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KEY=L48 - CURTIS SHERLYN

WASHINGTON REDSKINS

This title examines the history of the Washington Redskins, telling the story of the franchise and its top players, greatest games, and most thrilling moments. This book includes informative sidebars, high-energy photos, a timeline, a team file, and a glossary. SportsZone is an imprint of Abdo Publishing Company.

REGULATORY T CELLS

METHODS AND PROTOCOLS

Humana Press Driven by methodological success in identifying reliable lineage markers, regulatory T cells have quickly been recognized as the most numerous subset of immune regulators in the body with critical functions in a wide array of immune responses. In *Regulatory T Cells: Methods and Protocols*, experts in the field offer a collection of current techniques to advance the study of regulatory T cells, including the use of the IL-2 receptor alpha chain and other markers, as well as the more recently desirable use of the transcription factor FoxP3. Divided into three sections, the book covers, in equal measure, *in vitro*, *in vivo*, and human studies. Written in the highly successful *Methods in Molecular Biology*TM series format, chapters include brief introductions to their respective subjects, lists of the necessary materials and reagents, step-by-step, readily reproducible laboratory protocols, and key tips on troubleshooting and avoiding known methodological pitfalls. Authoritative and cutting-edge, *Regulatory T Cells: Methods and Protocols* distills the most vital current techniques through several years of optimization and standardization in order to allow reliable and reproducible use by both young and experienced cellular and molecular immunologists.

POLYMER ELECTROLYTE FUEL CELL DURABILITY

Springer Science & Business Media This book covers a significant number of R&D projects, performed mostly after 2000, devoted to the understanding and prevention of performance degradation processes in polymer electrolyte fuel cells (PEFCs). The extent and severity of performance degradation processes in PEFCs were recognized rather gradually. Indeed, the recognition overlapped with a significant number of industrial demonstrations of fuel cell powered vehicles, which would suggest a degree of technology maturity beyond the resolution of fundamental failure mechanisms. An intriguing question, therefore, is why has there been this apparent delay in addressing fundamental performance stability requirements. The apparent answer is that testing of the power system under fully realistic operation conditions was one prerequisite for revealing the nature and extent of some key modes of PEFC stack failure. Such modes of failure were not exposed to a similar degree, or not at all, in earlier tests of PEFC stacks which were not performed under fully relevant conditions, particularly such tests which did not include multiple on-off and/or high power-low power cycles typical for transportation and mobile power applications of PEFCs. Long-term testing of PEFCs reported in the early 1990s by both Los Alamos National Laboratory and Ballard Power was performed under conditions of constant cell voltage, typically near the maximum power point of the PEFC.

RECENT TRENDS IN FUEL CELL SCIENCE AND TECHNOLOGY

Springer Science & Business Media This book covers all the proposed fuel cell systems including PEMFC, SOFC, PAFC, MCFC, regenerative fuel cells, direct alcohol fuel cells, and small fuel cells to replace batteries.

APPROACHES IN BIOREMEDIATION

THE NEW ERA OF ENVIRONMENTAL MICROBIOLOGY AND NANOBIOLOGY

Springer Bioremediation refers to the clean-up of pollution in soil, groundwater, surface water, and air using typically microbiological processes. It uses naturally occurring bacteria and fungi or plants to degrade, transform or detoxify hazardous substances to human health or the environment. For bioremediation to be effective, microorganisms must enzymatically attack the pollutants and convert them to harmless products. As bioremediation can be effective only where environmental conditions permit microbial growth and action, its application often involves the management of ecological factors to allow microbial growth and degradation to continue at a faster rate. Like other technologies, bioremediation has its limitations. Some contaminants, such as chlorinated organic or high aromatic hydrocarbons, are resistant to microbial attack. They are degraded either gradually or not at all, hence, it is not easy to envisage the rates of clean-up for bioremediation implementation. Bioremediation represents a field of great expansion due to the important development of new technologies. Among them, several decades on metagenomics expansion has led to the detection of autochthonous microbiota that plays a key role during transformation. Transcriptomic guides us to know the expression of key genes and proteomics allow the characterization of proteins that conduct specific reactions. In this book we show specific technologies applied in bioremediation of main interest for research in the field, with special attention on fungi, which have been poorly studied microorganisms. Finally, new approaches in the field, such as CRISPR-CAS9, are also discussed. Lastly, it introduces management strategies, such as bioremediation application for managing affected environment and bioremediation approaches. Examples of successful bioremediation applications are illustrated in radionuclide entrapment and retardation, soil stabilization and remediation of polycyclic aromatic hydrocarbons, phenols, plastics or fluorinated compounds. Other emerging bioremediation methods include electro bioremediation, microbe-availed phytoremediation, genetic recombinant technologies in enhancing plants in accumulation of inorganic metals, and metalloids as well as degradation of organic pollutants, protein-metabolic engineering to increase bioremediation efficiency, including nanotechnology applications are also discussed.

