

## *Behzad Jalali Department Of Mathematics And Statistics At*

*Principles of Physics is a well-established popular textbook which has been completely revised and updated.*

*For historians of mathematics and those interested in the history of science, 'A Discourse Concerning Algebra' provides an new and readable account of the rise of algebra in England from the Medieval period to the later years of the 17th century. Including new research, this is the most detailed study to date of early modern*

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*English algebra, which builds on work published in 1685 by John Wallis (Savilian Professor of Geometry at Oxford) on the history of algebra. Stedall's book follows the reception and dissemination of important algebraic ideas and methods from continental Europe (especially those of Viète) and the consequent revolution in the state of English mathematics in the 17th century. The text emphasises the contribution of Wallis, but substantial reference is also provided to other important mathematicians such as Harriot, Oughtred, Pell and Brouncker.*

*This book is open access under a CC BY 4.0 license.*

*This volume contains peer-reviewed papers from the*

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*Fourth World Landslide Forum organized by the International Consortium on Landslides (ICL), the Global Promotion Committee of the International Programme on Landslides (IPL), University of Ljubljana (UL) and Geological Survey of Slovenia in Ljubljana, Slovenia from May 29 to June 2, 2017. The complete collection of papers from the Forum is published in five full-color volumes. This first volume contains the following:*

- *Three forum lectures*
- *Background and Content of the Sendai Partnerships 2015–2025*
- *Contribution from the signatory organizations of the Sendai Partnerships*
- *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (LIT T)*
- *Progress of the World Report*

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*on Landslides (WRL) • International Programme on Landslides (IPL): Objects, History and List of WCoE/IPL projects • UNESCO-KU-ICL UNITIWIN Network supporting IPL • Landslides: Journal of International Consortium on Landslides • International Programme on Landslides (IPL): WCoEs and IPL Projects • Landslides and Society Prof. Kyoji Sassa is the Founding President of the International Consortium on Landslides (ICL). He is Executive Director of ICL and the Editor-in-Chief of International Journal Landslides since its foundation in 2004. Prof. Matjaž Mikoš is the Forum Chair of the Fourth World Landslide Forum. He is the Vice President of International Consortium on*

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*Landslides and President of the Slovenian National Platform for Disaster Risk Reduction. Prof. Yueping Yin is the President of the International Consortium on Landslides and the Chairman of the Committee of Geo-Hazards Prevention of China, and the Chief Geologist of Geo-Hazard Emergency Technology, Ministry of Land and Resources, P.R. China. IPL (International Programme on Landslides) is a programme of the ICL. The programme is managed by the IPL Global Promotion Committee including ICL and ICL supporting organizations, UNESCO, WMO, FAO, UNISDR, UNU, ICSU, WFEO, IUGS and IUGG. The IPL contributes to the United Nations International Strategy for Disaster*

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*Reduction and the ISDR-ICL Sendai Partnerships  
2015-2025.*

*He argues that Agnesi's life is the perfect lens through  
which we can gain a greater understanding of mid-  
eighteenth-century cultural trends in continental  
Europe.*

*National Faculty Directory*

*Сокровищница восточных рукописей*

*The Mathematician's Brain*

*Combined Membership List (American Mathematical  
Society)*

*Annual Reviews of Computational Physics*

*Sufi Castigator*

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fMRI Neurofeedback provides a perspective on how the field of functional magnetic resonance imaging (fMRI) neurofeedback has evolved, an introduction to state-of-the-art methods used for fMRI neurofeedback, a review of published neuroscientific and clinical applications, and a discussion of relevant ethical considerations. It gives a view of the ongoing research challenges throughout and provides guidance for researchers new to the field on the practical implementation and design of fMRI neurofeedback protocols. This book is designed to be accessible to all scientists and clinicians interested in conducting fMRI neurofeedback research, addressing

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the variety of different knowledge gaps that readers may have given their varied backgrounds and avoiding field-specific jargon. The book, therefore, will be suitable for engineers, computer scientists, neuroscientists, psychologists, and physicians working in fMRI neurofeedback.

