

Dynamics And Expressive Tim Wardrop

The International Encyclopedia of Men and Masculinities offers a comprehensive guide to the current state of scholarship about men, masculinities, and gender around the world. The Encyclopedia's coverage is comprehensive across three dimensions: areas of personal and social life, academic disciplines, and cultural and historical contexts and formations. The Encyclopedia: examines every area of men's personal and social lives as shaped by gender covers masculinity politics, the men's groups and movements that have tried to change men's roles presents entries on working with particular groups of boys or men, from male patients to men in prison incorporates cross-disciplinary perspectives on and examinations of men, gender and gender relations gives comprehensive coverage of diverse cultural and historical formations of masculinity and the bodies of scholarship that have documented them. The Encyclopedia of Men and Masculinities is composed of over 350 free-standing entries written from their individual perspectives by eminent scholars in their fields. Entries are organized alphabetically for general ease of access but also listed thematically at the front of the encyclopedia, for the convenience of readers with specific areas of interest.

Consisting of two parts, this book presents papers describing publicly available stochastic programming systems that are operational. It presents a diverse collection of application papers in areas such as production, supply chain and scheduling, gaming, environmental and pollution control, financial modeling, telecommunications, and electricity.

Literacy leaders come together to give advice about silent reading instruction and how to make it work in your classroom. --from publisher description.

Most characters in the Bible are men, yet they are hardly analysed as such. Masculinity and the Bible provides the first comprehensive survey of approaches that remedy this situation. These are studies that utilize insights from the field of masculinity studies to further biblical studies. The volume offers a representative overview of both fields and presents a new exegesis of a well-known biblical text (Mark 6) to show how this approach leads to new insights.

The Megabook of Fluency

Impact on Business and Society

The Para-Academic Handbook

Report of the National Early Literacy Panel. Executive Summary. A Scientific Synthesis of Early Literacy Development and Implications for Intervention

Theory and Practice in the Revitalisation of Australia's Indigenous Languages

Memorialisation and Liberation Heritage Sites in Johannesburg and the Township Space

Sensational Jurisprudence

Bilateral Cochlear Implants (CIs) offer great benefits to patients suffering from lack of hearing by improving speech understanding as well as by providing a sense of directionality. Software and hardware synchronization issues of binaural processing have limited all the benefits that could be offered by bilateral CIs. This book provides discussions on topics that include a generalized speech enhancement framework for bilateral cochlear implants using a single processor; long-term results of CIs; minimally invasive cochlear implantation; quality of life in adult CI recipients; and the evolution of the indications for CI and new frontiers.

This is a volume about the life and power of ritual objects in their religious ritual settings. In this Special Issue, we see a wide range of contributions on material culture and ritual practices across religions. By focusing on the dynamic interrelations between objects, ritual, and belief, it explores how religion happens through symbolic materiality. The ritual objects presented in this volume include: masks worn in the Dogon dance; antique ecclesiastical silver objects carried around in festive processions and shown in shrines in the southern Andes; funerary photographs and films functioning as mnemonic objects for grieving children; a dented rock surface perceived to be the god's footprint in the archaic place of pilgrimage, Gaya (India); a recovered manual of rituals (from Xiapu county) for Mani, the founder of Manichaeism, juxtaposed to a Manichaean painting from southern China; sacred stories and related sacred stones in the Alor-Pantar archipelago, Indonesia; lotus symbolism, indicating immortalizing plants in the mythic traditions of Egypt, the Levant, and Mesopotamia; lavishly illustrated variations of portrayals of Ravana, a Sinhalese god-king-demon; figurines made of cow dung sculptured by rural women in Rajasthan (India); and mythical artifacts called 'Apples of Eden' in a well-known interactive game series.

Focuses on the development of reading, writing, speaking and listening for children from birth to eight years.

"Lawyer for Rosa Parks, Martin Luther King, Jr., the Montgomery bus boycott, the Tuskegee syphilis study, the desegregation of Alabama schools and the Selma march, and founder of the Tuskegee human and civil rights multicultural center."

