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Nelson Science Perspectives 9
Cruising Utopia, 10th Anniversary Edition
A Biblical Case for an Old Earth
Reason and Rhetoric in the Philosophy of Hobbes
Religion and Politics in the International System Today
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Baroque Self-Invention and Historical Truth
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Managing Human Resources
The Universe in a Mirror
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PRECIOUS MILES

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Routledge
This book delivers a comprehensive evaluation of organic and hybrid solar cells and identifies their fundamental principles and numerous applications. Great attention is given to the charge transport mechanism, donor and acceptor materials, interfacial materials, alternative electrodes, device engineering and physics, and device stability. The authors provide an industrial perspective on the future of photovoltaic technologies.
Cruising Utopia, 10th Anniversary Edition
Nelson Science Perspectives 10Student Text with Online Student EBook EXTRABest Value Bundle: Each Student Text purchase includes online access to the Student eBook EXTRA. Nelson Science Perspectives 10 offers a variety of features that engage, motivate, and stimulate student curiosity while providing appropriate rigour suitable for Grade 10 academic students. Student interest and attention will be captured through a powerful blend of engaging content, impactful visuals, and the dynamic use of cutting-edge technology. Instructors will

be able to create a dynamic learning environment through the use of the program's comprehensive array of multimedia tools for teaching and learning. This visually engaging student resource includes: * Newly written content developed for students in an age-appropriate and accessible language * Real-world connections to science, technology, society, and the environment (STSE) that make the content relevant to students * 100% match to the Ontario 2009 revised science curriculum * A variety of short hands-on activities and more in-depth lab investigations * Skills Handbook that provides support for the development of skills and processes of science, safety, and communication of science terms *HardcoverKnowledge and InquiryReadings in Epistemology
Addresses the methodology and theoretical foundation of battery manufacturing, service and management systems (BM2S2), and discusses the issues and challenges in these areas This book brings together experts in the field to highlight the cutting edge research advances in BM2S2 and to promote an innovative integrated research framework responding to the challenges. There are three major parts included in this book: manufacturing, service, and management. The first part focuses on battery manufacturing systems, including modeling, analysis, design and control, as well as economic and risk analyses. The second part focuses on information technology’s impact on service systems, such as data-driven reliability modeling, failure prognosis, and service decision making methodologies for battery services. The third part addresses battery management systems (BMS) for control and optimization of battery cells, operations, and hybrid storage systems to ensure overall performance and safety, as well as EV management. The contributors consist of experts from universities, industry research centers, and government agency. In addition, this book: Provides comprehensive overviews of lithium-ion battery and battery electrical vehicle manufacturing, as well as economic returns and government support Introduces integrated models for quality propagation and productivity improvement, as well as indicators for bottleneck identification and mitigation in battery manufacturing Covers models and diagnosis algorithms for battery SOC and SOH estimation, data-driven prognosis algorithms for predicting the remaining useful life (RUL) of battery SOC and SOH Presents mathematical models and novel structure of battery equalizers in battery management systems (BMS) Reviews the state of the art of battery, supercapacitor, and battery-supercapacitor hybrid energy storage systems (HESSs) for advanced electric vehicle applications Advances in Battery Manufacturing, Services, and Management Systems is written for researchers and engineers working on battery manufacturing, service, operations, logistics, and management. It can also serve as a reference for senior undergraduate and graduate students interested in BM2S2.
A Biblical Case for an Old Earth Springer Science & Business Media
This book proposes a post-Cold War paradigm based on the interaction between the contemporary globalization of the political, economic, military, and communication systems and the increasing role of religion in influencing global politics. Rapid technological

advances constantly recast politics, economics, armed conflict, and the media. These four systems are thus becoming not just more international each in themselves, but they are also rapidly integrating among themselves. As a result, the four world systems constantly create new environments in which individuals and societies must make rapid choices on the basis of their perceived personal and communal identities. This book constructs its global paradigm by explaining the roles of Christianity, Islam, Judaism, Hinduism, Buddhism, Confucianism, and Maoist Marxism in world politics.

Reason and Rhetoric in the Philosophy of Hobbes Cengage Learning

In the aftermath of the discoveries in foundations of mathematiC's there was surprisingly little effect on mathematics as a whole. If one looks at stan dard textbooks in different mathematical disciplines, especially those closer to what is referred to as applied mathematics, there is little trace of those developments outside of mathematical logic and model theory. But it seems fair to say that there is a widespread conviction that the principles embodied in the Zermelo - Fraenkel theory with Choice (ZFC) are a correct description of the set theoretic underpinnings of mathematics. In most textbooks of the kind referred to above, there is, of course, no discussion of these matters, and set theory is assumed informally, although more advanced principles like Choice or sometimes Replacement are often mentioned explicitly. This implicitly fixes a point of view of the mathemat ical universe which is at odds with the results in foundations. For example most mathematicians still take it for granted that the real number system is uniquely determined up to isomorphism, which is a correct point of view as long as one does not accept to look at "unnatural" interpretations of the membership relation.