- Provides a reference on fMRI neurofeedback covering history, methods, mechanisms, clinical applications, and basic research, as well as ethical considerations
- Offers contributions from international experts—leading research groups are represented, including from Europe, Japan, Israel, and the United States
- Includes coverage of data analytic



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methods, study design, neuroscience mechanisms, and clinical considerations • Presents a perspective on future translational development

Recent developments in basic science and clinical rheumatology make it appropriate at this time to create a volume devoted to the immunology of rheumatic diseases. The impact of molecular biology, gene cloning and new technologies for establishing hybridomas and cell lines in the laboratory is now beginning to be felt in clinical medicine. There is a general air of excitement and a feeling that we stand on the threshold of a new era in molecular medicine and clinical science. It is this

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excitement that we have tried to capture in this book. This volume is divided into five sections entitled Basic Mechanisms, Autoimmunity, Classical Concepts of Rheumatic Diseases, Pathogenetic Mechanisms, and Therapy. This is not an arbitrary arrangement but represents our belief that from an understanding of basic mechanisms of disease pathogenesis will come new and more successful forms of treatment for the sufferers of rheumatic disorders. We have tried in the selection of authors to choose internationally recognized experts who have both a scientific and a clinical orientation to their subjects. We believe the marriage of clinical and

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basic disciplines represents the best hope for rapid knowledge transfer from the laboratory to the clinic, where such knowledge can be used to improve patient health.

Graphene is a single-layer crystal of carbon, the thinnest two-dimensional material. It has unique electronic and photonic properties.

This anthology brings together the year's finest writing on mathematics from around the world. Featuring promising new voices alongside some of the foremost names in mathematics, *The Best Writing on Mathematics* makes available to a wide audience many

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articles not easily found anywhere else--and you don't need to be a mathematician to enjoy them. These writings offer surprising insights into the nature, meaning, and practice of mathematics today. They delve into the history, philosophy, teaching, and everyday occurrences of math, and take readers behind the scenes of today's hottest mathematical debates. Here readers will discover why Freeman Dyson thinks some mathematicians are birds while others are frogs; why Keith Devlin believes there's more to mathematics than proof; what Nick Paumgarten has to say about the timing patterns of New York City's traffic lights (and

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why jaywalking is the most mathematically efficient way to cross Sixty-sixth Street); what Samuel Arbesman can tell us about the epidemiology of the undead in zombie flicks; and much, much more. In addition to presenting the year's most memorable writing on mathematics, this must-have anthology also includes a foreword by esteemed mathematician William Thurston and an informative introduction by Mircea Pitici. This book belongs on the shelf of anyone interested in where math has taken us--and where it's headed.

Soil Science: Agricultural and Environmental  
Prospectives

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Sperm Chromatin

Ahmad Kasravi and the Iranian Mystical Tradition

A Discourse Concerning Algebra

Combined Membership List, 1991-92

Principles of Physics

Lists for 19 include the Mathematical Association of America, and 1955- also the Society for Industrial and Applied Mathematics.

The purpose of this collection is to guide the non-specialist through the basic theory of various generalizations of topology, starting with clear motivations for their introduction. Structures

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considered include closure spaces, convergence spaces, proximity spaces, quasi-uniform spaces, merotopic spaces, nearness and filter spaces, semi-uniform convergence spaces, and approach spaces. Each chapter is self-contained and accessible to the graduate student, and focuses on motivations to introduce the generalization of topologies considered, presenting examples where desirable properties are not present in the realm of topologies and the problem is remedied in the more general context. Then, enough material will be covered to prepare the reader for more advanced papers on the

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topic. While category theory is not the focus of the book, it is a convenient language to study these structures and, while kept as a tool rather than an object of study, will be used throughout the book. For this reason, the book contains an introductory chapter on categorical topology.