The New Science of Cities

The Chechens

Law and the Senses

Games | Game Design | Game Studies

Foundations of Mental Health Counseling

More Than the Truth

A Toolkit for Making-Learning-Creating-Acting

From the international successes of Neil Jordan and Jim Sheridan, to the smaller productions of the new generation of Irish filmmakers, this book explores questions of nationalism, gender identities, the representation of the Troubles and of Irish history as well as cinema's response to the so-called Celtic Tiger and its aftermath. Irish National Cinema argues that in order to understand the unique position of filmmaking in Ireland and the inheritance on which contemporary filmmakers draw, definitions of the Irish culture and identity must take into account the so-called Irish diaspora and engage with its cinema. An invaluable resource for students of world cinema.

This book deals mostly with impossibility results - lower bounds on what can be accomplished by algorithms. However, the perspective is unapologetically that of an algorithm designer. The reader will learn lower bound technology on a "need-to-know" basis, guided by fundamental algorithmic problems that we care about.

Multistage stochastic optimization problems appear in many ways in finance, insurance, energy production and trading, logistics and transportation, among other areas. They describe decision situations under uncertainty and with a longer planning horizon. This book contains a comprehensive treatment of today's state of the art in multistage stochastic optimization. It covers the mathematical backgrounds of approximation theory as well as numerous practical algorithms and examples for the generation and handling of scenario trees. A special emphasis is put on estimation and bounding of the modeling error using novel distance concepts, on time consistency and the role of model ambiguity in the decision process. An extensive treatment of examples from electricity production, asset liability management and inventory control concludes the book.

Ethnically homogenous communities often do a better job than diverse communities of producing public goods such as satisfactory schools and health care, adequate sanitation, and low levels of crime. Coethnicity reports the results of a landmark study that aimed to find out why diversity has this cooperation-undermining effect. The study, conducted in a neighborhood of Kampala, Uganda, notable for both its high levels of diversity and low levels of public goods provision, hones in on the mechanisms that might account for the difficulties diverse societies often face in trying to act collectively. The Mulago-Kyebando Community Study uses behavioral games to explore how the ethnicity of the person with whom one is interacting shapes social behavior. Hundreds of local participants interacted with various partners in laboratory games simulating real-life decisions involving the allocation of money and the completion of joint tasks. Many of the subsequent findings debunk long-standing explanations for diversity's adverse effects. Contrary to the prevalent notion that shared preferences facilitate ethnic collective action, differences in goals and priorities among participants were not found to be structured along ethnic lines. Nor was there evidence that subjects favored the welfare of their coethnics over that of non-coethnics. When given the opportunity to act altruistically, individuals did not choose to benefit coethnics disproportionately when their actions were anonymous. Yet when anonymity was removed, subjects behaved very differently. With their actions publicly observed, subjects gave significantly more to coethnics, expected their partners to reciprocate, and expected that they would be sanctioned for a failure to cooperate. This effect was most pronounced among individuals who were otherwise least likely to cooperate. These results suggest that what may look like ethnic favoritism is, in fact, a set of reciprocity norms—stronger among coethnics than among non-coethnics—that make it possible for members of more homogeneous communities to take risks, invest, and cooperate without the fear of getting cheated. Such norms may be more subject to change than deeply held ethnic antipathies—a powerful finding for policymakers seeking to design social institutions in diverse societies. Research on ethnic diversity typically draws on either experimental research or field work. Coethnicity does both. By taking the crucial step from observation to experimentation, this study marks a major breakthrough in the study of ethnic diversity. A Volume in the Russell Sage Foundation Series on Trust

Cochlear Implants

International Encyclopedia of Men and Masculinities

Masculinity and the Bible

Public History and Culture in South Africa

Coethnicity

Digital Entrepreneurship

Revisiting Silent Reading

This lively and erudite cultural history examines how Scottish identity was experienced and represented in novel ways.

