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Contesting The Future Of Nuclear Power: A Critical Global Assessment Of Atomic Energy Oxford University Press on Demand

Children are already learning at birth, and they develop and learn at a rapid pace in their early years. This provides a critical foundation for lifelong progress, and the adults who provide for the care and the education of young children bear a great responsibility for their health, development, and learning. Despite the fact that they share the same objective - to nurture young children and secure their future success - the various practitioners who contribute to the care and the education of children from birth through age 8 are not acknowledged as a workforce unified by the common knowledge and competencies needed to do their jobs well. *Transforming the Workforce for Children Birth Through Age 8* explores the science of child development, particularly looking at implications for the professionals who work with children. This report examines the current capacities and practices of the workforce, the settings in which they work, the policies and infrastructure that set qualifications and provide professional learning, and the government agencies and other funders who support and oversee these systems. This book then makes recommendations

to improve the quality of professional practice and the practice environment for care and education professionals. These detailed recommendations create a blueprint for action that builds on a unifying foundation of child development and early learning, shared knowledge and competencies for care and education professionals, and principles for effective professional learning. Young children thrive and learn best when they have secure, positive relationships with adults who are knowledgeable about how to support their development and learning and are responsive to their individual progress. *Transforming the Workforce for Children Birth Through Age 8* offers guidance on system changes to improve the quality of professional practice, specific actions to improve professional learning systems and workforce development, and research to continue to build the knowledge base in ways that will directly advance and inform future actions. The recommendations of this book provide an opportunity to improve the quality of the care and the education that children receive, and ultimately improve outcomes for children.

University Physics National Academies Press
"A lively and thought-provoking study of gender in the Arthurian community. It is at once theoretically sophisticated and highly readable, full of insightful close readings yet conscious of larger patterns of analysis."--Laurie Finke, Kenyon College
Gender and the Chivalric Community in Malory's *Morte d'Arthur* reveals, for the first time in a book-length study, how Thomas Malory's unique approach to gender identity in his revisions of earlier Arthurian works produces a text entirely unlike others in the canon of medieval romance. Armstrong argues that issues of masculine and feminine gender identity play more critical, central roles in *Le Morte d'Arthur* than they do in Malory's sources or other chivalric literature.

Effectively merging contemporary gender and feminist criticism with careful analysis of Malory's sources, Armstrong uncovers how gender ideals established in the early pages of the text subsequently inspire and mediate the action of the narrative; moreover, her analysis shows how such ideals become progressively more divisive and destructive as *Le Morte d'Arthur* moves toward its inevitable conclusion. Recent articles and essays have shed much-needed light on various individual aspects of gender in Malory's text. However, only a sustained, book-length analysis like Armstrong's can fully articulate the relationships of gender to other chivalric ideals, such as mercy and martial prowess, that become increasingly complex as the narrative progresses. This study examines not only the most frequently read portions of the *Morte* but also those sections that often are regarded as extraneous to the primary narrative, such as the *Tristram, Gareth, and Roman War* episodes. By showing how gender operates in both the well-known and the less-appreciated portions of Malory's work, *Gender and the Chivalric Community* demonstrates that his text possesses far more narrative unity than previously thought. Armstrong provides a sophisticated yet accessible approach to the study of gender and its relation to other chivalric ideals in *Le Morte d'Arthur*, offering important insights for scholars and students of medieval romance, Malory, Arthurian literature, and gender and feminist criticism. Dorsey Armstrong is assistant professor of medieval literature at Purdue University. Her work has most recently appeared in *Arizona Studies in the Middle Ages and the Renaissance* and *On Arthurian Women: Essays in Honor of Maureen Fries*. *City of Light* Prentice Hall

This book provides a concise but rigorous appraisal about the future of nuclear power and the presumed nuclear renaissance. It does so by assessing the technical, economic, environmental, political, and social risks related to all aspects of the nuclear fuel cycle, from uranium mills and mines to nuclear reactors and spent fuel storage facilities. In each case, the book argues that the costs of nuclear power significantly outweigh its benefits. It concludes by calling for investments in renewable energy and energy efficiency as a better path towards an affordable, secure, and socially acceptable future. The prospect of a global nuclear renaissance could change the way that energy is produced and used the world over. *Sovacool* takes a hard look at who would benefit — mostly energy companies and manufacturers —

and who would suffer — mostly taxpayers, those living near nuclear facilities, and electricity customers. This book is a must-read for anyone even remotely concerned about a sustainable energy future, and also for those with a specific interest in modern nuclear power plants.