Soil is the most important natural non-renewable resource developed over a longer period of time due to weathering of rocks and subsequently enrichment of organic matter. Soil provides habitat for numerous microorganisms and serves as a natural medium for plant growth, thereby providing



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the plants with anchorage, nutrients and water to sustain the growth. Soil also serves as a universal sink for all types of pollutants, purifies ground water and is a major reserve of carbon in the universe. The role of soils to provide ecosystem services, maintenance of environmental/human health and ensuring the food security makes it as the most important and basic natural resource. Soil Science helps us to elaborate and understand how the soils provide all these services. Soil Science also provides us the basic knowledge dealing with the origin of the soil parent material, weathering of

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parent material and the formation of soils, morphological, physico-chemical and biological features of soils, classification of soils and role of soils in the provision and maintenance of ecosystem services, food security and environmental quality. This book encompasses the various processes, functions and behaviour of soils very comprehensively to acquaint the students of soil, plant and environmental sciences about their role to perform different agricultural and environmental functions.

"This second edition of an introductory text is

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intended for advanced undergraduate and graduate students who have taken a one-year course in algebra and are familiar with complex analysis. Concrete examples and exercises illuminate chapters on curves, ring theory, arbitrary dimension, and other topics. Includes numerous updated figures specially redrawn for this edition. 2014 edition"--

Computational Imaging

A Political Handbook

Five-minute Mathematics

Combined Membership List of the American

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Mathematical Society and the Mathematical  
Association of America

At Work in the New Economy

John S. Levin, Susan T. Kater, and Richard L. Wagoner collectively argue that as community colleges organize themselves to respond to economic needs and employer demands, and as they rely more heavily upon workplace efficiencies such as part-time labor, they turn themselves into businesses or corporations and threaten their social and educational mission.

The author's goal is to start a dialogue between

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mathematicians and cognitive scientists. He discusses, from a working mathematician's point of view, the mystery of mathematical intuition: why are certain mathematical concepts more intuitive than others? To what extent does the "small scale" structure of mathematical concepts and algorithms reflect the workings of the human brain? What are the "elementary particles" of mathematics that build up the mathematical universe? The book is saturated with amusing examples from a wide range of disciplines--from turbulence to error-correcting codes to logic--as well as with just puzzles and brainteasers. Despite the very serious subject matter, the author's approach is lighthearted and

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entertaining. This is an unusual and unusually fascinating book. Readers who never thought about mathematics after their school years will be amazed to discover how many habits of mind, ideas, and even material objects that are inherently mathematical serve as building blocks of our civilization and everyday life. A professional mathematician, reluctantly breaking the daily routine, or pondering on some resisting problem, will open this book and enjoy a sudden return to his or her young days when mathematics was fresh, exciting, and holding all promises. And do not take the word "microscope" in the title too literally: in fact, the author looks around, in time and space, focusing in turn on a

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tremendous variety of motives, from mathematical "memes" (genes of culture) to an unusual life of a Hollywood star.

--Yuri I. Manin, Max-Planck Institute of Mathematics, Bonn, and Northwestern University

What's so funny about math? Lots! Especially if you're mathematically bent. In the world of Colin Adams, differential equations bring on tears of laughter. Hollywood producers hire algebraic geometers to punch up a script. In this world, math and humor are synonymous. Riot at the Calc Exam is a proof of this fact. A collection of humorous math stories, this book gives a window into mathematics and the culture of mathematicians. Appropriate for

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mathematicians, math students, math teachers, lay people with an interest in mathematics, and indeed everyone else. This book is a romp through the wild world of mathematics. On its original publication, this algebraic introduction to Grothendieck's local cohomology theory was the first book devoted solely to the topic and it has since become the standard reference for graduate students. This second edition has been thoroughly revised and updated to incorporate recent developments in the field.