Multiagent systems combine multiple autonomous entities, each having diverging interests or different information. This overview of the field offers a computer science perspective, but also draws on ideas from game theory, economics, operations research, logic, philosophy and linguistics. It will serve as a reference for researchers in each of these fields, and be used as a text for advanced undergraduate or graduate courses. The authors emphasize foundations to create a broad and rigorous treatment of their subject, with thorough presentations of distributed problem solving, game theory, multiagent communication and learning, social choice, mechanism design, auctions, cooperative game theory, and modal logics of knowledge and belief. For each topic, basic concepts are introduced, examples are given, proofs of key results are offered, and algorithmic considerations are examined. An appendix covers background material in probability theory, classical logic, Markov decision processes and mathematical programming.

Frustrated by the lack of opportunities to research, create learning experiences or make a basic living within the university on our own terms, para-academics don't seek out alternative careers in the face of an evaporated future; we just continue to do what we've always done: write, research, learn, think and facilitate that process for others. As the para-academic community grows, there is a real need to build supportive networks, share knowledge, ideas and strategies that can allow these types of interventions to become sustainable and flourish. There is a very real need to create spaces of solace, action and creativity. Para-academics mimic academic practices so they are liberated from the confines of the university. Our work, and our lives, reflect how the idea of a university as a place for knowledge production, discussion and learning, has become distorted by neo-liberal market forces. We create alternative, genuinely open access, learning-thinking-making-acting spaces on the internet, in publications, in exhibitions, discussion groups or through other mediums that seem appropriate to the situation. We don't sit back and worry about our career developments paths. We write for the love of it; we think because we have to; we do it because we care.

The Indigenous languages of Australia have been undergoing a renaissance over recent decades. Many languages that had long ceased to be heard in public and consequently deemed 'dead' or 'extinct', have begun to emerge. Geographically and linguistically isolated, revitalisers of Indigenous Australian languages have often struggled to find guidance for their circumstances, unaware of the others walking a similar path. In this context Re-awakening Languages seeks to provide the first comprehensive snapshot of the actions and aspirations of Indigenous people and their supporters for the revitalisation of Australian languages in the 21st century. The contributions to this volume describe the satisfactions and tensions of this ongoing struggle. They also draw attention to the need for effective planning and strong advocacy at the highest political and administrative levels, if language revitalisation in Australia is to be successful and people's efforts are to have longevity.

Twenty Lectures on Algorithmic Game Theory

Stability, Variation, and Change of Word-order Patterns Over Time

Algorithmic, Game-Theoretic, and Logical Foundations

Changing the System by the System : the Life and Works of Fred Gray, Preacher, Attorney, Politician

Models, Artificial Intelligence, Applications

Applications of Stochastic Programming

The Books in My Life

This comprehensive work presents the status and likely development of fault diagnosis, an emerging discipline of modern control engineering. It covers fundamentals of model-based fault diagnosis in a wide context, providing a good introduction to the theoretical foundation and many basic approaches of fault detection.

The issue of permanence and change of word-order patterns has long been debated in both historical linguistics and structural theories. The interest in this theme has been revamped by contemporary research in typology with its emphasis on correlation or 'harmonies' of structures of word-order as explicative principles of both synchronic and diachronic processes. The aim of this book is to stimulate a critical reconsideration of perspectives and methods in the study of continuities and discontinuities of word-order patterns. Bringing together contributions by specialists of various theoretical backgrounds and with expertise in different language families or groups (Caucasian, Hamito-Semitic, and among Indo-European Hittite, Greek, Celtic, Germanic, Slavonic, Romance), the book addresses issues like the notions of stability, variation and change of word-order and their interrelations, the interplay of syntactic and pragmatic factors, and the role of internal and external factors in synchronic and diachronic dynamics of word-order. The book contains a selection of papers presented at a workshop held at the XIII International Conference on Historical Linguistics (Dusseldorf, August 1997) and additional invited contributions.

All the latest research on fluency plus dozens of practical lessons and ready-to-use fluency-priming tools, including partner poems, word ladders, and more!

