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Principles of Inorganic Chemistry Arah Pendidikan Sdn Bhd

With clear, comprehensive and compact notes, EXPRESS is the best revision aid to help you tackle your upcoming PMR examinations! Here's a peek into what Express has to offer you: Conceptual Map for a quick chapter overview Glossary which consists of a list of scientific terms (in bilingual) with explanation Quick Test (exam - oriented questions) for self-evaluation of the understanding of each chapter PMR Forecast Paper which has exam exam - oriented forecast questions with full solution Revision Summary which provides a list of basic but important questions for students to ponder upon

Careers in Criminal Justice and Related Fields: From Internship to Promotion Nova Publishers

Discover the foundational principles of inorganic chemistry with this intuitively organized new edition of a celebrated textbook In the newly revised Second Edition of Principles of Inorganic Chemistry, experienced researcher and chemist Dr. Brian W. Pfennig delivers an accessible and engaging exploration of inorganic chemistry perfect for sophomore-level students. This redesigned book retains all of the rigor of the first edition but reorganizes it to assist readers with learning and retention. In-depth boxed sections include original mathematical derivations for more advanced students, while topics like atomic and molecular term symbols, symmetry coordinates in vibrational spectroscopy, polyatomic MO theory, band theory, and Tanabe-Sugano diagrams are all covered. Readers will find many worked examples throughout the text, as well as numerous unanswered problems at varying levels of difficulty. Informative, colorful illustrations also help to highlight and explain the concepts discussed within. The new edition includes an increased emphasis on the comparison of the strengths and weaknesses of different chemical models, the interconnectedness of valence bond theory and molecular orbital theory, as well as a more thorough discussion of the atoms in molecules topological model. Readers will also find: A thorough introduction to and treatment of group theory, with an emphasis on its applications to chemical bonding and spectroscopy A comprehensive exploration of chemical bonding that compares and contrasts the traditional classification of ionic, covalent, and metallic bonding In-depth examinations of atomic and molecular orbitals and a nuanced discussion of the interrelationship between VBT, MOT, and band theory A section on the relationship between a molecule's structure and bonding and its chemical reactivity With its in-depth boxed discussions, this textbook is also ideal for senior undergraduate and first-year graduate students in inorganic chemistry, Principles of Inorganic Chemistry is a must-have resource for anyone seeking a principles-based approach with theoretical depth. Furthermore, it will be useful for students of physical chemistry, materials science, and chemical physics.

An Introduction to the Scientific Study of English Poetry Cengage Learning

This collection of new essays interprets and critically evaluates the philosophy of Paul Feyerabend. It offers innovative historical scholarship on Feyerabend's take on topics such as realism, empiricism, mimesis, voluntarism, pluralism, materialism, and the mind-body problem, as well as certain debates in the philosophy of physics. It also considers the ways in which

Feyerabend's thought can contribute to contemporary debates in science and public policy, including questions about the nature of scientific methodology, the role of science in society, citizen science, scientism, and the role of expertise in public policy. The volume will provide readers with a comprehensive overview of the topics which Feyerabend engaged with throughout his career, showing both the breadth and the depth of his thought.

Revival: A Modern Introduction to Logic (1950) Purdue University Press

#1 NEW YORK TIMES BESTSELLER • NOW A MAJOR MOTION PICTURE • Look for special features inside.

Join the Random House Reader 's Circle for author chats and more. In boyhood, Louis Zamperini was an incorrigible delinquent. As a teenager, he channeled his defiance into running, discovering a prodigious talent that had carried him to the Berlin Olympics. But when World War II began, the athlete became an airman, embarking on a journey that led to a doomed flight on a May afternoon in 1943.