Beyond Topology

English Algebra to 1685

Hundred Great Muslims



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### Green Electrospinning

The World of Maria Gaetana Agnesi, Mathematician of God

The Best Writing on Mathematics 2010

Emphasizing the interaction between political organizations and social forces, Ervand Abrahamian discusses Iranian society and politics during the period between the Constitutional Revolution of 1905-1909 and the Islamic Revolution of 1977-1979. Presented here is a study of the emergence of horizontal divisions, or socio-economic classes, in a country with strong vertical divisions based on ethnicity, religious ideology, and regional particularism. Professor

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Abrahamian focuses on the class and ethnic roots of the major radical movements in the modern era, particularly the constitutional movement of the 1900s, the communist Tudeh party of the 1940s, the nationalist struggle of the early 1950s, and the Islamic upsurge of the 1970s. In this examination of the social bases of Iranian politics, Professor Abrahamian draws on archives of the British Foreign Office and India Office that have only recently been opened; newspaper, memoirs, and biographies published in Tehran between 1906 and 1980; proceedings of the Iranian Majles and Senate; interviews with retired and

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active politicians; and pamphlets, books, and periodicals distributed by exiled groups in Europe and North America in the period between 1953 and 1980. Professor Abrahamian explores the impact of socio-economic change on the political structure, especially under the reigns of Reza Shah and Muhammad Reza Shah, and throws fresh light on the significance of the Tudeh party and the failure of the Shah's regime from 1953 to 1978.

Mathematicians are expected to publish their work: in journals, conference proceedings, and books. It is vital to advancing their careers. Later, some are asked to

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become editors. However, most mathematicians are trained to do mathematics, not to publish it. But here, finally, for graduate students and researchers interested in publishing their work, Steven G. Krantz, the respected author of several "how-to" guides in mathematics, shares his experience as an author, editor, editorial board member, and independent publisher. This new volume is an informative, comprehensive guidebook to publishing mathematics. Krantz describes both the general setting of mathematical publishing and the specifics about all the various publishing situations mathematicians may

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encounter. As with his other books, Krantz's style is engaging and frank. He gives advice on how to get your book published, how to get organized as an editor, what to do when things go wrong, and much more. He describes the people, the language (including a glossary), and the process of publishing both books and journals. Steven G. Krantz is an accomplished mathematician and an award-winning author. He has published more than 130 research articles and 45 books. He has worked as an editor of several book series, research journals, and for the Notices of the AMS. He is also the founder of the Journal of

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Geometric Analysis. Other titles available from the AMS by Steven G. Krantz are How to Teach Mathematics, A Primer of Mathematical Writing, A Mathematician's Survival Guide, and Techniques of Problem Solving.

Examines the broad-ranging domestic roles of Iran's Islamic Revolutionary Guards Corps, assessing its influence over Iran's political culture, economy, and society and its ability to shape the political future of the Islamic Republic of Iran.--Publisher description.

Neurobiology of Language explores the study of language, a field that has seen tremendous progress in

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the last two decades. Key to this progress is the accelerating trend toward integration of neurobiological approaches with the more established understanding of language within cognitive psychology, computer science, and linguistics. This volume serves as the definitive reference on the neurobiology of language, bringing these various advances together into a single volume of 100 concise entries. The organization includes sections on the field's major subfields, with each section covering both empirical data and theoretical perspectives. "Foundational" neurobiological coverage is also

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provided, including neuroanatomy, neurophysiology, genetics, linguistic, and psycholinguistic data, and models. Foundational reference for the current state of the field of the neurobiology of language Enables brain and language researchers and students to remain up-to-date in this fast-moving field that crosses many disciplinary and subdisciplinary boundaries Provides an accessible entry point for other scientists interested in the area, but not actively working in it – e.g., speech therapists, neurologists, and cognitive psychologists Chapters authored by world leaders in the field – the broadest, most expert coverage available



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Notices of the American Mathematical Society

Advancing Culture of Living with Landslides

Local Cohomology

A Conversation with Seyyed Hossein Nasr on His Life  
and Thought

Postrevolutionary Iran

Combined Membership List

**The Mathematician's Brain poses a provocative question about the world's most brilliant yet eccentric mathematical minds: were they brilliant because of their eccentricities or in spite of them? In this thought-provoking and entertaining book, David Ruelle, the well-**

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known mathematical physicist who helped create chaos theory, gives us a rare insider's account of the celebrated mathematicians he has known—their quirks, oddities, personal tragedies, bad behavior, descents into madness, tragic ends, and the sublime, inexpressible beauty of their most breathtaking mathematical discoveries.