The post-apartheid era in South Africa has, in the space of nearly two decades, experienced a massive memory boom, manifest in a plethora of new memorials and museums and in the renaming of streets, buildings, cities and more across the country. This memorialisation is intricately linked to questions of power, liberation and public history in the making and remaking of the South African nation. Ali Khangela Hlongwane and Sifiso Mxolisi Ndlovu analyse an array of these liberation heritage sites, including the Hector Pieterson Memorial and Museum, the June 16, 1976 Interpretation Centre, the Apartheid Museum and the Mandela House Museum, foregrounding the work of migrant workers, architects, visual artists and activists in the practice of memorialisation. As they argue, memorialisation has been integral to the process of state and nation formation from the pre-colonial era through the present day.

Technological Advances, Psychological/Social Impacts and Long-term Effectiveness

New Directions for Teachers and Researchers

Hutchies' Hundred Years

Selfish Routing and the Price of Anarchy

Religion, Ritual and Ritualistic Objects

Art and Identity

Communication Complexity (for Algorithm Designers)

Reading fluency has been identified as a key component of proficient reading. Research has consistently demonstrated significant and substantial correlations between reading fluency and overall reading achievement. Despite the great potential for fluency to have a significant outcome on students' reading achievement, it continues to be not well understood by teachers, school administrators and policy makers. The chapters in this volume examine reading fluency from a variety of perspectives. The initial chapter sketches the history of fluency as a literacy instruction component. Following chapters examine recent studies and approaches to reading fluency, followed by chapters that explore actual fluency instruction models and the impact of fluency instruction. Assessment of reading fluency is critical for monitoring progress and identifying students in need of intervention. Two articles on assessment, one focused on word recognition and the other on prosody, expand our understanding of fluency measurement. Finally, a study from Turkey explores the relationship of various reading competencies, including fluency, in an integrated model of reading. Our hope for this volume is that it may spark a renewed interest in research into reading fluency and fluency instruction and move toward making fluency instruction an even more integral part of all literacy instruction.

This long-awaited new edition has been fully updated and revised by the original authors as well as two new members of the author team. Based on many years of active research and teaching it takes the discipline's most difficult aspects and makes them accessible and interesting. Each chapter builds up an understanding of the different ways of looking at the world. The clarity of presentation allows students to rapidly develop a theoretical framework and to apply this knowledge widely as a way of understanding both more advanced theoretical texts and events in world politics. Suitable for first and second year undergraduates studying international relations and international relations theory.

An analysis of the loss in performance caused by selfish, uncoordinated behavior in networks. Most of us prefer to commute by the shortest route available, without taking into account the traffic congestion that we cause for others. Many networks, including computer networks, suffer from some type of this "selfish routing." In Selfish Routing and the Price of Anarchy, Tim Roughgarden studies the loss of social welfare caused by selfish, uncoordinated behavior in networks. He quantifies the price of anarchy—the worst-possible loss of social welfare from selfish routing—and also discusses several methods for improving the price of anarchy with centralized control. Roughgarden begins with a relatively nontechnical introduction to selfish routing, describing two important examples that motivate the problems that follow. The first, Pigou's Example, demonstrates that selfish behavior need not generate a socially optimal outcome. The second, the counterintuitive Braess's Paradox, shows that network improvements can degrade network performance. He then develops techniques for quantifying the price of anarchy (with Pigou's Example playing a central role). Next, he analyzes Braess's Paradox and the computational complexity of detecting it algorithmically, and he describes Stackelberg routing, which improves the price of anarchy using a modest degree of central control. Finally, he defines several open problems that may inspire further research. Roughgarden's work will be of interest not only to researchers and graduate students in theoretical computer science and optimization but also to other computer scientists, as well as to economists, electrical engineers, and mathematicians.

With musical scores and helpful charts, noted jazz educator and featured jazz soloist, Jerry Coker, gives the beginning performer and the curious listener insights into the art of jazz improvisation. Improvising Jazz gives the beginning performer and the curious listener alike insights into the art of jazz improvisation. Jerry Coker, teacher and noted jazz saxophonist, explains the major concepts of jazz, including blues, harmony, swing, and the characteristic chord progressions. An easy-to-follow self-teaching guide, Improvising Jazz contains practical exercises and musical examples. Its step-by-step presentation shows the aspiring jazz improviser how to employ fundamental musical and theoretical tools, such as melody, rhythm, and superimposed chords, to develop an individual melodic style.

