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A CONCISE INTRODUCTION TO LOGIC

Cengage Learning Unsurpassed for its clarity and comprehensiveness, Hurley's A CONCISE INTRODUCTION TO LOGIC is the #1 introductory logic textbook in the market. In this Eleventh Edition, Hurley continues to build upon the tradition of a lucid, focused, and accessible presentation of the basic subject matter of logic, both formal and informal. Hurley's extensive, carefully sequenced collection of exercises continue to guide students toward greater proficiency with the skills they are learning. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

A CONCISE INTRODUCTION TO LOGIC

Cengage Learning Tens of thousands of students have learned to be more discerning at constructing and evaluating arguments with the help of Patrick J. Hurley. Hurley's lucid, friendly, yet thorough presentation has made A CONCISE INTRODUCTION TO LOGIC the most widely used logic text in North America. In addition, the book's accompanying technological resources, such as CengageNOW and Learning Logic, include interactive exercises as well as video and audio clips to reinforce what you read in the book and hear in class. In short, you'll have all the assistance you need to become a more logical thinker and communicator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

LOGIC AND DISCRETE MATHEMATICS

A CONCISE INTRODUCTION, SOLUTIONS MANUAL

John Wiley & Sons Solutions manual to accompany Logic and Discrete Mathematics: A Concise Introduction This book features a unique combination of comprehensive coverage of logic with a solid exposition of the most important fields of discrete mathematics, presenting material that has been tested and refined by the authors in university courses taught over more than a decade. Written in a clear and reader-friendly style, each section ends with an extensive set of exercises, most of them provided with complete solutions which are available in this accompanying solutions manual.

LOGIC

THE ESSENTIALS

LEARNING LOGIC 6.0

Wadsworth Publishing Company This interactive learning tool includes sound plus engaging animations and cartoons that present the central concepts of logic to reinforce every chapter of the text. Progress at your own pace, and receive immediate feedback on both correct and incorrect answers. Learning Logic is included on Logc CourseMate (for which access is provided with each new text), or, your instructor may request that it be packaged on CD-ROM with each new text.

A CONCISE INTRODUCTION TO MATHEMATICAL LOGIC

Springer Mathematical logic developed into a broad discipline with many applications in mathematics, informatics, linguistics and philosophy. This text introduces the fundamentals of this field, and this new edition has been thoroughly expanded and revised.

A CONCISE INTRODUCTION TO LINGUISTICS

Routledge Provides a linguistic foundation for students of all majors Assisted by numerous pedagogical aids, A Concise Introduction to Linguistics, 4/e explains all concepts in a systematic way making complex linguistic topics as easy to learn as possible. This introductory title covers the core topics of linguistics, providing the information and concepts that will allow students to understand more detailed and advanced treatments of linguistics. This student-friendly and well-balanced overview of the field of introductory linguistics pays special attention to linguistic anthropology and reveals the main contributions of linguistics to the study of human communication and how issues of culture are relevant. Its workbook format contains well-constructed exercises in every chapter that allow students to practice key concepts.

THE LIBERAL MANIFESTO

A CONCISE INTRODUCTION TO THE UNSUSTAINABLE IDEOLOGY OF LIBERALISM

THE LIBERAL MANIFESTO AMERICA HAS REACHED AN UNPRECEDENTED TIME IN HISTORY WITH THE SAFETY, LIBERTY, AND PROSPERITY OF EVERY AMERICAN IN JEOPARDY. The moral fabric of America and the individual liberty of Americans continue to suffer unrelenting attacks. In his definitive new book, The Liberal Manifesto, Frank S. Smith presents a convincing case that America's decline is due to the unsustainable nature of the liberal ideology and a hidden agenda behind the liberal movement. He provides numerous examples of past and present efforts by liberal elites to manufacture circumstances and manipulate American ideals to conform to expectations that are unsustainable. These examples substantiate their abuse of power, breaking of laws, and socialistic efforts to precipitate an environment that is forcing Americans to become dependent on, and submissive to, government control. The Liberal Manifesto identifies six Convenience Doctrines (philosophies developed for the sake of convenience) that characterize the pretense of the liberal movement, and the motive behind each one. It shows how these philosophies, which appeal to the emotions of unwitting Americans, are spurious and unsustainable. The evidence in this book suggests that the more liberalism prevails, the more Americans will suffer. From socialist and communist parallels to the unsustainable nature of big government, The Liberal Manifesto illustrates the source of the problem. Thomas Jefferson advocated for a broadly educated citizenry because he believed that well-informed citizens "are the only sure reliance for the preservation of our liberty." If Americans wish to retain America's exceptionalism it will require citizens getting informed and getting involved.