Religion and Politics in the International System Today Academic Press

Best Value Bundle: Each Student Text purchase includes online access to the Student eBook EXTRA. Nelson Science Perspectives 10 offers a variety of features that engage, motivate, and stimulate student curiosity while providing appropriate rigour suitable for Grade 10 academic students. Student interest and attention will be captured through a powerful blend of engaging content, impactful visuals, and the dynamic use of cutting-edge technology. Instructors will be able to create a dynamic learning environment through the use of the program's comprehensive array of multimedia tools for teaching and learning. This visually engaging student resource includes: * Newly written content developed for students in an age-appropriate and accessible language * Real-world connections to science, technology, society, and the environment (STSE) that make the content relevant to students * 100% match to the Ontario 2009 revised science curriculum * A variety of short hands-on activities and more in-depth lab investigations * Skills Handbook that provides support for the development of skills and processes of science, safety, and communication of science terms *Hardcover

Hercules at the Crossroads Princeton University Press

It has long been thought that science is our best hope for realizing objective knowledge but that, to deliver on this

promise, it must be free of the influence of any values that are not purely epistemic. As recent work in the philosophy, history, and social studies of science shows, however, things are not so simple. Values surface in numerous aspects of the scientific enterprise. This book asks where and how non-epistemic values are involved in science; it explores the roles these values play at the heart of science, in the assessment of evidence and explanations, and it examines the implications this has for ideals of objectivity. In the process, it considers a range of concrete examples drawn from fields as diverse as development economics, evolutionary biology, medicine, neurophysiology, environmental science, and the social/historical sciences, including empirical studies of scientific practice. While the contributors to this book differ on many specifics, the chapters share the general perspective that a defensible middle ground lies between the dichotomous views that often dominate debate: that values have no place in science, or that science is nothing but covert politics.

Nelson Science Perspectives 10 Broadview Press

An outstanding new interpretation of Hobbes, one of the most difficult and challenging of political philosophers.

Baroque Self-Invention and Historical Truth Taylor & Francis

In his monumental study, Christopher Braider explores the dialectical contest between history and truth that defines the period of cultural transition called the 'baroque'. For example, Annibale Carracci's portrayal of the Stoic legend of Hercules at the Crossroads departs from earlier, more static representations that depict an emblematic demigod who has already rejected the fallen path of worldly Pleasure for the upward road of heroic Virtue. Braider argues that, in breaking with tradition in order to portray a tragic soliloquist whose dominant trait is agonized indecision, Carracci joins other baroque artists, poets and philosophers in rehearsing the historical dilemma of choice itself. Carracci's picture thus becomes a framing device that illuminates phenomena as diverse as the construction of gender in baroque painting and science, the Pauline ontology of art in Caravaggio and Rembrandt, the metaphysics of baroque soliloquy and the dismantling of Cartesian dualism in Cyrano de Bergerac and Pascal.

Using Science to Improve the BLM Wild Horse and Burro Program McGraw-Hill Education

Nelson Science Perspectives 10Student Text with Online Student EBook EXTRA

Managing Human Resources Psychology Press

Help your students learn not only the concepts and theories that enhance the management of human behavior at work but also how to practice these skills with Nelson/Quick's ORGANIZATIONAL BEHAVIOR. The latest edition of this book clearly demonstrates how organizational behavior theories and research apply to companies today with engaging cases, meaningful exercises, and examples that include six new focus companies students will instantly recognize. The authors present foundational organizational behavior topics, such as motivation, leadership, teamwork, and communication. Students also examine emerging issues reshaping the field today, such as the theme of change. They study how change affects attitudes and

behaviors in an organization as well as what new opportunities and experiences change presents. Students further explore growing themes of globalization, diversity, and ethics. The authors anchor the book's multifaceted approach in both classic research and leading-edge scholarship. Timely examples from all types of organizations throughout this edition reflect today's most current trends, including six new focus companies--NetFlix, Ford, Groupon, and more. Self-assessments and other interactive learning opportunities allow your students to grow and develop, both as individuals and as important contributors to an organization, as they progress throughout your course. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The Universe in a Mirror Routledge
Over the past decade, extensive research has been conducted on the subject of coal as one of the world’s leading energy sources. The current and future status of this resource is a topic of considerable interest to the largest world economies, including the US, Japan, China and Europe. Advances in the Science of Victorian Brown Coal provides critical reviews of the information and research published over this time, giving the reader an authoritative overview of the science surrounding this important topic. Critical review of recent research surrounding the utilization of brown coal. Key issues addressed include maximized efficiency and minimized environmental impacts Focuses on Victorian Brown Coal within the context of biomass and bituminous coal A critical thermodynamic overview of various advanced power generation technologies

Park Science Elsevier Health Sciences
Using Science to Improve the BLM Wild Horse and Burro Program: A Way Forward reviews the science that underpins the Bureau of Land Management's oversight of free-ranging horses and burros on federal public lands in the western United States, concluding that constructive changes could be implemented. The Wild Horse and Burro Program has not used scientifically rigorous methods to estimate the population sizes of horses and burros, to model the effects of management actions on the animals, or to assess the availability and use of forage on rangelands. Evidence suggests that horse populations are growing by 15 to 20 percent each year, a level that is unsustainable for maintaining healthy horse populations as well as healthy ecosystems. Promising fertility-control methods are available to help limit this population growth, however. In addition, science-based methods exist for improving population estimates, predicting the effects of management practices in order to maintain genetically diverse, healthy populations, and estimating the productivity of rangelands. Greater transparency in how science-based methods are used to inform management decisions may help increase public confidence in the Wild Horse and Burro Program.