POLYMER MEMBRANES FOR FUEL CELLS

Springer Science & Business Media From the late-1960's, perfluorosulfonic acid (PFSAs) ionomers have dominated the PEM fuel cell industry as the membrane material of choice. The "gold standard" amongst the many variations that exist today has been, and to a great extent still is, DuPont's Nafion[®] family of materials. However, there is significant concern in the industry that these materials will not meet the cost, performance, and durability requirements necessary to drive commercialization in key market segments – especially automotive. Indeed, Honda has already put fuel cell vehicles in the hands of real end users that have home-grown fuel cell stack technology incorporating hydrocarbon-based ionomers. "Polymer Membranes in Fuel Cells" takes an in-depth look at the new chemistries and membrane technologies that have been developed over the years to address the concerns associated with the materials currently in use. Unlike the PFSAs, which were originally developed for the chlor-alkali industry, the more recent hydrocarbon and composite materials have been developed to meet the specific requirements of PEM Fuel Cells. Having said this, most of the work has been based on derivatives of known polymers, such as poly(ether-ether ketones), to ensure that the critical requirement of low cost is met. More aggressive operational requirements have also spurred the development on new materials; for example, the need for operation at higher temperature under low relative humidity has spawned the creation of a plethora of new polymers with potential application in PEM Fuel Cells.

AMGOV

LONG STORY SHORT

CQ Press All the fundamentals. No fluff. Learn more with less! A truly revolutionary American Government textbook, Christine Barbour's *AmGov: Long Story Short*, responds to the needs of today's students and instructors through brevity and accessibility. The succinct ten chapters are separated by tabs that make it easy to skim, flip, revisit, reorient, and return to content quickly. Reading aids like bullets, annotations and arrows walk students through important facts and break up the material in short, engaging bites of information that highlight not only what is important but why it's important. Though brief, this core book is still robust enough to provide everything that students need to be successful in their American Government course. Whether for the on-the-go student who doesn't have time to read and digest a lengthy chapter, or the instructor who wants a book that will stay out of their way and leave room for plenty of supplementary reading and activities, *AmGov* provides a perfectly simplified foundation for a successful American Government course.

CAPITAL PUNISHMENT

Capital Punishment examines all aspects of capital punishment in the United States. It discusses the history behind the death penalty in the United States and varying opinions about the ethics of capital punishment. Features include a glossary, further readings, websites, source notes, and an index. Aligned to Common Core Standards and correlated to state standards. Essential Library is an imprint of Abdo Publishing, a division of ABDO.

WORDS OF THE LAGOON

FISHING AND MARINE LORE IN THE PALAU DISTRICT OF MICRONESIA

Univ of California Press *Words of the Lagoon* is an account of the pioneering work of a marine biologist to discover, test, and record the knowledge possessed by native fisherman of the Palau Islands of Micronesia. *Words of the Lagoon* is an account of the pioneering work of a marine biologist to discover, test, and record the knowledge possessed by native fisherman of the Palau Islands of Micronesia.