When his Army Air Forces bomber crashed into the Pacific Ocean, against all odds, Zamperini survived, adrift on a foundering life raft. Ahead of Zamperini lay thousands of miles of open ocean, leaping sharks, thirst and starvation, enemy aircraft, and, beyond, a trial even greater. Driven to the limits of endurance, Zamperini would answer desperation with ingenuity; suffering with hope, resolve, and humor; brutality with rebellion. His fate, whether triumph or tragedy, would be suspended on the fraying wire of his will. Appearing in paperback for the first time—with twenty arresting new photos and an extensive Q&A with the author—Unbroken is an unforgettable testament to the resilience of the human mind, body, and spirit, brought vividly to life by Seabiscuit author Laura Hillenbrand. Hailed as the top nonfiction book of the year by Time magazine • Winner of the Los Angeles Times Book Prize for biography and the Indies Choice Adult Nonfiction Book of the Year award

“Extraordinarily moving . . . a powerfully drawn survival epic.” —The Wall Street Journal “ [A] one-in-a-billion story . . . designed to wrench from self-respecting critics all the blurby adjectives we normally try to avoid: It is amazing, unforgettable, gripping, harrowing, chilling, and inspiring.” —New York “ Staggering . . . mesmerizing . . . Hillenbrand 's writing is so ferociously cinematic, the events she describes so incredible, you don ' t dare take your eyes off the page.” —People “ A meticulous, soaring and beautifully written account of an extraordinary life.” —The Washington Post “ Ambitious and powerful . . . a startling narrative and an inspirational book.” —The New York Times Book Review “ Magnificent . . . incredible . . . [Hillenbrand] has crafted another masterful blend of sports, history and overcoming terrific odds; this is biography taken to the nth degree, a chronicle of a remarkable life lived through extraordinary times.” —The Dallas Morning News “ An astonishing testament to the

superhuman power of tenacity. " —Entertainment Weekly "a tale of triumph and redemption . . . astonishingly detailed." —O: The Oprah Magazine "[A] masterfully told true story . . . nothing less than a marvel." —Washingtonian " [Hillenbrand tells this] story with cool elegance but at a thrilling sprinter ' s pace." —Time " Hillenbrand [is] one of our best writers of narrative history. You don ' t have to be a sports fan or a war-history buff to devour this book—you just have to love great storytelling." —Rebecca Skloot, author of *The Immortal Life of Henrietta Lacks*

The Sacrifice East African Publishers

Hailed by The New York Times as "a compelling dystopian look at paranoia from one of the most unique and perceptive writers of our time," this brief, captivating novel offers a cautionary tale. The story unfolds within a society in which all traces of individualism have been eliminated from every aspect of life — use of the word "I" is a capital offense. The hero, a rebel who discovers that man's greatest moral duty is the pursuit of his own happiness, embodies the values the author embraced in her personal philosophy of objectivism: reason, ethics, volition, and individualism. *Anthem* anticipates the themes Ayn Rand explored in her later masterpieces, *The Fountainhead* and *Atlas Shrugged*. *Publisher's Weekly* acclaimed it as "a diamond in the rough, often dwarfed by the superstar company it keeps with the author's more popular work, but every bit as gripping, daring, and powerful." *Anthem* is a dystopian fiction novella by Ayn Rand, written in 1937 and first published in 1938 in England. It takes place at some unspecified future date when mankind has entered another dark age characterized by irrationality, collectivism, and socialistic thinking and economics.

Technological advancement is now carefully planned (when it is allowed to occur at all) and the concept of individuality has been eliminated.

Biology for AP® Courses Routledge

One of the pathways by which the scientific community confirms the validity of a new scientific discovery is by repeating the research that produced it. When a scientific effort fails to independently confirm the computations or results of a previous study, some fear that it may be a symptom of a lack of rigor in science, while others argue that such an observed inconsistency can be an important precursor to new discovery. Concerns about reproducibility and replicability have been expressed in both scientific and popular media. As these concerns came to light, Congress requested that the National Academies of Sciences, Engineering, and Medicine conduct a study to assess the extent of issues related to reproducibility and replicability and to offer recommendations for improving rigor and transparency in scientific research. *Reproducibility and Replicability in Science* defines reproducibility and replicability and examines the factors that may lead to non-reproducibility and non-replicability in research. Unlike the typical expectation of reproducibility between two computations, expectations about replicability are more nuanced, and in some cases a lack of replicability can aid the process of scientific discovery. This report provides recommendations to researchers, academic institutions, journals, and funders on steps they can take to improve reproducibility and replicability in science.

