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Western Philosophy University Press of Kentucky 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. Christian Philosophy A-Z Springer Science & Business Media 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. Philosophy for AS and A2 Houghton Mifflin Harcourt Whereas most crops drive farmers apart as they compete for the best prices, the price controls on tobacco bring growers together. The result is a culture unlike any other in America, one often forgotten or overlooked as federal and state governments fight over the spoils of the tobacco settlement. Tobacco Culture describes the process of raising a crop of burley from the perspective and experience of the farmers themselves. In the process of gathering

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information for the book, the authors performed most steps in the tobacco production process, from dropping plants, burning seedbeds, topping, and cutting to stripping and baling the finished product. Van Willigen and Eastwood document both present practices and historical developments in tobacco farming at the very moment a way of life stands poised for dramatic change. In addition to growing practices, the authors found other common threads linking growers and tobacco producing regions. Where tobacco is grown, it often

becomes the major cash crop and carries the health of the economy. Farmer Oscar Richardson states, "It's bread and butter. It's the industry of the community, the state as a whole.... You take tobacco out of Kentucky and this farmland wouldn't be worth a nickel." Combining cultural anthropology and oral history, John van Willigen and Susan Eastwood have created a remarkable portrait of the heart of the burley belt in Central Kentucky. *Clover Adams* CreateSpace Andersen-Wyman's book

undoes most scholarly uses and understandings of De amore by Andreas Capellanus. By offering a reading promoted by the text itself, Andersen-Wyman shows how Andreas undermines the narrative foundations of sacred and secular institutions and renders their power absurd. *Global Report on Diabetes* Yale University Press In *Virgin Whore*, Emma Maggie Solberg uncovers a

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surprisingly prevalent theme in late English medieval literature and culture: the celebration of the Virgin Mary ' s sexuality. Although history is narrated as a progressive loss of innocence, the Madonna has grown purer with each passing century. Looking to a period before the idea of her purity and virginity had ossified, Solberg uncovers depictions and interpretations of Mary, discernible in jokes and insults, icons and rituals, prayers and revelations, allegories and typologies—and in late medieval vernacular biblical drama. More unmistakable than any cultural artifact

from late medieval England, these biblical plays do not exclusively interpret Mary and her virginity as fragile. In a collection of plays known as the N-Town manuscript, Mary is represented not only as virgin and mother but as virgin and promiscuous adulteress, dallying with the Trinity, the archangel Gabriel, and mortals in kaleidoscopic erotic combinations. Mary ' s "virginity" signifies invulnerability rather than fragility, redemption rather than renunciation, and merciful license rather than ascetic discipline. Taking the ancient slander that Mary conceived

Jesus in sin as cause for joyful laughter, the N-Town plays make a virtue of those accusations: through bawdy yet divine comedy, she redeems and exalts the crime. By revealing the presence of this promiscuous Virgin in early English drama and late medieval literature and culture—in dirty jokes told by Boccaccio and Chaucer, Malory ' s Arthurian romances, and the double entendres of the allegorical Mystic Hunt of the Unicorn—Solberg provides a new understanding of Marian traditions.

Patent Failure  
Assouline

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Publishing  
This book is one of two volumes meant to capture, to the extent practical, the scientific legacy of the Cassini-Huygens prime mission, a landmark in the history of planetary exploration. As the most ambitious and interdisciplinary planetary exploration mission 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, organizations and governments in the achievement of Cassini-Huygens. In some ways the partnerships formed and lessons learned may be the most enduring legacy of Cassini-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 flagship 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

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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.

Shutdown of the Federal Government

Regent College Publishing

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

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plants.  
Transforming the Workforce for Children Birth Through Age 8 Createspace Independent Publishing Platform "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

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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*. *The Letters of Virginia Woolf* Springer A radical reassessment of the role of movement,

emotion, and the viewing experience in Gothic sculpture Gothic cathedrals in northern Europe dazzle visitors with arrays of sculpted saints, angels, and noble patrons adorning their portals and interiors. In this highly original and erudite volume, Jacqueline E. Jung explores how medieval sculptors used a form of bodily poetics—involving facial expression, gesture, stance, and torsion—to create meanings beyond conventional iconography and to subtly manipulate spatial dynamics, forging connections between the sculptures and beholders. Filled with



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more than 500 images that capture the suppleness and dynamism of cathedral sculpture, often through multiple angles, *Eloquent Bodies* demonstrates how viewers confronted and, in turn, were addressed by sculptures at major cathedrals in France and Germany, from Chartres and Reims to Strasbourg, Bamberg, Magdeburg, and Naumburg. Shedding new light on the charismatic and kinetic qualities of Gothic sculpture, this book also illuminates the ways artistic ingenuity and technical skill converged to enliven sacred spaces.