Assessment and Teaching

Progress in Artificial Intelligence

Data Analytics for Intelligent Transportation Systems

Irish National Cinema

Frame by Frame

A Dialogue of Disciplines

At publication date, a free ebook version of this title will be available through Luminos, University of California Press's Open Access publishing program. Visit www.luminosoa.org to learn more. In this beautifully written and deeply researched study, Hannah Frank provides an original way to understand American animated cartoons from the Golden Age of animation (1920–1960). In the pre-digital age of the twentieth century, the making of cartoons was mechanized and standardized: thousands of drawings were inked and painted onto individual transparent celluloid sheets (called “cels”) and then photographed in succession, a labor-intensive process that was divided across scores of artists and technicians. In order to see the art, labor, and technology of cel animation, Frank slows cartoons down

to look frame by frame, finding hitherto unseen aspects of the animated image. What emerges is both a methodology and a highly original account of an art formed on the assembly line.

What Every Therapist Needs to Know About Anxiety Disorders is an integrated and practical approach to treating anxiety disorders for general psychotherapists. What is new and exciting is its focus on changing a patient ' s relationship to anxiety in order to enable enduring recovery rather than merely offering a menu of techniques for controlling symptoms. Neither a CBT manual nor an academic text nor a self-help book, What Every Therapist Needs to Know About Anxiety Disorders offers page after page of key insights into ways to help patients suffering from phobias, panic attacks, unwanted intrusive thoughts, compulsions and worries. The authors offer a rich array of therapist-patient vignettes, case examples, stories, and metaphors that will complement the work of trainees and experienced clinicians of every orientation. Readers will come away from the book with a new framework for understanding some of the most frustrating clinical challenges in anxiety disorders, including "reassurance junkies," endless obsessional loops, and the paradoxical effects of effort.

While the field of classics has informed and influenced the early developments of the field of psychology, these two disciplines presently enjoy fewer fruitful cross-fertilizations than one would expect. This book shows how the study of classics can help psychologists anchor their scientific findings in a historical, literary and philosophical framework, while insights of contemporary psychology offer new hermeneutic methods and explanations to classicists. This book is the first to date to offer a wide-ranging overview of the possibilities of marrying contemporary trends in psychology and classical studies. Advocating a critical dialogue between both disciplines, it offers novel reflections on psychotherapy, ancient philosophy, social psychology, literature and its theory, historiography, psychoanalysis, tragedy, the philosophy of mind, linguistics and reception. With twenty contributions by specialists in different fields, it promotes the combination of classical and psychological perspectives, and demonstrates the methods and rewards of such an endeavour through concrete case studies. This pioneering book is thus intended for all readers who seek inspiration for their readings, research, or therapeutic practice.

Computer science and economics have engaged in a lively interaction over the past fifteen years, resulting in the new field of algorithmic game theory. Many problems that are central to modern computer science, ranging from resource allocation in large networks to online advertising, involve interactions between multiple self-interested parties. Economics and game theory offer a host of useful models and definitions to reason about such problems. The flow of ideas also travels in the other direction, and concepts from computer science are increasingly important in economics. This book grew out of the author's Stanford University course on algorithmic game theory, and aims to give students and other newcomers a quick and accessible introduction to many of the most important concepts in the field. The book also includes case studies on online advertising, wireless spectrum auctions, kidney exchange, and network management.

An Introduction

What Every Therapist Needs to Know About Anxiety Disorders

From Rural Education to Popular Entertainment in Early Twentieth Century America

Bus Ride to Justice

Survey, Models, and Perspectives

Diversity and the Dilemmas of Collective Action

Perspectives and Themes

How did games rise to become the central audiovisual form of expression and storytelling in digital culture? How did the practices of their artistic production come into being? How did the academic analysis of the new medium's social effects and cultural meaning develop? Addressing these fundamental questions and aspects of digital game culture in a holistic way for the first time, Gundolf S. Freyermuth's introduction outlines the media-historical development phases of analog and digital games, the history and artistic practices of game design, as well as the history, academic approaches, and most important research topics of game studies. With contributions by André Czauderna, Nathalie Pozzi and Eric Zimmerman.