Vintage

Develops a theory of culture based on a metaphysics that elaborates on the Platonic and Confucian traditions. In *Metaphysics of Goodness*, Robert Cummings Neville extends Alfred North Whitehead's project of cultural studies, which was based on a new metaphysics that Whitehead developed in *Adventures of Ideas*. Neville's focus is value or goodness in many modes. The metaphysics treated in this book derive from the Platonic and Confucian traditions, with significant modifications of Whitehead, Peirce, Dewey, Confucius, Xunzi, and Zhou Dunyi. Part one develops a theory of form based on a

metaphysics of harmony. Part two elaborates a theory of art based on a metaphysics of beauty. Part three sketches a theory of personhood based on a metaphysics of obligation. Part four discusses civilization in a systematic way based on a metaphysics of flourishing. Throughout the book, Neville elaborates a theory of interpretation that is inspired by Peirce, Dewey, and Xunzi but is not limited to their ideas. While the reasoning of the book is concise, it employs methodologies from many kinds of philosophy, art criticism, ethics, and cultural studies, and sees philosophy as needing to learn from all these disciplines. Robert Cummings Neville is Professor Emeritus of Philosophy, Religion, and Theology and Dean Emeritus of the School of Theology at Boston University. He is the author of many books, including *Defining Religion: Essays in Philosophy of Religion* and *The Good Is One, Its Manifestations Many: Confucian Essays on Metaphysics, Morals, Rituals, Institutions, and Genders*, both also published by SUNY Press.

Bilingual Express Science Form 1 Pelangi ePublishing Sdn Bhd

With clear, comprehensive and compact notes, EXPRESS is the best revision aid to help you tackle your upcoming PMR examinations! Here's a peek into what Express has to offer you: Conceptual Map for a quick chapter overview Glossary which consists of a list of scientific terms (in bilingual) with explanation Quick Test (exam - oriented questions) for self-evaluation of the understanding of each chapter PMR Forecast Paper which has exam exam - oriented forecast questions with full solution Revision Summary which provides a list of basic but important questions for students to ponder upon *Philosophy of Science* GENERAL PRESS

The topic of this book is the theoretical foundations of a theory LSLT -- Lexical Semantic Language Theory - and its implementation in a the system for text analysis and understanding called GETARUN, developed at the University of Venice, Laboratory of Computational Linguistics, Department of Language Sciences. LSLT encompasses a psycholinguistic theory of the way the language faculty works, a grammatical theory of the way in which sentences are analysed and generated -- for this we will be using Lexical-Functional Grammar -- a semantic theory of the way in which meaning is encoded and expressed in utterances -- for this we will be using Situation Semantics -, and a parsing theory of the way in which components of the theory interact in a common architecture to produce the needed language representation to be eventually spoken aloud or interpreted by the phonetic/acoustic language interface. LSLT will then be put to use to show how discourse relations are mapped automatically from text using the tools available in the 4 sub-theories, and in particular we will focus on Causal Relations showing how the various sub-theories contribute to address different types of causality.

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Express Science Form 1 Pelangi ePublishing Sdn Bhd

Import, Tidy, Transform, Visualize, and Model Data Springer Science & Business Media

How did life evolve on Earth? The answer to this question can help us understand our past and prepare for our future. Although evolution provides credible and reliable answers, polls show that many people turn away from science, seeking other explanations with which they are more comfortable. In the book *Science, Evolution, and Creationism*, a group of experts assembled by the National Academy of Sciences and the Institute of Medicine explain the fundamental methods of science, document the overwhelming evidence in support of biological evolution, and evaluate the alternative perspectives offered by advocates of various kinds of creationism, including "intelligent design." The book explores the many fascinating inquiries being pursued that put the science of evolution to work

in preventing and treating human disease, developing new agricultural products, and fostering industrial innovations. The book also presents the scientific and legal reasons for not teaching creationist ideas in public school science classes. Mindful of school board battles and recent court decisions, *Science, Evolution, and Creationism* shows that science and religion should be viewed as different ways of understanding the world rather than as frameworks that are in conflict with each other and that the evidence for evolution can be fully compatible with religious faith. For educators, students, teachers, community leaders, legislators, policy makers, and parents who seek to understand the basis of evolutionary science, this publication will be an essential resource.

Ortner's Identification of Pathological Conditions in Human Skeletal Remains MIT Press

The *Sacrifice* provides a uniquely detailed account of the sociological context of animal experimentation. Drawing on historical material, media reports and professional debates, interviews with scientists and animal technicians, and ethnographic data from laboratory settings, the authors provide a rich analysis of the complex and changing role of the laboratory animal in the political and scientific culture of the US and the UK.