Fungal Diseases Springer

How Students Learn: Science in the Classroom builds on the discoveries detailed in the best-selling **How People Learn**. Now these findings are presented in a way that teachers can use immediately, to revitalize their work in the classroom for even greater effectiveness. Organized for utility, the book explores how the principles of learning can be applied in science at three levels: elementary, middle, and high school. Leading educators explain in detail how they developed successful curricula and teaching approaches, presenting strategies that serve as models for curriculum development and classroom instruction. Their recounting of personal teaching experiences lends strength and warmth to this volume. This book discusses how to build straightforward science experiments into true understanding of scientific principles. It also features illustrated suggestions for classroom activities.

Gender and the Chivalric Community in Malory's Morte D'Arthur National Academies Press

In this book 60 authors from many disciplines and from 18 countries on five continents examine in ten parts: Moving towards Sustainability Transition; Aiming at Sustainable Peace; Meeting Challenges of the 21st Century: Demographic Imbalances, Temperature Rise and the Climate–Conflict Nexus; Initiating Research on Global Environmental Change, Limits to Growth, Decoupling of Growth and Resource Needs; Developing Theoretical Approaches on Sustainability and Transitions; Analysing National Debates on Sustainability in North America; Preparing Transitions towards a Sustainable Economy and Society, Production and Consumption and Urbanization; Examining Sustainability Transitions in the Water, Food and Health Sectors from Latin American and European Perspectives; Preparing Sustainability Transitions in the Energy Sector; and Relying on Transnational, International, Regional and National Governance for Strategies and Policies Towards Sustainability Transition. This book is based on workshops held in Mexico (2012) and in the US (2013), on a winter school at Chulalongkorn University, Thailand (2013), and on commissioned chapters. The workshop in Mexico and the publication were supported by two grants by the German Foundation for Peace Research (DSF). All texts in this book were peer-reviewed by scholars from all parts of the world.

Paleonutrition Cornell University Press

This book is one of two volumes meant to capture, to the extent practical, the scienti?

legacy of the Cassini-Huygens prime mission, a landmark in the history of planetary exploration. As the most ambitious and interdisciplinary planetary exploration mission ?own to date, it has extended our knowledge of the Saturn system to levels of detail at least an order of magnitude beyond that gained from all previous missions to Saturn. Nestled in the brilliant light of the new and deep understanding of the Saturn planetary system is the shiny nugget that is the spectacularly successful collaboration of individuals, - ganizations and governments in the achievement of Cassini-Huygens. In some ways the pa- nershipsformedandlesso nslearnedmaybethemost enduringlegacyofCassini-Huygens.The broad, international coalition that is Cassini-Huygens is now conducting the Cassini Equinox Mission and planning the Cassini Solstice Mission, and in a major expansion of those fruitful efforts, has extended the collaboration to the study of new ?agship missions to both Jupiter and Saturn. Such ventures have and will continue to enrich us all, and evoke a very optimistic vision of the future of international collaboration in planetary exploration. The two volumes in the series Saturn from Cassini-Huygens and Titan from Cassini- Huygens are the direct products of the efforts of over 200 authors and co-authors. Though each book has a different set of three editors, the group of six editors for the two volumes has worked together through every step of the process to ensure that these two volumes are a set.

Our Idea of God Lulu.com

Few books achieve a connection between scientific theory and real world environmental problems, but this one does. Generous use of color images, exercises, and case studies make it friendly for the classroom or non-mineralogist. Discover crystallography, surface chemistry, mineral-solution equilibria, organic matter, and soil mineral analysis. The book includes a lengthy exploration of world-wide applications of mineralogy in soil taxonomy, tectonics, radionuclides, pesticides, enzymes, and more.