Consider the case of British mathematician Alan Turing. Credited with cracking the German Enigma code during World War II and conceiving of the modern computer, he was convicted of "gross indecency" for a homosexual affair and died in 1954 after

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eating a cyanide-laced apple--his death was ruled a suicide, though rumors of assassination still linger. Ruelle holds nothing back in his revealing and deeply personal reflections on Turing and other fellow mathematicians, including Alexander Grothendieck, René Thom, Bernhard Riemann, and Felix Klein. But this book is more than a mathematical tell-all. Each chapter examines an important mathematical idea and the visionary minds behind it. Ruelle meaningfully explores the philosophical issues raised by each, offering insights into the truly unique and creative ways

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mathematicians think and showing how the mathematical setting is most favorable for asking philosophical questions about meaning, beauty, and the nature of reality. The Mathematician's Brain takes you inside the world--and heads--of mathematicians. It's a journey you won't soon forget.

Prior to 2011, popular imagination perceived the Muslim Middle East as unchanging and unchangeable, frozen in its own traditions and history. In *Life as Politics*, Asef Bayat argues that such presumptions fail to recognize the routine, yet important, ways in which ordinary people make meaningful change

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through everyday actions. First published just months before the Arab Spring swept across the region, this timely and prophetic book sheds light on the ongoing acts of protest, practice, and direct daily action. The second edition includes three new chapters on the Arab Spring and Iran's Green Movement and is fully updated to reflect recent events. At heart, the book remains a study of agency in times of constraint. In addition to ongoing protests, millions of people across the Middle East are effecting transformation through the discovery and creation of new social spaces within which to

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make their claims heard. This eye-opening book makes an important contribution to global debates over the meaning of social movements and the dynamics of social change. The Best Writing on Mathematics 2010 Princeton University Press

In this book, a series of interviews offers an accessible, revealing, human and intellectual biography of leading Islamic scholar Seyyed Hossein Nasr. \* An explanatory foreword, "The Spiritual and Intellectual Journey of Seyyed Hossein Nasr" by Jamin Jahanbegloo \* An introduction by Terry Moore \* Organization by both chronology and concept

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to facilitate ease of use for students and  
scholars, as well as for more casual readers

Meed The Middle Easts Business Weekly

Graphene Photonics

Advances in Decision Analysis

Biological and Clinical Applications in Male  
Infertility and Assisted Reproduction

Community College Faculty

Notes on Cognitive Aspects of Mathematical  
Practice

"The anthology produced by the experts of  
the Institute of Oriental Studies (IOS) of  
the Academy of Sciences and foreign

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experts, Marco Di Bella (Italy) and Antonio Mirabile (Italy), contains materials that provide a description of the manuscript collection at the IOS of the Academy of Sciences representing more than 26,000 manuscripts and 39,000 lithographs in Arabic script. It highlights the history of the Institute's manuscript collection and provides an analysis of the subject matter. The work also covers the art of book writing and the activities of representatives from various schools of calligraphy and



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ornamental art such as miniature illustrations on the collection's manuscripts and specific features of their bindings. Furthermore, it investigates the development of paper production and describes the different paper types used in the manuscripts. This anthology contains a proposal for the conservation and examination of the condition of the manuscript collection of the Institute."--Title page verso.

