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Menelaus' >Spherics<MathematiciansHandbook of ELISPOTElectric CircuitsGeometry, Homework Practice WorkbookTectonics of the Indian SubcontinentMap CrosswordsNeuroglia in Neurodegenerative DiseasesElectrochemistry in a Divided WorldArtificial Intelligence and Soft ComputingBridging Transcultural DividesThe Literary Work of ArtThe Van Hiele Model of Thinking in Geometry Among AdolescentsSinners in the Hands of an Angry GodJacula Prudentum: Outlandish Proverbs, Sentences, Etc.UNESCO General History of Africa, Vol. III, Abridged EditionCommunication Law in AmericaThe First Six Books of the Elements of EuclidNuclear Safety in Light Water ReactorsCore ConnectionsBeginning AlgebraBeginning and Intermediate AlgebraThe Ecology and Etiology of Newly Emerging Marine DiseasesQuantum Reality and Theory of ŚūnyaMalingering and Illness DeceptionCommon Core GeometryHeavenly MathematicsDiscovering GeometryHandbook of NeuropsychologyAfrican Geography for SchoolsArtistic Visions and the Promise of BeautyEnvironmental Factors, Genes, and the Development of Human CancersManagement of Dead Bodies in Disaster SituationsThe Slaughter of the Jews in the Ukraine in 1919Open Middle MathAdvances in Artificial Systems for Medicine and Education IIAmsco's GeometryפירוסימיתבונרובעFundamental Concepts of GeometryLinguistic Archaeology of South Asia

Menelaus' >Spherics<

Photographs accompanied by autobiographical text written by each mathematician.

Mathematicians

This book provides a comprehensive overview of the role of neuroglia in neurodegenerative diseases. Neuroglia are the most abundant cells in the nervous system and consist of several distinct cell types, such as astrocytes, oligodendrocytes, and microglia. Accumulating evidence suggests that neuroglia participate in the neurodegenerative process, and as such are essential players in a variety of diseases, including Alzheimer's, Parkinson's, and Huntington's. Intended for researchers and students, the book presents recent advances concerning the biology of neuroglia as well as their interaction with neurons during disease progression. In addition, to highlight the function of neuroglia in different types of neurodegenerative disease, it also discusses their mechanisms and effects on protecting or damaging neurons.

Handbook of ELISPOT

Get Better Results with high quality content, exercise sets, and step-by-step pedagogy! Tyler Wallace continues to offer an

enlightened approach grounded in the fundamentals of classroom experience in Beginning and Intermediate Algebra. The text reflects the compassion and insight of its experienced author with features developed to address the specific needs of developmental level students. Throughout the text, the author communicates to students the very points their instructors are likely to make during lecture, and this helps to reinforce the concepts and provide instruction that leads students to mastery and success. The exercises, along with the number of practice problems and group activities available, permit instructors to choose from a wealth of problems, allowing ample opportunity for students to practice what they learn in lecture to hone their skills. In this way, the book perfectly complements any learning platform, whether traditional lecture or distance-learning; its instruction is so reflective of what comes from lecture, that students will feel as comfortable outside of class as they do inside class with their instructor.

Electric Circuits

Manuel de géographie africaine avec, en 3e partie, des suggestions pour l'enseignement de cette discipline dans les écoles africaines.

Geometry, Homework Practice Workbook

Tectonics of the Indian Subcontinent

"Spherical trigonometry was at the heart of astronomy and ocean-going navigation for two millennia. The discipline was a mainstay of mathematics education for centuries, and it was a standard subject in high schools until the 1950s. Today, however, it is rarely taught. Heavenly Mathematics traces the rich history of this forgotten art, revealing how the cultures of classical Greece, medieval Islam, and the modern West used spherical trigonometry to chart the heavens and the Earth."--Jacket.

Map Crosswords

In this first book dedicated entirely to the ELISPOT, a critical enzyme-linked immunospot assay used widely in biomedical research, recognized experts with first-hand experience detail how to design, perform, and analyze these assays. The readily reproducible techniques they provide cover a wide variety of topics, including the use of membrane-backed plates, the standardization and validation procedures, the removal of cells from ELISPOT plates, cell separation techniques, and the quantification of ELISPOT data.