A CONCISE INTRODUCTION TO LOGIC

Open SUNY Textbooks

ETHICS AND TECHNOLOGY

CONTROVERSIES, QUESTIONS, AND STRATEGIES FOR ETHICAL COMPUTING

John Wiley & Sons Ethics and Technology, 5th Edition, by Herman Tavani introduces students to issues and controversies that comprise the relatively new field of cyberethics. This text examines a wide range of cyberethics issues--from specific issues of moral responsibility that directly affect computer and information technology (IT) professionals to broader social and ethical concerns that affect each of us in our day-to-day lives. The 5th edition shows how modern day controversies created by emerging technologies can be analyzed from the perspective of standard ethical concepts and theories. -- Provided by publisher.

GIVING REASONS

AN EXTREMELY SHORT INTRODUCTION TO CRITICAL THINKING

Hackett Publishing Giving Reasons prepares students to think independently, evaluate information, and reason clearly across disciplines. Accessible to students and effective for instructors, it provides plain-English exercises, helpful appendices, and a variety of online supplements.

MATHEMATICAL THOUGHT

AN INTRODUCTION TO THE PHILOSOPHY OF MATHEMATICS

Springer Science & Business Media In contributing a foreword to this book I am complying with a wish my husband expressed a few days before his death. He had completed the manuscript of this work, which may be considered a companion volume to his book Formal Methods. The task of seeing it through the press was undertaken by Mr. J. J. A. Mooij, acting director of the Institute for Research in Foundations and the Philosophy of Science (Instituut voor Grondslagenonderzoek en Filosofie der Exacte Wetenschappen) of the University of Amsterdam, with the help of Mrs. E. M. Barth, lecturer at the Institute. I wish to thank Mr. Mooij and Mrs. Barth most cordially for the care with which they have acquitted themselves of this delicate task and for the speed with which they have brought it to completion. I also wish to express my gratitude to Miss L. E. Minning, M. A. , for the helpful advice she has so kindly given to Mr. Mooij and Mrs. Barth during the proof reading. C. P. C. BETH-PASTOOR VII PREFACE A few years ago Mr. Horace S.

ANT COLONY OPTIMIZATION

MIT Press An overview of the rapidly growing field of ant colony optimization that describes theoretical findings, the major algorithms, and current applications. The complex social behaviors of ants have been much studied by science, and computer scientists are now finding that these behavior patterns can provide models for solving difficult combinatorial optimization problems. The attempt to develop algorithms inspired by one aspect of ant behavior, the ability to find what computer scientists would call shortest paths, has become the field of ant colony optimization (ACO), the most successful and widely recognized algorithmic technique based on ant behavior. This book presents an overview of this rapidly growing field, from its theoretical inception to practical applications, including descriptions of many available ACO algorithms and their uses. The book first describes the translation of observed ant behavior into working optimization algorithms. The ant colony metaheuristic is then introduced and viewed in the general context of combinatorial optimization. This is followed by a detailed description and guide to all major ACO algorithms and a report on current theoretical findings. The book surveys ACO applications now in use, including routing, assignment, scheduling, subset, machine learning, and bioinformatics problems. AntNet, an ACO algorithm designed for the network routing problem, is described in detail. The authors conclude by summarizing the progress in the field and outlining future research directions. Each chapter ends with bibliographic material, bullet points setting out important ideas covered in the chapter, and exercises. Ant Colony Optimization will be of interest to academic and industry researchers, graduate students, and practitioners who wish to learn how to implement ACO algorithms.

CRITICAL THINKING

A STUDENT'S INTRODUCTION

Ingram

DESIGNING CLINICAL RESEARCH

Lippincott Williams & Wilkins Designing Clinical Research sets the standard for providing a practical guide to planning, tabulating, formulating, and implementing clinical research, with an easy-to-read, uncomplicated presentation. This edition incorporates current research methodology—including molecular and genetic clinical research—and offers an updated syllabus for conducting a clinical research workshop. Emphasis is on common sense as the main ingredient of good science. The book explains how to choose well-focused research questions and details the steps through all the elements of study design, data collection, quality assurance, and basic grant-writing. All chapters have been thoroughly revised, updated, and made more user-friendly.

