenarios are defined for the targets, owners, location servers and location data sources and the privacy implications are emphasized. Geographic Location in the Internet is intended for engineers, developers and designers involved in technical work related to mobile networking and mobile computing. It can also be used in graduate level courses on geographic location and location-based systems.

Much has been made over the potentially dark and dangerous side of postmodernism — its anthumanism, its attack on basic assumptions about language and experience, its denial of selfhood. For Lance Olsen, however, there are points of convergence between postmodernism and the comic vision. Both the comic and the postmodern attempt to subvert all centers of authority — including their own. Both ultimately deride univocal visions. Through radical in-grungery of form and vision, both seek to short-circuit the dominant culture's repressive intent.

After a lively introductory chapter that maps the confluence of postmodernism and the comic vision, Olsen focuses on seven British and American fiction writers, using their works to examine various aspects of the rise and fall of postmodern humor in our culture. Ten years ago, the inaugural European Conference on Computer Vision was held in Antibes, France. Since then, ECCV has been held biennially under the auspices of the European Vision Society at venues around Europe. This year, the privilege of organizing ECCV 2000 falls to Ireland and it is a signal honour for us to host what has become one of the most important events in the calendar of the computer vision community. ECCV is a single-track conference comprising the highest quality, previously unpublished, contributed papers on new and original research in computer vision. This year, 266 papers were submitted and, following a rigorous double-blind review process, with each paper being reviewed by three referees, 116 papers were selected by the Programme Committee for presentation at the conference. The venue for ECCV 2000 is the University of Dublin, Trinity College. - unded in 1592, it is Ireland's oldest university and has a proud tradition of scholarship in the Arts, Humanities, and Sciences, alike. The Trinity campus, set in the heart of Dublin, is an oasis of

tranquility and its beautiful squares, elegant buildings, and tree-lined playing- elds provide the perfect setting for any conference. The definitive guide to bringing accuracy to measurement, updated and supplemented Adjustment Computations is the classic textbook for spatial information analysis and adjustment computations, providing clear, easy-to-understand instruction backed by real-world practicality. From the basic terms and fundamentals of errors to specific adjustment computations and spatial information analysis, this book covers the methodologies and tools that bring accuracy to surveying, GNSS, GIS, and other spatial technologies. Broad in scope yet rich in detail, the discussion avoids overly-complex theory in favor of practical techniques for students and professionals. This new sixth edition has been updated to align with the latest developments in this rapidly expanding field, and includes new video lessons and updated problems, including worked problems in STATS, MATRIX, ADJUST, and MathCAD. All measurement produces some amount of error: whether from human mistakes, instrumentation inaccuracy, or environmental features, these errors must be accounted and adjusted for when accuracy is critical. This book describes how errors are identified, analyzed, measured, and corrected, with a focus on least squares adjustment—the most rigorous methodology available. Apply industry-standard methodologies to error analysis and adjustment Translate your skills to the real-world with instruction focused on the practical Master the fundamentals as well as specific computations and analysis Strengthen your understanding of critical topics on the Fundamentals in Surveying Licensing Exam As spatial technologies expand in both use and capability, so does our need for professionals who understand how to check and adjust for errors in spatial data. Conceptual knowledge is one thing, but practical skills are what counts when accuracy is at stake: Adjustment Computations provides the real-world training you need to identify, analyze, and correct for potentially crucial errors.