Neuroglia in Neurodegenerative Diseases

The maps in this book represent a wide range of map skills and cartographic styles. The intent is to expose students to a variety of maps so that they can develop skills to apply to the maps they encounter in the real world or in other content areas.

Electrochemistry in a Divided World

Hardbound. Whereas the first five volumes of the Handbook are essentially dedicated to the neuropsychology of adulthood and aging, Volumes 6 and 7 deal with child neuropsychology. They provide information on the anatomy of brain development and some of its pathologies, specialization and plasticity, developmental and acquired neuropsychology, and the limits of plasticity in the immature brain. Handedness, and the relationship of developmental learning disorders and cerebral dominance are widely discussed. Volume 6 focusses on the immature brain, structural, functional, and behavioral assessment, mental deficiency and disorders of sensorimotor functions. The book will keep all scientists working in the field of neuropsychology abreast of recent developments, and points to future paths to be explored in this rapidly expanding area.

Artificial Intelligence and Soft Computing

To provide students with a comprehensive textbook designed for complete coverage of the New York State Core Curriculum for Geometry.

Bridging Transcultural Divides

The Literary Work of Art

"Byrne considered that it might be easier to learn geometry if colors were substituted for the letters usually used to designate the angles and lines of geometric figures. Instead of referring to, say, 'angle ABC,' Byrne's text substituted a blue or yellow or red section equivalent to similarly colored sections in the theorem's main diagram."--Friedman.

The Van Hiele Model of Thinking in Geometry Among Adolescents

Sinners in the Hands of an Angry God

This popular, pedagogically rich mainstream text for beginning algebra teaches by the use of clear models and detailed explanations, a consistent and well developed problem-solving strategy, and an emphasis on estimation skills. These elements all reflect the author's philosophy of teaching, and the concepts are continually reinforced throughout the text by the thoughtful and well-designed use of pedagogy.

Jacula Prudentum: Outlandish Proverbs, Sentences, Etc.

The Homework Practice Workbook contains two worksheets for every lesson in the Student Edition. This workbook helps students: Practice the skills of the lesson, Use their skills to solve word problems.

UNESCO General History of Africa, Vol. III, Abridged Edition

Despite a rich and turbulent history spanning several centuries, malingering continues to be a controversial and neglected clinical condition that has significant implications for medical, social, legal and insurance interests. Estimates of malingering - the wilful, intentional attempt to simulate or exaggerate illness in the pursuit of a consciously desired end - vary greatly, despite the fact that malingering is believed to contribute substantially to fraudulent health care and social welfare costs. There is little consensus about what would constitute a coherent assessment of malingering, and base rates have been difficult to establish. Malingering remains a difficult attribution to make not least since it falls outside the remit of the formal psychiatric classifications. Labelling a person as a malingerer however, has significant medico-legal, personal and economic ramifications for both subject and accuser. Viewed in this way, malingering is not so much illness behavior in search of a disease, as the manifestation of a conflict between personal and social values. The aim of this book is to effect an integration of the different medical, forensic, neuropsychological, legal and social perspectives. The book provides an overview of progress in disparate fields relevant to the subject, including how recent social and neuroscience findings regarding volition, intentional states and theory of mind may have implications for informing detection, management and ultimately its explanation.

Communication Law in America

Cancer is a complex disease. Only 5-10% of human cancers are hereditary in nature. Many of us think of environmental agents when we think of carcinogens. The environment includes all that surrounds us, and environmental influences include not only chemical, physical and biological toxicants, but also diet and lifestyle. In this broadest sense, the environment

contributes substantially in the development of human cancer. This book will describe how environment contributes to malignant transformation leading to profound changes in the genetic and signaling networks that control the functioning of the cell. It will critically discuss the understanding of the effects of environment on the development, progression and metastasis of cancer with current knowledge of the signaling networks that support functioning of transformed human cells. Genes and environmental factors that influence the origins of cancer are not necessarily the same as those that contribute to its progression and metastasis. Susceptibility gene variants for each specific cancer are being identified with emerging evidence of gene-environment interaction. Gene-environment interactions will be discussed through each specific cancer-based approach to address the question of how genetic variations can influence susceptibility to the individual type of cancer. It will also highlight and summarize epigenetic changes that increase the risk for susceptibility to a particular type of cancer, particularly in the presence of specific environmental factors. Thus, this book will contain chapters from the world's experts focused on the current evidences that support the role of environment in the cancer etiology and in the growth of malignant lesions, and discuss who may be susceptible to environmental influences.