A comprehensive and up-to-date textbook and reference for computational imaging,

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which combines vision, graphics, signal processing, and optics. Computational imaging involves the joint design of imaging hardware and computer algorithms to create novel imaging systems with unprecedented capabilities. In recent years such capabilities include cameras that operate at a trillion frames per second, microscopes that can see small viruses long thought to be optically irresolvable, and telescopes that capture images of black holes. This text offers a comprehensive and up-to-date introduction

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to this rapidly growing field, a convergence of vision, graphics, signal processing, and optics. It can be used as an instructional resource for computer imaging courses and as a reference for professionals. It covers the fundamentals of the field, current research and applications, and light transport techniques. The text first presents an imaging toolkit, including optics, image sensors, and illumination, and a computational toolkit, introducing modeling, mathematical tools, model-based

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inversion, data-driven inversion techniques, and hybrid inversion techniques. It then examines different modalities of light, focusing on the plenoptic function, which describes degrees of freedom of a light ray. Finally, the text outlines light transport techniques, describing imaging systems that obtain micron-scale 3D shape or optimize for noise-free imaging, optical computing, and non-line-of-sight imaging. Throughout, it discusses the use of computational imaging methods in a range

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of application areas, including smart phone photography, autonomous driving, and medical imaging. End-of-chapter exercises help put the material in context.

The last two decades have seen electrospinning of nanofibers performed mainly from solutions of toxic organic solvents. The increase in demand for scaling up electrospinning in recent years therefore requires an environmentally friendly process free of organic solvents. This book addresses techniques for clean and safe electrospinning in the

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fabrication of green nanofibers and their potential applications.

Sperm DNA damage is common and has been associated with reduced rates of conception, impaired embryonic development and increased risk of miscarriage.

Although the exact causes of sperm DNA damage are unknown, it is clear that infertile men possess substantially higher levels of sperm DNA damage than do fertile men. Written by leading, internationally renowned clinicians and basic scientists with expertise in sperm DNA, Sperm

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**Chromatin: Biological and Clinical Applications in Male Infertility and Assisted Reproduction** provides readers with a thoughtful and comprehensive review of the biological and clinical significance of sperm DNA damage. The work covers the fundamental principles of sperm chromatin architecture and function, the proposed modes of DNA damage and repair, the tests of sperm DNA damage, the clinical aspects of DNA damage and the impact of DNA damage on reproductive outcome. Unlike any other title on the

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topic, **Sperm Chromatin: Biological and Clinical Applications in Male Infertility and Assisted Reproduction** is an invaluable addition to the literature and will serve as an indispensable resource for basic scientists with an interest in sperm biology and for urologists, gynecologists, reproductive endocrinologists, and embryologists working in the field of infertility.

**fMRI Neurofeedback**

**Assessing the Domestic Roles of Iran's Islamic Revolutionary Guards Corps**



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**A Guidebook**

**A Personal Tour Through the Essentials of  
Mathematics and Some of the Great Minds  
Behind Them**

**The Rise of the Pasdaran**

**Sufi Castigator investigates the writings of  
Ahmad Kasravi, one of the foremost  
intellectuals in Iran. It studies his work within  
the context of Sufism in modern Iran and  
mystical Persian literature and includes  
translations of Kasravi's writings. Kasravi**

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**provides a fascinating topic for those with interests in Sufism and Iranian studies as he attempted to produce a form of Iranian identity that he believed was compatible with the modern age and Iranian nationalism. His stress on reason and the de-mystification of religion caused him to repudiate Sufism and much of the Sufi literary heritage as backwards and believed it a reason for the weakness of modern Iran. Kasravi's historical observations were weak, and his writings indicate that he was working towards pre-determined conclusions. However, his works are of significance because they contributed to a major discussion in the**

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**1930s to 1940s about the ideal image and identity that Iranians should adopt. Despite the academic weaknesses of Kasravi's works he had a profound effect on the next generation of thinkers. Sufi Castigator is stimulating and meticulously researched book and includes two lengthy translations of Kasravi's works, Sufism and What does Hafez Say? and will appeal to scholars of middle eastern studies.**

**This collection of one hundred short essays gives readers a grand tour through contemporary and everyday mathematics. Behrends provides classics from his newspaper column in Die Welt, expands and illustrates**

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**them, and gives readers just enough information at a time to build mastery of concepts and applications. The topics range from pure mathematics to applied math, but all essays are suspenseful and fun to read. This is a very handy tool for teachers of all levels of mathematics (even elementary school children will be able to handle some of the topics), and Behrends assumes his readership has and interest but only a minimal background in mathematics so the essays are accessible but not dumbed-down.**