Ideals and Illusions? University of Toronto Press
Allan Blakeney, former provincial premier with over 40 years political experience, in dialogue with Sanford Borins. They provide a thorough examination of the roles of politicians and public servants and techniques of management in Westminster systems.

Health Informatics Cambridge University Press
Applied Solid State Science: Advances in Materials and Device Research, Volume 1 presents articles about junction electroluminescence; metal-insulator-semiconductor (MIS) physics; ion implantation in semiconductors; and electron transport through insulating thin films. The book describes the basic physics of carrier injection; energy transfer and recombination mechanisms; state of the art efficiencies; and future prospects for light emitting diodes. The text then discusses solid state spectroscopy, which is the pair spectra observed in gallium phosphide photoluminescence. The extensive studies of MIS diodes that have led to detailed understanding of the silicon-silicon dioxide interface, as well as the devices that can be fabricated by ion implantation in semiconductors are also considered. The book further tackles fundamental mechanisms of electron transport through insulating thin films; mechanisms that influence the design of many thin film; and semiconductor devices. Solid state physicists, materials scientists, electrical engineers, and graduate students working near the subjects being discussed will find the book invaluable.
Methods of Soil Analysis, Part 3 University of Arizona Press
First published in 1994. Routledge is an imprint of Taylor & Francis, an informa company.
The Saturday Review of Politics, Literature, Science, Art, and Finance Cengage Learning
This set offers a comprehensive collection of papers on this significant discipline. Published in two parts with new introductions to the individual volumes by the editor, this is an invaluable tool for any researcher in this area.
An Interprofessional Approach John Wiley & Sons
Best Value Bundle: Each Student Text purchase includes online access to the Student eBook EXTRA. Nelson Science Perspectives 9 offers a variety of features that engage, motivate, and stimulate student curiosity while providing appropriate rigour suitable for Grade 9 academic students. Student interest and attention will be captured through a powerful blend of engaging content, impactful visuals, and the dynamic use of cutting-edge technology. Instructors will be able to create a dynamic learning environment through the use of the program's comprehensive array of multimedia tools for teaching and learning. This visually engaging student resource includes: * Newly written content developed for students in an age-appropriate and accessible language * Real-world connections to science, technology, society, and the environment (STSE) that make the content relevant to students * 100% match to the Ontario 2009 revised science curriculum * A variety of short hands-on activities and more in-depth lab investigations * Skills Handbook that provides support for the development of skills and processes of science, safety, and communication of science terms *Hardcover
Big Data for Regional Science National Academies Press
"Fifty school based activities ...targeted at the pre-service teacher and mentor. Each activity has a commentary for mentors as well as notes for student teachers." -- back cover.
Enzymes NYU Press

In recent years, there have been considerable developments in techniques for the investigation and utilisation of enzymes. With the assistance of a co-author, this popular student textbook has been updated to include techniques such as membrane chromatography, aqueous phase partitioning, engineering recombinant proteins for purification and due to the rapid advances in bioinformatics/proteomics, a discussion of the analysis of complex protein mixtures by 2D-electrophoresis and RPHPLC prior to sequencing by mass spectroscopy. Written with the student firmly in mind, no previous knowledge of biochemistry, and little of chemistry, is assumed. It is intended to provide an introduction to enzymology, and a balanced account of all the various theoretical and applied aspects of the subject which are likely to be included in a course. Provides an introduction to enzymology and a balanced account of the theoretical and applied aspects of the subject Discusses techniques such as membrane chromatography, aqueous phase partitioning and engineering recombinant proteins for purification Includes a discussion of the analysis of complex protein mixtures by 2D-electrophoresis and RPHPLC prior to sequencing by mass spectroscopy

Ruins and Rivals Springer Science & Business Media

The present creation-evolution debate is often cast as a choice between two positions: naturalistic evolution over millions of years or miraculous creation six thousand years ago. When simplified, this choice is often presented as one between science and the Bible, a choice that leaves much ground between the two views yet to be discussed. A Biblical Case for an Old Earth seeks to address the gap between theistic evolutionism and young-earth creationism by finally paying due attention to the biblical aspect of the debate. Both a scientist and a preacher, David Snoke presents a theological study of several themes in the evolution discussion, including the balance theme of Scripture and the day-age interpretation. Complete with an appendix that gives a literal translation of Genesis 1-11, this intriguing study will interest both scientists and lay Christians who want to dig into the faith-science intersection.

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