INTRODUCTION TO STATISTICS AND DATA ANALYSIS

WITH EXERCISES, SOLUTIONS AND APPLICATIONS IN R

Springer This introductory statistics textbook conveys the essential concepts and tools needed to develop and nurture statistical thinking. It presents descriptive, inductive and explorative statistical methods and guides the reader through the process of quantitative data analysis. In the experimental sciences and interdisciplinary research, data analysis has become an integral part of any scientific study. Issues such as judging the credibility of data, analyzing the data, evaluating the reliability of the obtained results and finally drawing the correct and appropriate conclusions from the results are vital. The text is primarily intended for undergraduate students in disciplines like business administration, the social sciences, medicine, politics, macroeconomics, etc. It features a wealth of examples, exercises and solutions with computer code in the statistical programming language R as well as supplementary material that will enable the reader to quickly adapt all methods to their own applications.

TRENDS AND APPLICATIONS IN INFORMATION SYSTEMS AND TECHNOLOGIES

VOLUME 2

Springer Nature This book is composed of a selection of articles from The 2021 World Conference on Information Systems and Technologies (WorldCIST'21), held online between 30 and 31 of March and 1 and 2 of April 2021 at Hangra de Heroismo, Terceira Island, Azores, Portugal. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and challenges of modern information systems and technologies research, together with their technological development and applications. The main topics covered are: A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human-Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; N) Technologies for Biomedical Applications.

SYMBOLIC LOGIC

STAND ALONE RULES AND ARGUMENT FORMS CARD

Wadsworth Publishing Company A handy reference, this four-page course card includes rules and argument forms students need in order to complete exercises.

INTRODUCTION TO LOGIC AND CRITICAL THINKING

Houghton Mifflin Harcourt P

APPLIED RESEARCH DESIGN

A PRACTICAL GUIDE

SAGE Publications "The Terry E. Hedrick, Leonard Bickman, and Debra J. Rog text provides a framework for designing research that is adaptable to almost any applied setting and constantly reiterates the need for establishing and maintaining credibility with the client at each level of the research process. Although the applied research book is a practical guide, suitable to accompany any thorough applied design textbook, it does a comprehensive job of presenting the distinction between basic and applied research. It introduces many topics found in the general methodology textbooks. This overlap will help students to feel comfortable in using the general skills in a more specific and complex manner." --Contemporary Psychology "For researchers needing to know how to plan and design applied research projects, Applied Research Design will be a most welcome publication. . . . The writing is clear and concise, graphics are utilized helpfully, and this book will be much appreciated by beginning social scientists who are serious but uncertain about the methodologies possible for doing applied research." --Academic Library Book Review Aimed at helping researchers and students make the transition from the classroom and the laboratory to the "real" world, the authors reveal pitfalls to avoid and strategies to undertake in order to overcome obstacles in the design and planning of applied research. Applied Research Design focuses on refining research questions when actual events force deviations from the original analysis. To accomplish this, the authors discuss how to study and monitor program implementation, statistical power analysis, and how to assess the human and material resources needed to conduct an applied research design to facilitate the management of data collection, analysis, and interpretation. Appropriate for professionals and researchers who have had some previous exposure to research methods, this book will enable the development of research strategies that are credible, useful, and--more important--feasible.

THE LOGIC MANUAL

OUP Oxford The Logic Manual is the ideal introduction to logic for beginning philosophy students. It offers a concise but complete introductory course, giving a firm grounding in the logic that is needed to study contemporary philosophy. Exercises, examples, and sample examination papers are provided on an accompanying website.

ESSENTIALS OF LOGIC

Taylor & Francis Rendered from the 11th Edition of Copi/Cohen, Introduction to Logic, the most respected introductory logic book on the market, this concise version presents a simplified yet rigorous introduction to the study of logic. It covers all major topics and approaches, using a three-part organization that outlines specific topics under logic and language, deduction, and induction. For individuals intrigued by the formal study of logic.