Albert and Jakobiec's Principles and Practice of Ophthalmology Silly Beagle Productions

Designing Healthcare That Works: A Sociotechnical Approach takes up the pragmatic, messy problems of designing and implementing sociotechnical solutions which integrate organizational and technical systems for the benefit of human health. The book helps practitioners apply principles of sociotechnical design in healthcare and consider the adoption of new theories of change. As practitioners

need new processes and tools to create a more systematic alignment between technical mechanisms and social structures in healthcare, the book helps readers recognize the requirements of this alignment. The systematic understanding developed within the book's case studies includes new ways of designing and adopting sociotechnical systems in healthcare. For example, helping practitioners examine the role of exogenous factors, like CMS Systems in the U.S. Or, more globally, helping practitioners consider systems external to the boundaries drawn around a particular healthcare IT system is one key to understand the design challenge. Written by scholars in the realm of sociotechnical systems research, the book is a valuable source for medical informatics professionals, software designers and any healthcare providers who are interested in making changes in the design of the systems. Encompasses case studies focusing on specific projects and covering an entire lifecycle of sociotechnical design in healthcare Provides an in-depth view from established scholars in the realm of sociotechnical systems research and related domains Brings a systematic understanding that includes ways of designing and adopting sociotechnical systems in healthcare

University Physics National Academies Press

Fungal diseases have contributed to death and disability in humans, triggered global wildlife extinctions and population declines, devastated agricultural crops, and altered forest ecosystem dynamics. Despite the extensive influence of fungi on health and economic well-being, the threats posed by emerging fungal pathogens to life on Earth are often underappreciated and poorly understood. On December 14 and 15, 2010, the IOM's Forum on Microbial Threats hosted a public workshop to explore the scientific and policy dimensions associated with the causes and consequences of emerging fungal diseases. **Soil Mineralogy with Environmental Applications** Regent College Publishing Paleonutrition is the analysis of prehistoric human diets and the interpretation of dietary intake in relation to health and nutrition. As a field of study, it addresses prehistoric diets in order to determine the biological and cultural implications for individuals as well as for entire populations, placing archaeological interpretations into an anthropological context. Throughout history, and long before written records, human culture has

been constantly in flux. The study of paleonutrition provides valuable insights into shifts and changes in human history, whatever their causes. This is the most comprehensive and up-to-date book on the topic. Intended for students and professionals, it describes the nature of paleonutrition studies, reviews the history of paleonutrition research, discusses methodological issues in the reconstruction of prehistoric diets, presents theoretical frameworks frequently used in paleonutrition research, and showcases examples in which paleonutritional analyses have been successfully conducted on prehistoric individuals, groups, and populations. It offers an integrative approach to understanding state-of-the-art anthropological dietary, health, and nutritional assessments. The most recent and innovative methods used to reconstruct prehistoric diets are discussed, along with the major ways in which paleonutrition data are recovered, analyzed, and interpreted. Paleonutrition includes five contemporary case studies that provide useful models of how to conduct paleonutrition research. Topics range from ancient diets in medieval Nubia to children's health in the prehistoric American Southwest to honey use by an ethnographic group of East African foragers. As well as providing interesting examples of applying paleonutrition techniques, these case studies illustrate the mutually beneficial linkages between ethnography and archaeology.

Saturn from Cassini-Huygens Oxford University Press, USA

A review of recent advancements in colloidal nanocrystals and quantum-confined nanostructures, *Nanocrystal Quantum Dots* is the second edition of *Semiconductor and Metal Nanocrystals: Synthesis and Electronic and Optical Properties*, originally published in 2003. This new title reflects the book's altered focus on semiconductor nanocrystals. Gathering contributions from leading researchers, this book contains new chapters on carrier multiplication (generation of multiexcitons by single photons), doping of semiconductor nanocrystals, and applications of nanocrystals in biology. Other updates include: New insights regarding the underlying mechanisms supporting colloidal nanocrystal growth A revised general overview of multiexciton phenomena, including spectral and dynamical signatures of multiexcitons in transient absorption and photoluminescence Analysis of nanocrystal-specific features of multiexciton recombination A review of the status of new field of carrier multiplication Expanded coverage of theory, covering the regime of high-charge densities New results on quantum dots of lead chalcogenides, with a focus studies of carrier multiplication and the latest results regarding Schottky junction solar cells Presents useful examples to illustrate applications of nanocrystals