IMPROVEMENT BULLETIN

HANDBOOK OF BIOLOGICAL DYES AND STAINS

SYNTHESIS AND INDUSTRIAL APPLICATIONS

John Wiley & Sons A COMPLETE, UP-TO-DATE RESOURCE OF INFORMATION ON MORE THAN 200 DYES AND STAINS Handbook of Biological Dyes and Stains is the most comprehensive volume available on the subject, covering all the available dyes and stains known to date in the literature for use in biology and medicine. Top dye expert Dr. Ram Sabnis organizes the compounds alphabetically by the most commonly used chemical name. He presents an easy-to-use reference complete with novel ideas for breakthrough research in medical, biological, chemical, and related fields. This is the first book to give the CAS registry number, chemical structure, Chemical Abstracts index name, all other chemical names, Merck Index number, chemical/dye class, molecular formula, molecular weight, physical form, solubility, melting point, boiling point, pH range, color change at pH, pKa, absorption, and emission maxima of dyes and stains, as well as to provide access to synthesis procedures (lab scale and industrial scale) of dyes and stains. This user-friendly handbook also features references on safety, toxicity, and adverse effects of dyes and stains on humans, animals, and the environment, including: acute/chronic toxicity aquatic toxicity carcinogenicity cytotoxicity ecotoxicity genotoxicity hepatotoxicity marine toxicity mutagenicity nephrotoxicity neurotoxicity oral toxicity phototoxicity phytotoxicity The use of biological dyes and stains has extremely high potential in today's business environment. This makes Handbook of Biological Dyes and Stains a convenient, must-have reference. Its staining, biological, and industrial applications make it a vital resource for industrial and academic researchers; the book also serves as a valuable desktop reference for medical professionals, biologists, chemists, chemical/optical engineers, physicists, materials scientists, intellectual property professionals, students, and professors.

COMPUTER AND INFORMATION SCIENCE APPLICATIONS IN BIOPROCESS ENGINEERING

Springer Science & Business Media Biotechnology has been labelled as one of the key technologies of the last two decades of the 20th Century, offering boundless solutions to problems ranging from food and agricultural production to pharmaceutical and medical applications, as well as environmental and bioremediation problems. Biological processes, however, are complex and the prevailing mechanisms are either unknown or poorly understood. This means that adequate techniques for data acquisition and analysis, leading to appropriate modeling and simulation packages that can be superimposed on the engineering principles, need to be routine tools for future biotechnologists. The present volume presents a masterly summary of the most recent work in the field, covering: instrumentation systems; enzyme technology; environmental biotechnology; food applications; and metabolic engineering.

THE ABEL PRIZE

2003-2007 THE FIRST FIVE YEARS

Springer Science & Business Media The book presents the winners of the first five Abel Prizes in mathematics: 2003 Jean-Pierre Serre; 2004 Sir Michael Atiyah and Isadore Singer; 2005 Peter D. Lax; 2006 Lennart Carleson; and 2007 S.R. Srinivasa Varadhan. Each laureate provides an autobiography or an interview, a curriculum vitae, and a complete bibliography. This is complemented by a scholarly description of their work written by leading experts in the field and by a brief history of the Abel Prize. Interviews with the laureates can be found at <http://extras.springer.com>.

SOLID PROPELLANT CHEMISTRY COMBUSTION AND MOTOR INTERIOR BALLISTICS 1999

AIAA

THE INTERNATIONAL CORPORATE 1000

A DIRECTORY OF WHO RUNS THE WORLD'S 1000 LEADING CORPORATIONS 1987 EDITION

Springer Science & Business Media The International Corporate 1000 represents a joint venture between Monitor Publishing Company of Washington, DC, and Graham & Trotman Limited of London. Monitor Publishing Company is well known as the publisher of The Federal Yellow Book, The Congressional Yellow Book, and The Corporate 1000. Graham & Trotman's annual directories providing data on the major companies in many parts of the world are equally established. The two publishing companies have pooled their expertise in this joint venture to research, compile and publish The International Corporate 1000, A Directory of Who Runs The World's 1000 Leading Corporations. The directory was designed to help you identify and contact the senior executives who lead and manage these companies. Accordingly, you will find extensive, valuable detail about who does what, and how to reach them, but you will find little financial or statistical data. We have designed the book in this way because we believe there is a great need for an accurate and current executive directory, whereas a wealth of financial data is already available from many different sources. The organization of the directory is by key geographical region, then by major country within each region, and then alphabetically by company within each country.