The inspirational success story of the first 100 years of Hutchinson Builders. What started out as a one-man band in 1912, when an English immigrant builder arrived with his family to start a new life in Australia, has grown into the country's largest privately owned construction company. The Hutchies' story straddles a century that witnessed two world wars, the great depression and tumultuous cycles of financial crises against the back drop of the rough and tumble world of construction. As well as tracking the survival and eventual growth of Hutchies into the dynamic and well respected company of today, the book outlines its evolution through successive generations of Jack Hutchinsons at the helm with a fifth generation poised to take on that role. That story is told by way of a historical account as well as captured through the republication and inclusion of every back issue of "Hutchies' Truth", the company's colourful, tabloid-style newsletter covering those years.

This open access book explores the global challenges and experiences related to digital entrepreneurial activities, using carefully selected examples from leading companies and economies that shape world business today and tomorrow. Digital entrepreneurship and the companies steering it have an enormous global impact; they promise to transform the business world and change the way we communicate with each other. These companies use digitalization and artificial intelligence to enhance the quality of decisions and augment their business and customer operations. This book demonstrates how cloud services are continuing to evolve; how cryptocurrencies are traded in the banking industry; how platforms are created to commercialize business, and how, taken together, these developments provide new opportunities in the digitalized era. Further, it discusses a wide range of digital factors changing the way businesses operate, including artificial intelligence, chatbots, voice search, augmented and virtual reality, as well as cyber threats and data privacy management. "Digitalization mirrors the Industrial Revolution's impact. This book provides a complement of perspectives on the opportunities emanating from such a deep seated change in our economy. It is a comprehensive collection of thought leadership mapped into a very useful framework. Scholars, digital entrepreneurs and practitioners will benefit from this timely work." Gina O'Connor, Professor of Innovation Management at Babson College, USA "This book defines and delineates the requirements for companies to enable their businesses to succeed in a post-COVID19 world. This book deftly examines how to accomplish and achieve digital entrepreneurship by leveraging cloud computing, AI, IoT and other critical technologies. This is truly a unique "must-read" book because it goes beyond theory and provides practical examples." Charlie Isaacs, CTO of Customer Connection at Salesforce.com, USA "This book provides digital entrepreneurs useful guidance identifying, validating and building their venture. The international authors developed new perspectives on digital entrepreneurship that can support to create impact ventures." Felix Staeritz, CEO FoundersLane, Member of the World Economic Forum Digital Leaders Board and bestselling author of FightBack, Germany

In this unique work, Henry Miller gives an utterly candid and self-revealing account of the reading he did during his formative years.

Circuit Chautauqua

Key Concepts, Insights, and Interventions

Re-awakening Languages

Reading Fluency

Multiagent Systems

A Cultural History from the Jacobite Rising of 1745 to Walter Scott

13th Portuguese Conference on Artificial Intelligence, EPIA 2007, Workshops: GAIW, AIASTS, ALEA, AMITA, BAOSW, BI, CMBSB, IROBOT, MASTA, STCS, and TEMA, Guimarães, Portugal, December 3-7, 2007, Proceedings

Twenty Lectures on Algorithmic Game TheoryCambridge University Press

In the late 19th century the chautauqua movement became a popular form of adult education and entertainment in the United States. With noted lyceum speakers (such as Teddy Roosevelt and William Jennings Bryan) and local talent, the movement spread throughout the country and was particularly popular in the rural areas of the Midwest. An overview of the lyceum and of adult education in 19th century America is followed by an examination of the rise of the circuit chautauqua. Its popularity during the 1920s is detailed as is its demise, brought on by the Great Depression and the rise of the film industry.