THE ART OF THE ARGUMENT

WESTERN CIVILIZATION'S LAST STAND

Createspace Independent Publishing Platform 'The Art of the Argument' shocks the dying art of rational debate back to life, giving you the essential tools you need to fight the escalating sophistry, falsehoods and vicious personal attacks that have displaced intelligent conversations throughout the world. At a time when we need reasonable and empirical discussions more desperately than ever, 'The Art of the Argument' smashes through the brain-eating fogs of sophistry and mental manipulation, illuminating a path to benevolent power for all who wish to take it. Civilization is defined by our willingness and ability to use words instead of fists - in the absence of reason, violence rules. 'The Art of the Argument' gives you the intellectual ammunition - in one concentrated, entertaining and powerful package - to engage in truly productive, civilization-saving debates. Armed with this book, you will be empowered to speak truth to power, illuminate ignorance, shatter delusions and expose the dangerous sophists within your own life, and around the world.

UNDOING GENDER

Routledge Undoing Gender constitutes Judith Butler's recent reflections on gender and sexuality, focusing on new kinship, psychoanalysis and the incest taboo, transgender, intersex, diagnostic categories, social violence, and the tasks of social transformation. In terms that draw from feminist and queer theory, Butler considers the norms that govern--and fail to govern--gender and sexuality as they relate to the constraints on recognizable personhood. The book constitutes a reconsideration of her earlier view on gender performativity from Gender Trouble. In this work, the critique of gender norms is clearly situated within the framework of human persistence and survival. And to "do" one's gender in certain ways sometimes implies "undoing" dominant notions of personhood. She writes about the "New Gender Politics" that has emerged in recent years, a combination of movements concerned with transgender, transsexuality, intersex, and their complex relations to feminist and queer theory.

SOCRATIC LOGIC

A LOGIC TEXT USING SOCRATIC METHOD, PLATONIC QUESTIONS & ARISTOTELIAN PRINCIPLES

St Augustine PressInc This new and revised edition of Peter Kreeft's Socratic Logic is updated, adding new exercises and more complete examples, all with Kreeft's characteristic clarity and wit. Since its introduction in the spring of 2004, Socratic Logic has proven to be a different type of logic text: (1) This is the only complete system of classical Aristotelian logic in print. The "old logic" is still the natural logic of the four language arts (reading, writing, speaking, and listening). Symbolic, or "mathematical," logic is not for the humanities. (How often have you heard someone argue in symbolic logic?) (2) This book is simple and user-friendly. It is highly interactive, with a plethora of exercises and a light, engaging style. (3) It is practical. It is designed for do-it-yourselfers as well as classrooms. It emphasizes topics in proportion to probable student use: e.g., interpreting ordinary language, not only analyzing but also constructing effective arguments, smoking out hidden assumptions, making "argument maps," and using Socratic method in various circumstances. (4) It is philosophical. Its exercises expose students to many classical quotations, and additional chapters introduce philosophical issues in a Socratic manner and from a commonsense, realistic point of view. It prepares students for reading Great Books rather than Dick and Jane, and models Socrates as the beginner's ideal teacher and philosopher.

LOGIC MADE EASY: HOW TO KNOW WHEN LANGUAGE DECEIVES YOU

W. W. Norton & Company "The best introduction to logic you will find."—Martin Gardner "Professor Bennett entertains as she instructs," writes Publishers Weekly about the penetrating yet practical Logic Made Easy. This brilliantly clear and gratifyingly concise treatment of the ancient Greek discipline identifies the illogical in everything from street signs to tax forms. Complete with puzzles you can try yourself, Logic Made Easy invites readers to identify and ultimately remedy logical slips in everyday life. Designed with dozens of visual examples, the book guides you through those hair-raising times when logic is at odds with our language and common sense. Logic Made Easy is indeed one of those rare books that will actually make you a more logical human being.

LOGICALLY FALLACIOUS

THE ULTIMATE COLLECTION OF OVER 300 LOGICAL FALLACIES (ACADEMIC EDITION)

eBookIt.com This book is a crash course in effective reasoning, meant to catapult you into a world where you start to see things how they really are, not how you think they are. The focus of this book is on logical fallacies, which loosely defined, are simply errors in reasoning. With the reading of each page, you can make significant improvements in the way you reason and make decisions. Logically Fallacious is one of the most comprehensive collections of logical fallacies with all original examples and easy to understand descriptions, perfect for educators, debaters, or anyone who wants to improve his or her reasoning skills. "Expose an irrational belief, keep a person rational for a day. Expose irrational thinking, keep a person rational for a lifetime." - Bo Bennett This 2021 Edition includes dozens of more logical fallacies with many updated examples.