SOLIDWORKS 2019 TRAINING GUIDE

MECHANICAL DESIGN CONCEPT

BPB Publications Designed to provide an insight into the Mechanical Design concept DESCRIPTION The book promises to make you understand and practice the SolidWorks framework. The aim of this book is to take you on a journey to all the phases of SolidWorks. SolidWorks is an innovative, next-generation industry software that allows you to solve and understand the designing and mechanical problems. SolidWorks uses a technical implementation approach for sketching, surfacing, and sheet metal drafting in an incremental and easy way. The main objective of this book is to make the reader understand the concepts of design based on practical knowledge rather than theoretical knowledge. KEY FEATURES Each command is explained in a simple and understandable manner Step-by-step explanation Practical knowledge rather than theoretical knowledge Covers all the modules of SolidWorks 2019 WHAT WILL YOU LEARN SolidWorks and its GUI Sketches (Line, Rectangle, Slot, Circle, ARC, Polygon, and Spline) Extrude, Revolved, Swept, Loft, Boundary, Fillet, and Chamfer Surface (Extruded, Revolved, Swept, Lofted, Boundary, Filled, and Planner) Sheet metal (Base flange/tab, Edge flange, Miter flange, and Hem) Weldments (Structural member, Trim/Extend, End cap, and Gusset) Curves Mold design Drafting Assembly WHO THIS BOOK IS FOR Mechanical engineers and designers, automobile engineers, product designers, heavy vehicle designers. Table of Contents 1. Introduction and Overview 2. Sketch 3. Features 4. Surface 5. Sheet Metal 6. Weldments 7. Curves 8. Mold Design 9. Assembly 10. Drafting

TOTAL TRAINING FOR YOUNG CHAMPIONS

Human Kinetics Collects conditioning programs for athletes between the ages of six and eighteen, offering over three hundred exercises for increasing coordination, flexibility, speed, endurance, and strength

BIOLOGY AND REGULATION OF BLOOD-TISSUE BARRIERS

Springer Science & Business Media This book was written by many outstanding investigators who have spent decades to study different aspects of blood-tissue barrier function. They have summarized some of the latest and fascinating development in their fields of research including the blood-brain barrier, the blood-retinal barrier, the gut barrier, the blood-biliary barrier, the blood-follicle barrier, the blood-epididymis barrier, the blood-testis barrier, the tight junction barrier in general as well as barriers in the female reproductive tract. Included are also chapters that focus on topics that are physiologically applicable to all blood-tissue barriers. Many of these chapters also include information on specific human diseases, such as pathological changes of the gut barrier that cause bowel disorders resulting from inflammation of the epithelial lining in the intestine, and infertility in men as a result of disruption of the blood-epididymal and/or blood-testis barriers; and on new therapeutic approaches (e.g., drug delivery across the blood-brain and the blood-retinal barriers).

HANDBOOK OF DIESEL ENGINES

Springer Science & Business Media This machine is destined to completely revolutionize cylinder diesel engine up through large low speed t- engine engineering and replace everything that exists. stroke diesel engines. An appendix lists the most (From Rudolf Diesel's letter of October 2, 1892 to the important standards and regulations for diesel engines. publisher Julius Springer.) Further development of diesel engines as economiz- Although Diesel's stated goal has never been fully ing, clean, powerful and convenient drives for road and achievable of course, the diesel engine indeed revolu- nonroad use has proceeded quite dynamically in the tionized drive systems. This handbook documents the last twenty years in particular. In light of limited oil current state of diesel engine engineering and technol- reserves and the discussion of predicted climate ogy. The impetus to publish a Handbook of Diesel change, development work continues to concentrate Engines grew out of ruminations on Rudolf Diesel's on reducing fuel consumption and utilizing alternative transformation of his idea for a rational heat engine fuels while keeping exhaust as clean as possible as well into reality more than 100 years ago. Once the patent as further increasing diesel engine power density and was filed in 1892 and work on his engine commenced enhancing operating performance.

RESORCINOL

ITS USES AND DERIVATIVES

Springer Science & Business Media This sourcebook is the detailed review of the chemistry, manufacturing processes, and uses of resorcinol and its derivatives. Citing over 1,900 references, the author clearly explains the chemical's complex development, discussing the many tests, techniques, and instruments used.

SPECTRUM ALGEBRA

Carson-Dellosa Publishing With the help of Spectrum Algebra for grades 6 to 8, your child develops problem-solving math skills they can build on. This standards-based workbook focuses on middle school algebra concepts like equalities, inequalities, factors, fractions, proportions, functions, and more. Middle school is known for its challenges—let Spectrum ease some stress. Developed by education experts, the Spectrum Middle School Math series strengthens the important home-to-school connection and prepares children for math success. Filled with easy instructions and rigorous practice, Spectrum Algebra helps children soar in a standards-based classroom!

CONTROL OF ELECTRICAL DRIVES

Springer Science & Business Media Electrical drives play an important part as electromechanical energy converters in transportation, materials handling and most production processes. This book presents a unified treatment of complete electrical drive systems, including the mechanical parts, electrical machines, and power converters and control. Since it was first published in 1985 the book has found its way onto many desks in industry and universities all over the world. For the second edition the text has been thoroughly revised and updated, with the aim of offering the reader a general view of the field of controlled electrical drives, which are maintaining and extending their importance as the most flexible source of controlled mechanical energy.