Linguistics and Language Behavior Abstracts Routledge  
Take a breathtaking plunge into the colorful world of the Coral Triangle, the waters that cradle Indonesia, Malaysia, the Philippines, Papua New Guinea, the Solomon Islands and Timor-Leste. One of the world's most mature reef networks, home to 30 percent of all the world's coral, this magnificent marine expanse boasts the highest diversity of coral and fish species on the planet. Underwater photographer Chris Leidy beautifully captures a vision of this wonderland through his lens and conveys the inherent complexities of each singular, fleeting scene, illustrating the vital magic of the

Coral Triangle. *Normal and Pathological Anatomy of the Shoulder* CRC Press  
A leading intelligent-design supporter writes to prove a good God's existence in an evil world, in turn explaining what the end result of true Christianity must be. *Gender and the Chivalric Community in Malory's Morte D'Arthur* World Scientific Publishing Company  
This book is a guide to the use of Monte Carlo techniques in radiation transport. This topic is of great interest for medical physicists. Praised as a

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"gold standard" for accurate radiotherapy dose calculations, Monte Carlo has stimulated a high level of research activity that has produced thousands of papers within the past few years. The book is designed primarily to address the needs of an academically inclined medical physicist who wishes to learn the technique, as well as experienced users of standard Monte Carlo codes who wish to gain insight into the underlying mathematics of Monte Carlo algorithms. The book focuses on the fundamentals—giving full attention to and explaining the very basic concepts. It also includes advanced topics and covers recent advances such as transport of charged particles in magnetic

fields and the grid-based solvers of the Boltzmann equation. **New Curriculum History Springer** This book probes the efforts at manipulation individuals face daily in this information age and the tactics of persuaders from many sectors of society using various forms of Orwellian "doublespeak." The book contains the following essays: (1) "Notes toward a Definition of Doublespeak" (William Lutz); (2) "Truisms Are True: Orwell's View of Language" (Walker

Gibson); (3) "Mr. Orwell, Mr. Schlesinger, and the Language" (Hugh Rank); (4) "What Do We Know?" (Charles Weingartner); (5) "The Dangers of Singlespeak" (Edward M. White); (6) "The Fallacies of Doublespeak" (Dennis Rohatyn); (7) "Doublespeak and Ethics" (George R. Bramer); (8) "Post-Orwellian Refinements of Doublethink: Will the Real Big Brother Please Stand Up?" (Donald Lazere); (9) "Worldthink" (Richard Ohmann);

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(10) "Bullets Hurt, Corpses Stink": George Orwell and the Language of Warfare" (Harry Brent); (11) "Political Language: The Art of Saying Nothing" (Dan F. Hahn); (12) "Fiddle-Faddle, Flapdoodle, and Balderdash: Some Thoughts about Jargon" (Frank J. D'Angelo); (13) "How to Read an Ad: Learning to Read between the Lies" (D. G. Kehl); (14) "Subliminal Chainings: Metonymical Doublespeak in Advertising" (Don L. F. Nilsen); (15) "Doublespeak and the Polemics of Technology" (Scott Buechler); (16) "Make Money, Not Sense: Keep Academia Green" (Julia Penelope); (17) "Sensationspeak in America" (Roy F. Fiddle-Fox); and (18) "The Faddle, Flapdoodle, Pop Grammarians-and Balderdash: -Good Intentions, Silly Ideas, and Doublespeak" (Charles Suhor). Three appendixes are attached: "The George Orwell Awards," "The Doublespeak Award," and "The Quarterly Review of Doublespeak." (MS) [Monte Carlo Methods for Radiation Transport](#) Kenneth W Daniels University Physics is designed for the two- or three-semester calculus-based physics course. The text has been developed to meet the scope and sequence of most university physics courses and provides a foundation for a career in mathematics, science, or engineering. The book provides an important opportunity for students to learn the core concepts of physics and understand how those concepts apply to their lives and to the world around them. Due to the comprehensive nature of the material, we are offering the book in three volumes for flexibility and efficiency. Coverage and Scope Our University Physics textbook adheres to the scope and sequence of most two- and three-semester