The Scientific Bases of Faith National Academies Press

Biology for AP® courses covers the scope and sequence requirements of a typical two-semester Advanced Placement® biology course. The text provides comprehensive coverage of foundational research and core biology concepts through an evolutionary lens. *Biology for AP® Courses* was designed to meet and exceed the requirements of the College Board's AP® Biology framework while allowing significant flexibility for instructors. Each section of the book includes an introduction based on the AP® curriculum and includes rich features that engage students in scientific practice and AP® test preparation; it also highlights careers and research opportunities in biological sciences.

ANTHEM Pelangi ePublishing Sdn Bhd

As the author of this volume states, "the science of logic does not stand still." This book was intended to cover the advances made in the study of logic in the first half of the nineteenth century, during which time the author felt there to have been greater advances made than in the whole of the preceding period from the time of Aristotle. Advances which, in her eyes, were not present in contemporary text books.

As such, this book offers a valuable insight into the progress of the subject, tracing this frenetic period in its development with a first-hand awareness of its documentary value.

Data Feminism Random House Trade Paperbacks

The only official lecture notes provided by Kaplan Medical, USMLE Step 3 Lecture Notes 2021-2022: 2-Book Set offers case-based review with a variety of life-like cases. From the same team of instructors who wrote Kaplan Medical's USMLE Step 1 and Step 2 CK Lecture Notes. More than 250 in-depth cases covering every discipline you'll need on this section of the boards Organized in outline format for efficient study Covers the most commonly seen chief complaints Includes basic science correlates likely to be tested on the exam, patient management from Kaplan's experts, patient safety, and population health This collection of books assumes mastery of both Step 1 pre-clinical discipline-based and Step 2 CK

Inquiry and the National Science Education Standards John Wiley & Sons

Today many school students are shielded from one of the most important concepts in modern science: evolution. In engaging and conversational style, *Teaching About Evolution and the Nature of Science* provides a well-structured framework for understanding and teaching

evolution. Written for teachers, parents, and community officials as well as scientists and educators, this book describes how evolution reveals both the great diversity and similarity among the Earth's organisms; it explores how scientists approach the question of evolution; and it illustrates the nature of science as a way of knowing about the natural world. In addition, the book provides answers to frequently asked questions to help readers understand many of the issues and misconceptions about evolution. The book includes sample activities for teaching about evolution and the nature of science. For example, the book includes activities that investigate fossil footprints and population growth that teachers of science can use to introduce principles of evolution. Background information, materials, and step-by-step presentations are provided for each activity. In addition, this volume: Presents the evidence for evolution, including how evolution can be observed today. Explains the nature of science through a variety of examples. Describes how science differs from other human endeavors and why evolution is one of the best avenues for helping students understand this distinction. Answers frequently asked questions about evolution. *Teaching About Evolution and the Nature of Science* builds on the 1996 National Science Education Standards released by the National Research Council--and offers detailed guidance on how to evaluate and choose instructional materials that support the standards. Comprehensive and practical, this book brings one of today's educational challenges into focus in a balanced and reasoned discussion. It will be of special interest to teachers of science, school administrators, and interested members of the community.

How Scientific Experiments Transform Animals and People Simon and Schuster

A Wrinkle in Time is the winner of the 1963 Newbery Medal. It was a dark and stormy night—Meg Murry, her small brother Charles Wallace, and her mother had come down to the kitchen for a midnight snack when they were upset by the arrival of a most disturbing stranger. "Wild nights are my glory," the unearthly stranger told them. "I just got caught in a downdraft and blown off course. Let me sit down for a moment, and then I'll be on my way. Speaking of ways, by the way, there is such a thing as a tesseract." A tesseract (in case the reader doesn't know) is a wrinkle in time. To tell more would rob the reader of the enjoyment of Miss L'Engle's unusual book. *A Wrinkle in Time*, winner of the Newbery Medal in 1963, is the story of the adventures in space and time of Meg, Charles Wallace, and Calvin O'Keefe (athlete, student, and one of the most popular boys in high school). They are in search of Meg's father, a scientist who disappeared while engaged in secret work for the government on the tesseract problem.