Precision Measurement and Calibration

IAG Symposium Jaén, Spain, March 7-19,2005

Science Fiction & Fantasy Book Review Annual

Postmodernism and the Comic Vision

Staging the Impossible

Adjustment Computations

Spatial Data Analysis

*A mission to send humans to explore the surface of Mars has been the ultimate goal of planetary exploration since the 1950s, when von Braun conjectured a flotilla of 10 interplanetary vessels carrying a crew of at least 70 humans. Since then, more than 1,000 studies were carried out on human missions to Mars, but after 60 years of study, we remain in the early planning stages. The second edition of this book now includes an annotated history of Mars mission studies, with quantitative data wherever possible. Retained from the first edition, Donald Rapp looks at human missions to Mars from an engineering perspective. He divides the mission into a number of stages: Earth's surface to low-Earth orbit (LEO); departing from LEO toward Mars; Mars orbit insertion and entry, descent and landing; ascent from Mars; trans-Earth injection from Mars orbit and Earth return. For each segment, he analyzes requirements for the technologies. In this connection, he discusses the status and potential of a wide range of elements critical to a human Mars mission, including life support consumables, radiation effects and shielding, microgravity effects, short options and mission safety, possible habitats on the Martian surface and zero-assisted orbit entry,descent and landing. For any human mission to the Red Planet the possible utilization of any resources indigenous to Mars would be of great value and such possibilities, the use of indigenous resources is discussed at length. He also discusses the relationship of lunar exploration to Mars exploration. Detailed appendices describe the availability of solar energy on the Moon and Mars, and the potential for utilizing indigenous water on Mars. The second edition provides extensive updating and additions to the first edition, including many new figures and tables, and more than 70 new references, as of 2015.*

Ellipse of UncertaintyAn Introduction to Postmodern FantasyPraeger

*This book discusses quantum optics and investigates the quantum properties of interactions between atoms and laser fields. It is divided into three parts. Part I introduces the elementary theory of the interaction between atoms and light, Part II provides a concentrated discussion on the quantum properties of light fields. Part III deals with the quantum dynamic properties of the atoms interacting with laser fields. This book can be used as a text for both graduate and undergraduate students; it will also benefit scientists who are interested in quantum optics and theoretical physics.*

*An Introduction to Seismology, Earthquakes and Earth Structures is an introduction to seismology and its role in the earth sciences, and is written for advanced undergraduate and beginning graduate students. The fundamentals of seismic wave propagation are developed using a physical approach and then applied to show how refraction, reflection, and teleseismic techniques are used to study the structure and thus the composition and evolution of the earth. The book shows how seismic waves are used to study earthquakes and are integrated with other data to investigate the plate tectonic processes that cause earthquakes. Figures, examples, problems, and computer exercises teach students about seismology in a creative and intuitive manner. Necessary mathematical tools including vector and tensor analysis, matrix algebra, Fourier analysis, statistics of errors, signal processing, and data inversion are introduced with many relevant examples. The text also addresses the fundamentals of seismometry and applications of seismology to societal issues. Special attention is paid to help students visualize connections between different topics as an integrated science. An Introduction to Seismology, Earthquakes, and Earth Structure gives an excellent overview for students of geophysics and tectonics, and provides a strong foundation for further studies in seismology. Multidisciplinary examples throughout the text – catering to students in varied disciplines (geology, mineralogy, petrology, physics, etc.). Must up to date book on the market – includes recent seismic events such as the 1999 Earthquakes in Turkey, Greece, and Taiwan). Chapter outlines – each chapter begins with an outline and a list of learning objectives to help students focus and study. Essential math review – an entire section reviews the essential math needed to understand seismology. This can be covered in class or left to students to review as needed. End of chapter problem sets - homework problems that cover the material presented in the chapter. Solutions to all odd numbered problem sets are listed in the back so that students can track their progress. Extensive References – classic references and more current references are listed at the end of each chapter. A set of instructor's resources containing downloadable versions of all the figures in the book, errata and answers to homework problems is available at: http://eev.wustl.edu/seismology/book/. Also available on this website are PowerPoint lecture slides corresponding to the first 5 chapters of the book.*

The Postmodern Fantastic in Contemporary British Fiction

Principles of Modeling Uncertainties in Spatial Data and Spatial Analyses

The Supernatural and the Fantastic in Irish Literature and Its Contexts

Human Missions to Mars

Server-Side GPS and Assisted-GPS in Java

Black Religious Studies and the Erotic

Introduction to Modern Quantum Optics

Culls together important criticism of fantastic literature from Plato and Aristotle to present critics.