in biological labeling, imaging, and diagnostics The book also includes a review of recent progress made in biological applications of colloidal nanocrystals, as well as a comparative analysis of the advantages and limitations of techniques for preparing biocompatible quantum dots. The authors summarize the latest developments in the synthesis and understanding of magnetically doped semiconductor nanocrystals, and they present a detailed discussion of issues related to the synthesis, magneto-optics, and photoluminescence of doped colloidal nanocrystals as well. A valuable addition to the pantheon of literature in the field of nanoscience, this book presents pioneering research from experts whose work has led to the numerous advances of the past several years.

Normal and Pathological Anatomy of the Shoulder B&H Publishing Group

Keeping up to date with advances in comprehensive ophthalmology and in the ophthalmic sub-specialties is extremely difficult because of the accelerating rapidity with which new information and technology become available and the diminishing time and opportunity for practitioners and trainees to read and learn. The first edition of Albert and Jakobiec's *Principles and Practice* (1994) was conceived with the idea of utilizing an electronic, updated version in which the chapters were revised by the chapter authors on an annual or semi-annual basis, but the technology was not sufficiently advanced to achieve this goal. Subsequent editions (2000 and 2008) were organized by Saunders and the last published by Elsevier (of which Springer has obtained the complete rights to move forward with the 4th edition, see attachment). The third edition sold 1950 copies since 2009-2012 plus 21 copies of the ebook were sold in that time. From 2012-2015, 422 copies were sold. The monthly online usage numbers up through 2016 were approximately 3300 views (includes chapter views and downloads). All of these numbers came courtesy of Dr. Albert, via his former Elsevier editor, Russell Gabbedy and Dr. Albert's royalty statements. For more than two decades, this text has provided its readers with authoritative and comprehensive coverage of all facets of ophthalmology, written and edited by a group of authors who represented a "Who's Who" in ophthalmology. By using Springer's Meteor platform, with its ability to allow authors and editors access to updating their chapters online annually/semi-annually, and with the recruitment of select chapter authors, this work's usefulness as the standard text in ophthalmology will be maintained and expanded upon by Springer. Back Cover Copy Draft text: The 4th edition of this comprehensive and authoritative text is written by hundreds of the most distinguished authorities from around the world and edited by three leaders in the field, providing today's best answers to every question that arises in ones ophthalmology practice. Richly illustrated with thousands of high quality, full color, clinically-relevant images, Albert and

Jakobiec's *Principles and Practice of Ophthalmology*, 4th Edition covers every scientific and clinical principle in ophthalmology, ensuring that the reader will always be able to find the guidance needed to diagnose and manage patients' ocular problems and meet today's standards of care. Written for practicing ophthalmologists and trainees, this book delivers in-depth guidance on new diagnostic approaches, operative techniques, and treatment options, as well as coherent explanations of every new scientific concept and its clinical importance. The 4th edition will prove to be the source every practicing clinician needs to efficiently and confidently overcome any clinical challenge they may face. Updates include new chapters on anterior and posterior segment diseases, as well as chapters more focused on treatment, plus thousands of new, high-quality, color images and illustrations, updated references, and information on the most cutting-edge technology used by clinicians in their practices today. Additionally, readers will enjoy the same, user-friendly, full-color design they remember from the previous edition, complete with many at-a-glance summary tables, algorithms, boxes, and diagrams that allow the reader to locate the assistance needed more rapidly than ever. "I am familiar with the book and well recognized authors and Editors. The book in its current form is encyclopedic. Could be more focused on treatment. Long duration between 3rd and the 4th edition necessitates almost complete rework. The proposal hits on the key aspects for a successful textbook. The unique advantages are its name recognition (20 yrs of legacy) and established track record. Would support the proposal." Dr. Arun Singh, Cleveland Clinic, Department of Ophthalmology (Springer's EiO series editor and regular Springer volume editor): – I shared these comments with the VE's and they have acknowledged that all chapters will be re-worked in one way or another (from basic, updated references to complete re-writes of chapters and updated, clinically relevant, full-color photos). "...This has always been a very authoritative and prestigious text with encyclopedic knowledge from prestigious authors and contributors. It has served, in the past, as a standard approach for all residents in training, as well as comprehensive ophthalmologists and people in allied fields. Formerly, optometrists did not purchase books, but they do now. My Retinal Atlas is a good example of how they are trying to understand the ophthalmic principles and practices to enhance their profession. One addition to the new version would be imaging...anterior and posterior segment diseases. This would be essential to allow a broad interest and comprehensive training and learning experience." – Dr. Lawrence Yannuzzi, MD, President The Macula Foundation, Professor of Clinical Ophthalmology, Columbia University (current Springer Volume Editor). – I shared