This book constitutes the refereed proceedings of the 13th Portuguese Conference on Artificial Intelligence, EPIA 2007, held in Guimarães, Portugal, in December 2007 as eleven integrated workshops. The 58 revised full papers presented were carefully reviewed and selected from a total of 210 submissions. In accordance with the eleven constituting workshops, the papers are organized in topical sections on a broad range of subjects.

The National Assessment of Educational Progress reveals that 37 percent of U.S. fourth graders fail to achieve basic levels of reading achievement. In 1997, the U.S. Congress asked that a review of research be conducted to determine what could be done to improve reading and writing achievement. The resulting "Report of the National Reading Panel: Teaching Children to Read" (NICHHD, 2000) has been influential in helping to guide reading-education policy and practice in the United States. However, that report did not examine the implications of instructional practices used with children from birth through age 5. To address this gap in the knowledge base, the National Early Literacy Panel (NELP) was convened. The panel was asked to apply a similar methodological review process to that used by the National Reading Panel (NRP) to issues of instructional practices for young children so that parents and teachers could better support their emerging literacy skills. The NELP report represents a systematic and extensive synthesis of the published research literature concerning children's early literacy skills. It provides educators and policymakers with important information about the early skills that are implicated in later literacy learning, as well as information about the type of instruction that can enhance these skills. The results also identify areas in which additional research is needed. The meta-analyses conducted by the panel showed that a wide range of interventions had a positive impact on children's early literacy learning.

Psychology and the Classics

Fault Diagnosis

A Handbook

A Materialist Aesthetics of Animated Cartoons

An Introduction to International Relations Theory

Multistage Stochastic Optimization

Improvising Jazz

This volume provides a ready introduction and practical guide to the Chechen people, including chapters on history, religion, politics, economy, culture, literature and media.

The concept of the five senses underpins all modern academic disciplines. Recent work has pushed forward the debate about their significance, and the extent to which our techniques of perception are not merely biological, but constructed and contestable. This book reflects the ways in which ordering of the senses informs law. Starting from the modern legal system's treatment of prohibitions, liabilities, properties and methods of proof and punishment, the contributors look at how understandings of the senses vary across a variety of legal areas, from intellectual property law to criminal law. It covers a range of issues including New Age travellers, consent in female circumcision and sadomasochism.

Data Analytics for Intelligent Transportation Systems provides in-depth coverage of data-enabled methods for analyzing intelligent transportation systems that includes detailed coverage of the tools needed to implement these methods using big data analytics and other computing techniques. The book examines the major characteristics of connected transportation systems, along with the fundamental concepts of how to analyze the data they produce. It explores collecting, archiving, processing, and distributing the data, designing data infrastructures, data management and delivery systems, and the required hardware and software technologies. Users will learn how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications, along with key safety and environmental applications for both commercial and passenger vehicles, data privacy and security issues, and the role of social media data in traffic planning. Includes case studies in each chapter that illustrate the application of concepts covered Presents extensive coverage of existing and forthcoming intelligent transportation systems and data analytics technologies Contains contributors from both leading academic and commercial researchers Explains how to design effective data visualizations, tactics on the planning process, and how to evaluate alternative data analytics for different connected transportation applications

A proposal for a new way to understand cities and their design not as artifacts but as systems composed of flows and networks. In The New Science of Cities, Michael Batty suggests that to understand cities we must view them not simply as places in space but as systems of networks and flows. To understand space, he argues, we must understand flows, and to understand flows, we must understand networks—the relations between objects that compose the system of the city. Drawing on the complexity sciences, social physics, urban economics, transportation theory, regional science, and urban geography, and building on his own previous work, Batty introduces theories and methods that reveal the deep structure of how cities function. Batty presents the foundations of a new science of cities, defining flows and their networks and introducing tools that can be applied to understanding different aspects of city structure. He examines the size of cities, their internal order, the transport routes that define them, and the locations that fix these networks. He introduces methods of simulation that range from simple stochastic models to bottom-up evolutionary models to aggregate land-use transportation models. Then, using largely the same tools, he presents design and decision-making models that predict interactions and flows in future cities. These networks emphasize a notion with relevance for future research and planning: that design of cities is collective action.

Developing Early Literacy