PRACTICAL METHODS FOR ANALYSIS AND DESIGN OF HV INSTALLATION GROUNDING SYSTEMS

Academic Press Practical Methods for Analysis and Design of HV Installation Grounding Systems gives readers a basic understanding of the modeling characteristics of the major components of a complex grounding system. One by one, the author develops and analyzes each component as a standalone element, but then puts them together, considering their mutual disposition, or so-called proximity effect. This is the first book to enable the making and analysis of the most complex grounding systems that are typical for HV substations located in urban areas that uses relatively simple mathematical operations instead of modern computers. Since the presented methods enable problem-solving for more complex issues than the ones solved using National, IEC and/or IEEE standards, this book can be considered as an appendix to these standards. Develops general equations of lumped parameter ladder circuits Includes the analytical expression for determination of ground fault current distribution for a fault anywhere along a cable line Presents measurement and analytical methods for the determination of actual ground fault current distribution for high-voltage substations located in urban areas Provides the analytical procedure for the determination of the critical ground fault position for faults appearing in outgoing transmission lines Defines testing procedure for the correct evaluation of grounding systems of substations located in urban areas

SATELLITE PRECIPITATION MEASUREMENT

VOLUME 2

Springer Nature This book offers a complete overview of the measurement of precipitation from space, which has made considerable advancements during the last two decades. This is mainly due to the Tropical Rainfall Measuring Mission (TRMM), the Global Precipitation Measurement (GPM) mission, CloudSat and a carefully maintained constellation of satellites hosting passive microwave sensors. The book revisits a previous book, Measuring Precipitation from Space, edited by V. Levizzani, P. Bauer and F. J. Turk, published with Springer in 2007. The current content has been completely renewed to incorporate the advancements of science and technology in the field since then. This book provides unique contributions from field experts and from the International Precipitation Working Group (IPWG). The book will be of interest to meteorologists, hydrologists, climatologists, water management authorities, students at various levels and many other parties interested in making use of satellite precipitation data sets.

SCIENCE FOCUS 3

The Science Focus Second Edition is the complete science package for the teaching of the New South Wales Stage 4 and 5 Science Syllabus. The Science Focus Second Edition package retains the identified strengths of the highly successful First Edition and includes a number of new and exciting features, improvements and components.

KOMODO DRAGONS

BIOLOGY AND CONSERVATION

Smithsonian Institution More than twenty years have passed since Walter Auffenberg's monumental *The Behavioral Ecology of the Komodo Monitor*. In the intervening years the populations of Komodo dragons—native only to a handful of islands in southeast Indonesia—have dwindled, sparking intensive conservation efforts. During the last two decades new information about these formidable predators has emerged, and the most important findings are clearly presented here. A memoir from Walter Auffenberg and his son Kurt is followed by the latest information on Komodo dragon biology, ecology, population distribution, and behavior. The second part of the book is dedicated to step-by-step management and conservation techniques, both for wild and captive dragons. This successful model is a useful template for the conservation of other endangered species as well, for, as Kurt and Walter Auffenberg note, "The species may well indeed survive in the wild for generations to come while countless other organisms are lost."

THE CIRCULATING PLATELET

Elsevier The Circulating Platelet focuses on the biochemistry and physiology of platelets. Composed of contributions of authors, the compilation starts with the discussions on the origin, discovery, production, and life span of blood platelets. The discussions continue with the morphology of platelets. Concerns include peripheral, sol-gel, and organelle zones and the membrane systems. The book also looks at the energy metabolism of thrombocytes and highlights the presence of glycoproteins in blood platelets. These include polysaccharides, glucosaminoglycans, and glycoproteins. The text also discusses the properties, functions, and the physiological value of thrombosthenin. The compilation further discusses platelet aggregation and functions of platelets. Concerns include collection and processing of platelets; preparation of homogenates; and the agents that influence platelet aggregation. The role of platelets in blood clots and fibrinolysis is emphasized. The selection ends with discussions on the immunological reactions of platelets; the clinical diseases related to blood platelets; and blood transfusion and preservation. The text is vital for researchers interested in studying blood platelets.