The First Six Books of the Elements of Euclid

Nuclear Safety in Light Water Reactors

This books documents the salient characters of the tectonic evolution of the Indian subcontinent. It showcases the well investigated subcontinent of Gondwana. The book is linked to an updated geological and tectonic map of this region on 1:12,000,000 in scale. The Indian subcontinent displays almost uninterrupted and unique the geological history since about Eo-Archean (~3800 Ma) to recent, with the development of many Proterozoic deformed and metamorphosed fold belts around Archean nuclei, and enormously thick undeformed platform deposits. After their stabilization during late Proterozoic, the subcontinent underwent Paleozoic rifting and deposition of coal-bearing thick sequences, followed by enormously-thick outpouring of Deccan volcanics as a consequence of huge mantle plume. The youngest event in its evolution is the Cenozoic Himalayan Orogenic Mountains, spanning the area between Nanga Parbat and Namcha Barwah; a part of which extends both in Pakistan and Myanmar.

Core Connections

This volume examines the motives behind rejections of beauty often found within contemporary art practice, where much critically acclaimed art is deliberately ugly and alienating. It reflects on the nature and value of beauty, asking whether beauty still has a future in art and what role it can play in our lives generally. The volume discusses the possible “end of

art,” what art is, and the relation between art and beauty beyond their historically Western horizons to include perspectives from Asia. The individual chapters address a number of interrelated issues, including: art, beauty and the sacred; beauty as a source of joy and consolation; beauty as a bridge between the natural and the human; beauty and the human form; the role of curatorial practice in defining art; order and creativity; and the distinction between art and craft. The volume offers a valuable addition to cross-cultural dialogue and, in particular, to the sparse literature on art and beauty in comparative context. It demonstrates the relevance of the rich tradition of Asian aesthetics and the vibrant practices of contemporary art in Asia to Western discussions about the future of art and the role of beauty.

Beginning Algebra

The book deals with expounding the nature of Reality as it is understood in contemporary times in Quantum Physics. It also explains the classical Indian theory of Śūnya in its diverse facets. Thereafter it undertakes comparison between the two which is an area of great topical interest. It is a cross-disciplinary study by erudite Indian and western scholars between traditional Indian knowledge system and contemporary researches in Physical sciences. It points out how the theory of ‘Śūnyatā has many seminal ideas and theories in common with contemporary Quantum Physics. The learned authors have tried to dissolve the “mysteries” of Quantum Physics and resolved its “weird paradoxes” with the help of theory of Śūnyatā. The issue of non-separability or entanglement has been approached with the help of the Buddhist theory of Pratīyasamutpāda. The paradoxical situation of “wave-particle duality” has been explained with the help of Upaniṣadic theory of complementarity of the two opposites. The measurement problem represented by “Schrodinger’s cat” has been dealt with by resorting to two forms of the calculation of probabilities. Some writers have argued for Śūnyatā-like non-essentialist position to understand quantum reality. To make sense of quantum theory some papers provide a happy symbiosis of technical understanding and personal meditative experience by drawing multifarious parallels. This book will be of interest to philosophically inclined physicists and philosophers with interest in quantum mechanics.

Beginning and Intermediate Algebra

This book brings together linguistic and archaeological evidence of South Asian prehistory. The author depicts and analyses the region, in particular the Indus Valley civilization, its links with neighbouring regions and its implications for social history. Each type of linguistic data is put into its socio-historical context. Consequently, the book is both a description of the unique methodology 'linguistic archaeology' and a treatment of South Asian linguistic data.