these comments with the VE's and they agreed to add the anterior and posterior segment diseases (and had been planning on it) Reviews of the last edition: "The reference by which other ophthalmology texts are judged." ? Archives of Ophthalmology "The current standard in comprehensive ophthalmology textbooks." ? JAMA "A magnificent encyclopedic work...A ready source of information when getting ready to perform a seldom-done surgical procedure or when stumped with an unusual clinical problem." ? Survey of Ophthalmology "This is a wonderful set of volumes with top quality in their coverage of current ophthalmology, a valuable addition to the library of all ophthalmologists." Graefe's Archive for Clinical and Experimental Ophthalmology, September 2009 "In 1994, Daniel M. Albert and Frederik A. Jakobiec produced the first edition of this award-winning and esteemed masterwork, which is used by the ophthalmic community worldwide as reference. The third edition... is a 4-volume, 5502-page update of this magnificent encyclopedic work. A highpoint of this new edition is the website access...this is a wonderful set of volumes with top quality in their coverage of current ophthalmology, a valuable addition to the library of all ophthalmologists." – Springer: Graefes Arch Clin Exp Ophthalmol (2009) 247:1437–1438

Linguistics and Language Behavior

Abstracts transcript Verlag

How can we overcome the existing political, economic, and ecological crises that humanity faces? With the notion of the commons, Lukas Peter argues that this form of social organization can provide answers to the shortcomings of centralized states and open and competitive markets. By building on and going beyond the work of Elinor and Vincent Ostrom, he develops an ecological understanding of the commons and human freedom, more generally, thereby reinterpreting classical thinkers such as John Locke and John Rawls. Importantly, he does not suggest an end to property, states or markets, but rather a radical democratization thereof, ultimately providing a real alternative for the 21st century.

The Large Hadron Collider Zondervan Academic

This translation corrects such errors, recreating the second Dutch edition - which represents Huizinga's thinking at its most important stage - as closely as possible. Everything that was dropped or rearranged has been restored. Prose quotations appear in French, with translations printed at the bottom of the page. Mistranslations have been corrected.

Talc and Soapstone Routledge

"University Physics is a three-volume collection that meets the scope and sequence requirements for two- and three-semester calculus-based physics courses. Volume 1 covers mechanics, sound, oscillations, and waves. This textbook emphasizes connections between theory and application,

making physics concepts interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. Frequent, strong examples focus on how to approach a problem, how to work with the equations, and how to check and generalize the result."--Open Textbook Library.

The End of Christianity Brill / Sense

Describes the notion of warrant as that which distinguishes knowledge from true belief. This volume examines warrant's role in theistic belief, tackling the questions of whether it is rational, reasonable, justifiable, and warranted to accept Christian belief and whether there is something epistemically unacceptable in doing so.

Designing Healthcare That Works World Scientific Publishing Company

For courses in Introductory French. Anchored in the best current innovations in language instruction, *Chez nous*, 3/e presents a highly integrative approach to the teaching of French language and culture. This thematically organized program combines a process-oriented approach to language skills development with carefully sequenced practice that leads beginning students to self-expression in French. Learners are encouraged to discover culture through authentic materials, tasks, and an expansive cultural perspective that embraces metropolitan France and the Francophone world. In addition, *Chez nous*, 3/e offers a full complement of supplementary materials-including a printed Student Activities Manual (SAM) or an electronic version via OneKey, an integrated video program filmed with native speakers, and a wealth of interactive practice on the *Chez nous* Companion Website-to help learners develop their listening, reading, speaking and writing skills in French.