NUCLEAR WASTES

TECHNOLOGIES FOR SEPARATIONS AND TRANSMUTATION

National Academies Press Disposal of radioactive waste from nuclear weapons production and power generation has caused public outcry and political consternation. Nuclear Wastes presents a critical review of some waste management and disposal alternatives to the current national policy of direct disposal of light water reactor spent fuel. The book offers clearcut conclusions for what the nation should do today and what solutions should be explored for tomorrow. The committee examines the currently used "once-through" fuel cycle versus different alternatives of separations and transmutation technology systems, by which hazardous radionuclides are converted to nuclides that are either stable or radioactive with short half-lives. The volume provides detailed findings and conclusions about the status and feasibility of plutonium extraction and more advanced separations technologies, as well as three principal transmutation concepts for commercial reactor spent fuel. The book discusses nuclear proliferation; the U.S. nuclear regulatory structure; issues of health, safety and transportation; the proposed sale of electrical energy as a means of paying for the transmutation system; and other key issues.

AFTER PROMONTORY

ONE HUNDRED AND FIFTY YEARS OF TRANSCONTINENTAL RAILROADING

Indiana University Press Celebrating the sesquicentennial anniversary of the completion of the first transcontinental railroad in the United States, *After Promontory: One Hundred and Fifty Years of Transcontinental Railroading* profiles the history and heritage of this historic event. Starting with the original Union Pacific—Central Pacific lines that met at Promontory Summit, Utah, in 1869, the book expands the narrative by considering all of the transcontinental routes in the United States and examining their impact on building this great nation. Exquisitely illustrated with full color photographs, *After Promontory* divides the western United States into three regions—central, southern, and northern—and offers a deep look at the transcontinental routes of each one. Renowned railroad historians Maury Klein, Keith Bryant, and Don Hofsmmer offer their perspectives on these regions along with contributors H. Roger Grant and Rob Krebs.

ASTRONOMICAL DATA ANALYSIS SOFTWARE AND SYSTEMS V

SUSTAINABLE ENERGY MANAGEMENT

Academic Press While the last few decades have witnessed incredible leaps forward in the technology of energy production, technological innovation can only be as transformative as its implementation and management allows. The burgeoning fields of renewable, efficient and sustainable energy have moved past experimentation toward realization, necessitating the transition to more sustainable energy management practices. Energy Management is a collective term for all the systematic practices to minimize and control both the quantity and cost of energy used in providing a service. This new book reports from the forefront of the energy struggle in the developing world, offering a guide to implementation of sustainable energy management in practice. The authors provide new paradigms for measuring energy sustainability, pragmatic methods for applying renewable resources and efficiency improvements, and unique insights on managing risk in power production facilities. The book highlights the possible financial and practical impacts of these activities, as well as the methods of their calculation. The authors' guidelines for planning, analyzing, developing, and optimizing sustainable energy production projects provide vital information for the nations, corporations, and engineering firms that must apply exciting new energy technology in the real world. Shows engineering managers and project developers how to transition smoothly to sustainable practices that can save up to 25% in energy costs! Features case studies from around the world, explaining the whys and hows of successes and failures in China, India, Brazil, the US and Europe Covers a broad spectrum of energy development issues from planning through realization, emphasizing efficiency, scale-up of renewables and risk mitigation Includes software on a companion website to make calculating efficiency gains quick and simple

DAMNATION MARKED

AN URBAN FANTASY NOVEL

SM Reine There's something in the earth deep below Elise Kavanagh's territory. A shadow is falling upon local demons to devour their flesh and harvest their souls. And it's coming for Elise next. The Union has an easy way out. They want to send Elise into hiding again with her former partner, James Faulkner. All she has to do is surrender the territory and trust that they can protect the ethereal ruins, the dark gate, and the city she's come to know as home. Greater powers have other plans for Elise and her fabled power as Godslayer—plans that mean surrendering her life and blood to the most powerful demon alive. But if she descends, there's no turning back. Once she gazes into the abyss, it will gaze back into her...and Elise will be damned forever.

HYDROGEN ENERGY AND VEHICLE SYSTEMS

CRC Press With contributions from noted laboratory scientists, professors, and engineers, *Hydrogen Energy and Vehicle Systems* presents a new comprehensive approach for applying hydrogen-based technologies to the transportation and electric power generation sectors. It shows how these technologies can improve the efficiency and reliability of energy and trans

X/1999

INTERMEZZO

Viz Comics Japan's greatest seer, the blind prophet Hinoto, has foretold the end of the world. At the center of her prophecy is a young man named Kamui Shiro, who possesses startling psychic powers. Although Kamui's future seems to have been predetermined from his birth, he has a choice—save the earth, or destroy it.