**The present book finds its roots in the International Conference on Methods and**

**Applications of Multiple Criteria Decision Making held in Mons in May 1997. A small number of contributions to that conference were selected via a refereeing procedure and retained authors were requested to include in their final version their more recent results. This explains why some papers differ significantly from the original presentation. The introductory paper of Raynaud addresses the long range forecasts in Multiple Criteria Decision Making on the basis of a Delphi process that was run before and during the congress. In a second part, the French author explains how he and some of his partners could**

**find the proof of an important conjecture : the iteration of a strongly monotonic choice function is not a strongly monotonic ranking function. The second part of the book covers methodological aspects of decision theory. The contribution of Bouyssou and Pirlot concerns the reformulation of classical conjoint measurement models that induce a complete and transitive preference binary relation on the set of alternatives which seem to be unrealistic when decision makers are asked to compare objects evaluated on several attributes. The authors propose to consider non transitive, non complete and non additive decomposable**

**conjoint models. They define properties that characterize such models.**

**Enter the “fascinating” and frightening world of modern forensic psychology as experienced by one of the most respected practitioners in the field today (Robert K. Tanenbaum, New York Times-bestselling author). At the heart of countless crimes lie the mysteries of the human mind. In this eye-opening book, Dr. Cheryl Paradis draws back the curtain on the fascinating world of forensic psychology, and revisits the most notorious and puzzling cases she has handled in her multifaceted career. Her riveting, sometimes shocking stories reveal the**

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**crucial and often surprising role forensic psychology plays in the pursuit of justice—in which the accused may truly believe their own bizarre lies, creating a world that pushes them into committing horrific, violent crimes. Join Dr. Paradis in a stark concrete cell with the indicted as she takes on the daunting task of mapping the suspect's madness or exposing it as fakery. Take a front-row seat in a tense, packed courtroom, where her testimony can determine an individual's fate—or if justice will be truly served. The criminal thought process has never been so intimately revealed—or so darkly compelling—as in this “excellent and**



**entertaining” journey into the darkest corners  
of the human mind (Booklist).**

**Mathematics Under the Microscope**

**Elementary Algebraic Geometry**

**Volume 1 ISDR-ICL Sendai Partnerships**

**2015-2025**

**Neurobiology of Language**

**Iran Between Two Revolutions**

**How Ordinary People Change the Middle East,  
Second Edition**

*The 1979 revolution fundamentally altered Iran's  
political landscape as a generation of inexperienced  
clerics who did not hail from the ranks of the upper*

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*class-and were not tainted by association with the old regime-came to power. The actions and intentions of these truculent new leaders and their lay allies caused major international concern. Meanwhile, Iran's domestic and foreign policy and its nuclear program have loomed large in daily news coverage. Despite global consternation, however, our knowledge about Iran's political elite remains skeletal. Nearly four decades after the clergy became the state elite par excellence, there has been no empirical study of the recruitment, composition, and circulation of the Iranian ruling members after 1979. Postrevolutionary Iran: A Political Handbook provides the most*

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*comprehensive collection of data on political life in postrevolutionary Iran, including coverage of 36 national elections, more than 400 legal and outlawed political organizations, and family ties among the elite. It provides biographical sketches of more than 2,300 political personalities ranging from cabinet ministers and parliament deputies to clerical, judicial, and military leaders, much of this information previously unavailable in English. Providing a cartography of the complex structure of power in postrevolutionary Iran, this volume offers a window not only into the immediate years before and after the Iranian Revolution but also into what has happened during the*

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*last four turbulent decades. This volume and the data it contains will be invaluable to policymakers, researchers, and scholars of the Middle East alike.*

*Immunology of Rheumatic Diseases*

*An Algebraic Introduction with Geometric Applications*

*Mathematical Publishing*

*The Measure of Madness:*

*Life as Politics*

*Second Edition*