Videhound's Golden Movie Retriever

Springer Science & Business Media This text presents the history of the development of fibre optic technology, explaining the scientific challenges that needed to be overcome, the range of applications and future potential for this fundamental communications technology.

Virgin Whore Springer

?This cutting-edge monograph on advanced clinical anatomy and pathoanatomy of the shoulder, written by the world's leading authors, reflects recent significant advances in understanding of anatomy and pathology. It is beautifully illustrated with exquisite photographs of anatomical specimens, and images from arthroscopy, histology, and radiology complete the picture. The accompanying text brings out the clinical, biomechanical, and functional relevance and focuses on aspects important to the high-performance athlete. In addition, the book closely assesses how each component of the normal anatomy responds to trauma, disease, and degeneration. The finer points of the pathoanatomy are demonstrated with clinical cases, histology, radiology, arthroscopy, and open surgery. The text details how the pathoanatomy affects the patient presentation, clinical examination, and imaging. It is also explained how the pathology affects the

natural history and the outcome of physical therapy and influences recommendations for surgical treatments. This book will be of immense value both to trainees and to specialists who manage disorders of the shoulder, including orthopedic surgeons, sports physicians, and physiotherapists. It will also be of great interest to anatomists and pathologists.

Philosophy for AS and A2 University of Arizona Press

Christianity believes in a God who acts in history. The Bible tells us the story of God's actions in Israel, culminating in the ministry of Jesus of Nazareth and the spreading of the gospel from Jerusalem to Rome. The issue of history is thus unavoidable when it comes to reading the Bible. Volume 4 of the Scripture and Hermeneutics Series looks at how history has dominated biblical studies under the guise of historical criticism. This book explores ways in which different views of history influence interpretation. It considers the implications of a theology of history for biblical exegesis, and in several case studies it relates these insights to particular texts. "Few topics are more central to the task of biblical interpretation than history, and few books open up the subject in so illuminating and thought-provoking a manner as this splendid collection of essays and responses." Hugh Williamson, Regius Professor of Hebrew, University of Oxford, England ". . . breaks new ground in its interdisciplinary examination of the methodology, presuppositions, practices and purposes of biblical hermeneutics, with a special emphasis on the relation of faith and history." Eleonore Stump, Robert J. Henle Professor of Philosophy, Saint Louis University, United States "This volume holds great promise for the full-fledged academic recovery of the Bible as Scripture. It embodies an unusual combination of world-class scholarship, historic Christian orthodoxy, bold challenges to conventional wisdom, and the launching of fresh new ideas." Al Wolters, Professor of Religion and Theology, Redeemer University College, Ontario, Canada "The essays presented here respect the need and fruitfulness of a critical historiography while beginning the much-needed process of correcting the philosophical tenets underlying much modern and postmodern biblical research. The result is a book that mediates a faith understanding, both theoretical and practical, of how to read the Bible authentically as a Christian today." Francis Martin, Chair, Catholic-Jewish Theological Studies, John Paul II Cultural Center, Washington, D.C. Not only is history central to the biblical story, but from a Christian perspective history revolves around Jesus Christ. All roads of human activity before Christ lead up to him, and all roads after Christ connect with him. A concern with history and God's action in it is a central characteristic of the Bible. The Bible furnishes us with an account of God's interactions with people and

with the nation of Israel that stretches down the timeline from creation to the early church. It tells us of real men, women, and children, real circumstances and events, real cultures, places, languages, and worldviews. And it shows us God at work in human affairs, revealing his character and heart through his activities.

“Behind” the Text examines the correlation between history and the Bible. For the scholar, student, and informed reader of the Bible, this volume highlights the importance of history for biblical interpretation, and looks at how history has and should influence interpretation.