ASTROPHYSICS AND COSMOLOGY

PROCEEDINGS OF THE 26TH SOLVAY CONFERENCE ON PHYSICS

World Scientific Ever since 1911, the Solvay Conferences have shaped modern physics. The format is quite different from other conferences as the emphasis is placed on discussion. The 26th edition held in October 2014 in Brussels and chaired by Roger Blandford continued this tradition and addressed some of the most pressing open questions in the fields of astrophysics and cosmology, gathering many of the leading figures working on a wide variety of profound problems. The proceedings contain the "rapporteur talks" giving a broad overview with unique insights by distinguished renowned scientists. These lectures cover the five sessions: "Neutron Stars", "Black Holes", "Cosmic Dawn", "Dark Matter" and "Cosmic Microwave Background". In the Solvay tradition, the proceedings also include the prepared comments to the rapporteur talks. The discussions among the participants — expert, yet lively and sometimes contentious — have been edited to retain to retain their flavor and are reproduced in full. The reader is taken on a breathtaking ride through 42 years of extraordinary discovery since astrophysics was last on the Solvay program and 57 years since cosmology was last discussed. Contents:Opening SessionBlack HolesCosmic DawnDark MatterMicrowave BackgroundClosing Session Readership: Students, researchers and academics interested in astrophysics and cosmology. Key Features:Gives a broad overview of the most pressing open problems in several major fields in astrophysics and cosmologyThe rapporteur talks, given by leaders in the field, provide a beautiful review of the state of the art in each of the subfields discussedThe discussions — transcribed in full — provide a unique view on the thoughts of some of the most outstanding physicists active in this field

THE MEASURE OF MADNESS:

Citadel Press Enter the "fascinating" and frightening world of modern forensic psychology as experienced by one of the most respected practitioners in the field today (Robert K. Tanenbaum, New York Times–bestselling author). At the heart of countless crimes lie the mysteries of the human mind. In this eye-opening book, Dr. Cheryl Paradis draws back the curtain on the fascinating world of forensic psychology, and revisits the most notorious and puzzling cases she has handled in her multifaceted career. Her riveting, sometimes shocking stories reveal the crucial and often surprising role forensic psychology plays in the pursuit of justice—in which the accused may truly believe their own bizarre lies, creating a world that pushes them into committing horrific, violent crimes. Join Dr. Paradis in a stark concrete cell with the indicted as she takes on the daunting task of mapping the suspect's madness or exposing it as fakery. Take a front-row seat in a tense, packed courtroom, where her testimony can determine an individual's fate—or if justice will be truly served. The criminal thought process has never been so intimately revealed—or so darkly compelling—as in this "excellent and entertaining" journey into the darkest corners of the human mind (Booklist).

VEGGIE VALUES

Zondervan Join Larry, Bob, and all the other VeggieTales® characters as they learn how to help others in these four exciting adventures Each story in this collection uses humor and heart to convey important lessons about having good manners, helping others, listening, and sharing. This handy case with a sturdy handle includes the 4 books shown here.

THE MAMMOTH BOOK OF AWESOME COMIC FANTASY

Hachette UK A new and truly awesome collection of comic fantasy masterpieces! It isn't often you find a posse of Greek goddesses putting down insurrection among unruly classical mortals, stranded aliens escaping earth in a church converted into a rocket, or a light-fingered time-traveller attempting to steal the universe - but here they all are, in another selection of bizarre comic fantasies.

FALLOCAUST

Over two hundred and thirty years ago the Fallocaust happened, killing almost everything that lived and creating what is now known as the greywastes. A dead wasteland where cannibalism is a necessity, death your reality, and life before the radiation nothing but pictures in dog-eared magazines. Reaver is a greywaster, living in a small block controlled by a distant ruler said to have started the Fallocaust. He is a product of the savage world he was raised in and prides himself on being cold and cruel. Then someone new to his town catches his eye, someone different than everyone else. Without knowing why he starts to silently stalk him, unaware of where it will lead him.

PAT THE ZOO (PAT THE BUNNY)

Golden Books While at the zoo Pat the Bunny pets the animals, from a wrinkly elephant to a feathery parrot. On board pages.