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physics courses nationwide. We have worked to make physics interesting and accessible to students while maintaining the mathematical rigor inherent in the subject. With this objective in mind, the content of this textbook has been developed and arranged to provide a logical progression from fundamental to more advanced concepts, building upon what students have already learned and emphasizing connections between topics and between theory and applications. The goal of each section is to enable students not just to recognize concepts, but to work with them in ways that will be useful in later courses and future careers. The organization and pedagogical features were developed and vetted with feedback from science educators dedicated to the project. VOLUME II

Unit 1: Thermodynamics Chapter 1: Temperature and Heat Chapter 2: The Kinetic Theory of Gases Chapter 3: The First Law of Thermodynamics Chapter 4: The Second Law of Thermodynamics Unit 2: Electricity and Magnetism Chapter 5: Electric Charges and Fields Chapter 6: Gauss's Law Chapter 7: Electric Potential Chapter 8: Capacitance Chapter 9: Current and Resistance Chapter 10: Direct-Current Circuits Chapter 11: Magnetic Forces and Fields Chapter 12: Sources of Magnetic Fields Chapter 13: Electromagnetic Induction Chapter 14: Inductance Chapter 15: Alternating-Current Circuits Chapter 16: Electromagnetic Waves

Ecology of Harmful Algae John Wiley & Sons

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

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leading researchers, this new field of carrier 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

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. The End of Christianity Cornell University Press Christianity believes in a God who acts in history. The Bible tells us the story of God ' s actions in

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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-

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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. Nanotechnology Edinburgh University Press This unique collection of knowledge represents a comprehensive treatment of the fundamental and practical consequences of size reduction in silicon crystals. This clearly structured reference introduces readers to the optical, electrical

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and thermal properties of silicon nanocrystals that arise from their greatly reduced dimensions. It covers their synthesis and characterization from both chemical and physical viewpoints, including ion implantation, colloidal synthesis and vapor deposition methods. A major part of the text is devoted to applications in microelectronics as well as photonics and nanobiotechnology, making this of great interest to the high-tech industry.

Silicon Nanocrystals  
Springer

A handy guide to the major figures and issues in Christian philosophy from Augustine to the

present. This volume covers a broad historical sweep and takes into account those non-Christian philosophers that have had a great impact on the Christian tradition. However, it concentrates on the issues that perplex Christian philosophers as they seek to think through their faith in a philosophical way and their philosophical beliefs in the light of their faith. Examples of the topics discussed are the question of whether and how God knows the future, whether we actually know that God exists, and what Athens has to do with Jerusalem. The leaders of the recent revival of Christian analytic philosophy, especially Alvin Plantinga, Nicholas Wolterstorff, William Alston, and Robert

Adams are also included.

Albert and Jakobiec's Principles and Practice of Ophthalmology  
BRILL

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-



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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). For nearly three decades, this text has provided its readers with authoritative and comprehensive coverage of clinical 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. 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 four leaders in the field, providing today's best answers to every question that arises in 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 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

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diseases, as well as or interim chapters more focused appropriations, the on treatment, plus agencies and programs thousands of new, high-experience a funding quality, color images gap. If funding does and illustrations, not resume in time to updated references, continue government and information on the operations, then, most cutting-edge under the technology used by Antideficiency Act, an clinicians in their agency must cease practices today. operations, except in Additionally, readers certain situations when will enjoy the same, law authorizes user-friendly, full- continued activity. The color design they criteria that flow from remember from the the Antideficiency Act previous edition, for determining which complete with many at- activities are affected a-glance summary are complex. tables, algorithms, boxes, and diagrams that allow the reader to locate the assistance needed more rapidly than ever.

### Nanocrystal Quantum

Dots National

Academies Press

When federal agencies and programs lack funding after the expiration of full-year