The Ecology and Etiology of Newly Emerging Marine Diseases

"The book first places Africa in the context of world history at the opening of the seventh century, before examining the general impact of Islamic penetration, the continuing expansion of the Bantu-speaking peoples, and the growth of civilizations in the Sudanic zones of West Africa"--Back cover.

Quantum Reality and Theory of Śūnya

"The impressive and stimulating essays in Bridging Transcultural Divides deal with the cultural and educational issues in the Australian context. () The book's central message is that education for Asian students in Australia, and more broadly in the West, can no longer be seen as a one-way transfer of knowledge, but must be understood as a process of reciprocal learning in which both teachers and students are changed by the experience." - Prof. Tim Wright, University of Sheffield.

Malingering and Illness Deception

The Ecology and Etiology of Newly Emerging Marine Diseases is a unique contribution to an entirely new field of scientific investigation. For the first time, material presented in this book identifies patterns and trends in the abundance and distribution of disease phenomena in the marine environment. These patterns have gone unrecognised and undetected in the past because the literature in this field is so widely scattered. The book is both interdisciplinary and synthetic. Studies in this book unequivocally link marine diseases to global climate change. The book changes our perspective on the major controls over the population dynamics of marine organisms. Papers in this volume clearly identify the intimate connection between public health and environmental health for marine-borne diseases such as cholera and human enteroviruses.

Common Core Geometry

This vital reference is the only one-stop resource on how to assess, prevent, and manage severe nuclear accidents in the light water reactors (LWRs) that pose the most risk to the public. LWRs are the predominant nuclear reactor in use around the world today, and they will continue to be the most frequently utilized in the near future. Therefore, accurate determination of the safety issues associated with such reactors is central to a consideration of the risks and benefits of nuclear power. This book emphasizes the prevention and management of severe accidents, in order to teach nuclear professionals how to mitigate potential risks to the public to the maximum extent possible. Engineers, researchers, students and the personnel of vendors, safety authorities and nuclear power generation organizations require the knowledge offered by this volume's globally renowned experts to ensure they obtain a core competency in nuclear safety. Organizes and presents all the latest thought on LWR nuclear safety in one consolidated volume, provided by the top experts in the field, ensuring high-quality, credible and easily accessible information Explains how developments in the field of LWR severe

accidents have provided more accurate determinations of risk, thereby shedding new light on the debates surrounding nuclear power safety, particularly in light of the recent tragedy in Japan Concentrates on prevention and management of accidents, developing methodologies to estimate the consequences and associated risks

Heavenly Mathematics

Jacula Prudentum, or "Darts of the Wise," is a collection of almost 1200 proverbs compiled by George Herbert in the seventeenth century. This collection includes many well-known sayings such as: "Whose house is of glass must not throw stones at another," "All is not gold that glitters," "Help thyself, and God will help thee," and "You may bring a horse to the river, but he will drink when and what he pleaseth." "The collection is curious and interesting. Proverbs formed a favorite study of that age."-Rev. Robert Willmott.

Discovering Geometry

Handbook of Neuropsychology

Demonstrates relationships between different types of geometry. Provides excellent overview of the foundations and historical evolution of geometrical concepts. Exercises (no solutions). Includes 98 illustrations.

African Geography for Schools

Artistic Visions and the Promise of Beauty

This book includes the proceedings of the Second International Conference of Artificial Intelligence, Medical Engineering, Education (AIMEE2018), held in Moscow, Russia, on 6-8 October 2018. The conference covered advances in the development of artificial intelligence systems and their applications in various fields, from medicine and technology to education. The papers presented in the book discuss topics in mathematics and biomathematics; medical approaches; and technological and educational approaches. Given the rapid development of artificial intelligence systems, the book highlights the need for more intensive training for a growing number of specialists, particularly in medical engineering, to increase the effectiveness of medical diagnosis and treatment. The book is intended for specialists, students and other readers who would like to know where artificial intelligence systems can beneficially be applied in the future.