Make It Stick SUNY Press

Concepts of Biology is designed for the single-semester introduction to biology course for non-science majors, which for many students is their only college-level science course. As such, this course represents an important opportunity for students to develop the necessary knowledge, tools, and skills to make informed decisions as they continue with their lives. Rather than being mired down with facts and vocabulary, the typical non-science major student needs information presented in a way that is easy to read and understand. Even more importantly, the content should be meaningful. Students do much better when they understand why biology is relevant to their everyday lives. For these reasons, *Concepts of Biology* is grounded on an evolutionary basis and includes exciting features that highlight careers in the biological sciences and everyday applications of the concepts at hand. We also strive to show the interconnectedness of topics within this extremely broad discipline. In order to meet the needs of today's instructors and students, we maintain the overall organization and coverage found in most syllabi for this course. A strength of *Concepts of Biology* is that instructors can customize the

book, adapting it to the approach that works best in their classroom. Concepts of Biology also includes an innovative art program that incorporates critical thinking and clicker questions to help students understand--and apply--key concepts.

Data Feminism is about much more than gender. It is about power, about who has it and who doesn't, and about how those differentials of power can be challenged and changed.

Reproducibility and Replicability in Science East African Publishers

In a world of growing interdependence, crimes are no longer confined by national boundaries. In this context, the necessity to understand criminological developments across the globe becomes imperative. This book aims to offer cross-cultural perspectives of different criminological issues and criminal justice systems operating worldwide. This book emphasizes the collective understanding of criminological problems from an international perspective. This book is a quintessence of contemporary criminological developments, with a global outlook. The book is an edited volume of articles collected from criminologists all over the world. It is a peer reviewed collection. The chapters focuses on various criminological issues such as Bullying, Child abuse, Corrections (Institutional and Community), Cyber crimes, Corporate crime, Corruption, Costs of crime, Crime Analysis, Crime prevention, Crime Mapping and GIS, Criminal justice systems, Environmental crime, Ethnic/communal/caste conflicts, Family violence, Fear of crime, High tech crimes, Homicide, Human trafficking, Juvenile Delinquency, Organized crime, Offenders including women offenders, Policing, Prisons, Public attitudes, Restorative justice, Sexual assault, Stalking, Theories of crime, Transnational crime, Victimology, Violence, White collar crime, and Workplace violence. The book aims to provide theoretical frameworks and pragmatic discussions on Criminology and Criminal Justice. It is intended for Academics, Criminal Justice professionals, and Graduate Students who want to improve their understanding of the issues and challenges that arise when issues related to criminology and criminal justice cross national boundaries. Also, practitioners and academics of allied fields like sociology, psychology, geography, political science, public administration and forensic sciences whose research interests include either crime/criminal justice system/Victim or crime analysis will find this book useful."The comprehensive framework of this book means that it provides a rich variety of international perspectives on an array of crime and justice-related issues. The thirty chapters presented here are a treasure trove of insights in terms of both topical variety and approaches within topic. Dr. Jaishankar has assembled a valuable collection of readings that will find broad acceptance internationally." Prof. Keith Harries (From the Foreword)

The Nature of Explanation Pelangi ePublishing Sdn Bhd

A new way of thinking about data science and data ethics that is informed by the ideas of intersectional feminism. Today, data science is a form of power. It has been used to expose injustice, improve health outcomes, and topple governments. But it has also been used to discriminate, police, and surveil. This potential for good, on the one hand, and harm, on the other, makes it essential to ask: Data science by whom? Data science for whom? Data science with whose interests in mind? The narratives around big data and data science are overwhelmingly white, male, and techno-heroic. In Data Feminism, Catherine D'Ignazio and Lauren Klein present a new way of thinking about data science and data ethics—one that is informed by intersectional feminist thought. Illustrating data feminism in action, D'Ignazio and Klein show how challenges to the male/female binary can help challenge other hierarchical (and empirically wrong) classification systems. They explain how, for example, an understanding of emotion can expand our ideas about effective data visualization, and how the concept of invisible labor can expose the significant human efforts required by our automated systems. And they show why the data never, ever "speak for themselves." Data Feminism offers strategies for data scientists seeking to learn how feminism can help them work toward justice, and for feminists who want to focus their efforts on the growing field of data science. But