This book constitutes the refereed proceedings of the 6th European Conference on Symbolic and Quantitative Approaches to Reasoning with Uncertainty, ECSQARU 2001, held in Toulouse, France in September 2001. The 68 revised full papers presented together with three invited papers were carefully reviewed and selected from over a hundred submissions. The book offers topical sections on decision theory, partially observable Markov decision processes, decision-making, coherent probabilities, Bayesian networks, learning causal networks, graphical representation of uncertainty, imprecise probabilities, belief functions, fuzzy sets and rough sets, possibility theory, merging, belief revision and preferences, inconsistency handling, default logic, logic programming, etc.

An Up-to-Date Compendium on the Physics and Mathematics of Polarization Phenomena Polarized Light and the Mueller Matrix Approach thoroughly and cohesively integrates basic concepts of polarization phenomena from the dual viewpoints of the states of polarization of electromagnetic waves and the transformations of these states by the action of material media. Through selected examples, it also illustrates actual and potential applications in materials science, biology, and optics technology. The book begins with the basic concepts related to two- and three-dimensional polarization states. It next describes the nondepolarizing linear transformations of the states of polarization through the Jones and Mueller–Jones approaches. The authors then discuss the forms and properties of the Jones and Mueller matrices associated with different types of nondepolarizing media, address the foundations of the Mueller matrix, and delve more deeply into the analysis of the physical parameters associated with Mueller matrices. The authors proceed to interpret arbitrary decomposition and other interesting parallel decompositions as well as compare the powerful serial decompositions of depolarizing Mueller matrix M. They also analyze the general formalism and specific algebraic quantities and notions related to the concept of differential Mueller matrix. The book concludes with useful approaches that provide a geometric point of view on the polarization effects exhibited by different types of media. Suitable for novices and more seasoned professionals, this book covers the main aspects of polarized radiation and polarization effects of material media. It expertly combines physical and mathematical concepts with important approaches for representing media through equivalent systems composed of simple components.

This book is a welcome introduction and reference for users and innovators in geochronology. It provides modern perspectives on the current state-of-the-art in most of the principal areas of geochronology and thermochronology, while recognizing that they are changing at a fast pace. It emphasizes fundamentals and systematics, historical perspective, analytical methods, data interpretation, and some applications chosen from the literature. This book complements existing coverage by expanding on those parts of isotope geochemistry that are concerned with dates and rates and insights into Earth and planetary science that come from temporal perspectives. Geochronology and Thermochronology offers chapters covering: Foundations of Radioisotopic Dating; Analytical Methods; Interpretational Approaches; Making Sense of Data; Diffusion and Thermochronological Interpretations; Rb–Sr, Sm–Nd, Lu–Hf, Rf–Os and Pt–Os; U–Th–Pb Geochronology and Thermochronology; The K–Ar and 40Ar/39Ar Systems; Radiation-damage Methods of Geo- and Thermochronology; The (U–Th)/He System; Uranium-series Geochronology; Cosmogenic Nuclides; and Extinct Radionuclide Chronology. Offers a foundation for understanding each of the methods and for illuminating directions that will be important in the near future Presents the fundamentals, perspectives, and opportunities in modern geochronology in a way that inspires further innovation, creative technique development, and applications Provides references to rapidly evolving topics that will enable readers to pursue future developments Geochronology and Thermochronology is designed for graduate and upper-level undergraduate students with a solid background in mathematics, geochemistry, and geology. Read an interview with the editors to find out more: https://eos.org/editors-vox/the-science-of-dates-and-rates

6th European Conference on Computer Vision Dublin, Ireland, June 26 - July 1, 2000 Proceedings, Part I

Maryse Condé and the Ethics of Interpretation

The Fantastic Mode in Modern Drama

Semiotica

Imagining Home

Circus of the Mind in Motion

Exploring the Fantastic in Mark 6:45-56

Providing a panoramic overview of the evolving world of scenario planning, this Advanced Introduction uses topical case studies to analyze the developing methodologies of scenario planning. Written by Paul J.H. Schoemaker, a leading authority on the topic, this book synthesizes rigorous theory and practical experiences including best practises, normative views, and opportunities for scenario planning.

Planets: A Very Short Introduction

Enabling Technologies for Exploring the Red Planet

Fantasy Literature

Computer Vision - ECCV 2000

Geographic Location in the Internet