Environmental Factors, Genes, and the Development of Human Cancers

This manual will ensure that the management of massive fatalities forms part of disaster preparedness and response plans, and that it is a fundamental aspect of humanitarian assistance to survivors and rehabilitation and reconstruction programs. The manual provides the technical information that will support the correct approach to handling dead bodies. Contents: Preparedness for mass deaths; Medicolegal work in major disasters; Health considerations in cases of mass fatalities; Sociocultural aspects; Psychological aspects; Legal aspects; Cases studies; Final recommendations; Myths and realities of management of dead bodies in disasters; and Glossary. Illustrations.

Management of Dead Bodies in Disaster Situations

The Slaughter of the Jews in the Ukraine in 1919

This Laboratory Manual accompanies the sixth edition of Electric Circuits.

Open Middle Math

Despite its importance in the history of Ancient science, Menelaus' Spherics is still by and large unknown. This treatise, which lies at the foundation of spherical geometry, is lost in Greek but has been preserved in its Arabic versions. The reader will find here, for the first time edited and translated into English, the essentials of this tradition, namely: a fragment of an early Arabic translation and the first Arabic redaction of the Spherics composed by al-Māhānī /al-Harawī, together with a historical and mathematical study of Menelaus' treatise. With this book, a new and important part of the Greek and Arabic legacy to the history of mathematics comes to light. This book will be an indispensable acquisition for any reader interested in the history of Ancient geometry and science and, more generally, in Greek and Arabic science and culture.

Advances in Artificial Systems for Medicine and Education II

In this collection of interrelated essays, the authors review landmark developments in electrochemistry building on biographic material and personal insight. The book facilitates understanding of the innate pathways of developments in electrochemical science as a result of lucky circumstances fitting to objective conditions. Thus the book will help to understand the present state of electrochemistry and offer inspiration for solving today's scientific challenges. The authors as experienced electrochemists from the U.S., Western and Eastern Europe also provide guidance for scientific careers by

presenting biographical examples of famous electrochemists.

Amsco's Geometry

Communication Law in America is a comprehensive, easy-to-follow overview of the complicated ways in which U.S. law determines who may say what to (and about) whom. It covers the usual content- libel, invasion of privacy, copyright and trademark, access to government information, advertising, electronic media- all the while giving readers a sense of how and why this country has come to weigh freedom of speech above competing freedoms far more often than in other Western democracies. This fourth edition of the well-received text boasts over 300 new citations, including discussion of a dozen U. S. Supreme Court decisions handed down since the previous edition. The nearly 200 still photos and over 80 videos on the author-maintained website - generally not images of litigants but of the actual artifacts (TV and movie scenes, advertisements, news reports) that led to the law suits- have always represented dramatic added value to students and professors alike. The new edition includes 35 new visual elements, including 20 videos. The text also offers a new section on how the First Amendment applies to special populations, including students, government employees in general, and the military in particular.

ורבע סימימ מירופיס

The two-volume set LNAI 7894 and LNCS 7895 constitutes the refereed proceedings of the 12th International Conference on Artificial Intelligence and Soft Computing, ICAISC 2013, held in Zakopane, Poland in June 2013. The 112 revised full papers presented together with one invited paper were carefully reviewed and selected from 274 submissions. The 56 papers included in the second volume are organized in the following topical sections: evolutionary algorithms and their applications; data mining; bioinformatics and medical applications; agent systems, robotics and control; artificial intelligence in modeling and simulation; and various problems of artificial intelligence.

Fundamental Concepts of Geometry

This long-awaited translation of Das literarische Kunstwerk makes available for the first time in English Roman Ingarden's influential study. Though it is inter-disciplinary in scope, situated as it is on the borderlines of ontology and logic, philosophy of literature and theory of language, Ingarden's work has a deliberately narrow focus: the literary work, its structure and mode of existence. The Literary Word of Art establishes the groundwork for a philosophy of literature, i.e., an ontology in terms of which the basic general structure of all literary works can be determined. This "essential anatomy" makes basic tools and concepts available for rigorous and subtle aesthetic analysis.

Linguistic Archaeology of South Asia

"The CAFE is an acronym for Comprehension, Accuracy, Fluency, and Expanding Vocabulary. The book provides a framework and system for teaching reading through these core components, and guides readers through the process of responsive teaching"--

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