COMMAND OF THE AIR

Pickle Partners Publishing In the pantheon of air power spokesmen, Giulio Douhet holds center stage. His writings, more often cited than perhaps actually read, appear as excerpts and aphorisms in the writings of numerous other air power spokesmen, advocates-and critics. Though a highly controversial figure, the very controversy that surrounds him offers to us a testimonial of the value and depth of his work, and the need for airmen today to become familiar with his thought. The progressive development of air power to the point where, today, it is more correct to refer to aerospace power has not outdated the notions of Douhet in the slightest. In fact, in many ways, the kinds of technological capabilities that we enjoy as a global air power provider attest to the breadth of his vision. Douhet, together with Hugh "Boom" Trenchard of Great Britain and William "Billy" Mitchell of the United States, is justly recognized as one of the three great spokesmen of the early air power era. This reprint is offered in the spirit of continuing the dialogue that Douhet himself so perceptively began with the first edition of this book, published in 1921. Readers may well find much that they disagree with in this book, but also much that is of enduring value. The vital necessity of Douhet's central vision-that command of the air is all important in modern warfare-has been proven throughout the history of wars in this century, from the fighting over the Somme to the air war over Kuwait and Iraq.

C PROGRAMMING

A MODERN APPROACH

Createspace Independent Publishing Platform C++ was written to help professional C# developers learn modern C++ programming. The aim of this book is to leverage your existing C# knowledge in order to expand your skills. Whether you need to use C++ in an upcoming project, or simply want to learn a new language (or reacquaint yourself with it), this book will help you learn all of the fundamental pieces of C++ so you can begin writing your own C++ programs. This updated and expanded second edition of Book provides a user-friendly introduction to the subject. Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject. We hope you find this book useful in shaping your future career & Business.

MINESWEEPER (SPECIAL FORCES, BOOK 2)

Scholastic Inc. "All the sizzle, chaos, noise and scariness of war is clay in the hands of ace storyteller Lynch." -- Kirkus Reviews for the World War II series Discover the secret missions behind America's greatest conflicts.Fergus Frew thought he knew what to expect when he signed up with the Navy's demolitions team. But as the Korean War rages on, Fergus and his fellow divers -- AKA "frogmen" -- are tasked with more than just scouting mudflats. Soon they're planting mines. And sabotaging tunnels, bridges... and even fishing nets. Strangest of all, it falls to Fergus to transport a spy into the country -- and that means traveling far from Navy-controlled waters.But frogmen are amphibious. And Fergus may not realize it, but he's in a position to change the way the whole world thinks about combat.National Book Award finalist Chris Lynch continues his explosive fiction series based on the real-life, top-secret history of US black ops and today's heroic Navy SEALs.

CONSUMER BEHAVIOR

BUILDING MARKETING STRATEGY

MCGRAW-HILL'S 10 ACT PRACTICE TESTS, SECOND EDITION

McGraw Hill Professional We want to give you the practice you need on the ACT McGraw-Hill's 10 ACT Practice Tests helps you gauge what the test measures, how it's structured, and how to budget your time in each section. Written by the founder and faculty of Advantage Education, one of America's most respected providers of school-based test-prep classes, this book provides you with the intensive ACT practice that will help your scores improve from each test to the next. You'll be able to sharpen your skills, boost your confidence, reduce your stress-and to do your very best on test day. 10 complete sample ACT exams, with full explanations for every answer 10 sample writing prompts for the optional ACT essay portion Scoring Worksheets to help you calculate your total score for every test Expert guidance in prepping students for the ACT More practice and extra help online ACT is a registered trademark of ACT, Inc., which was not involved in the production of, and does not endorse, this product.

MASTERING LOGICAL FALLACIES

THE DEFINITIVE GUIDE TO FLAWLESS RHETORIC AND BULLETPROOF LOGIC

Zephyros Press "If I have learned anything in ten years of formal debating, it is that arguments are no different: without a good understanding of the rules and tactics, you are likely to do poorly and be beaten."--HENRY ZHANG, President of the Yale Debate Association Your argument is valid and you know it; yet once again you find yourself leaving a debate feeling defeated and embarrassed. The matter is only made worse when you realize that your defeat came at the hands of someone's abuse of logic--and that with the right skills you could have won the argument. The ability to recognize logical fallacies when they occur is an essential life skill. Mastering Logical Fallacies is the clearest, boldest, and most systematic guide to dominating the rules and tactics of successful arguments. This book offers methodical breakdowns of the logical fallacies behind exceedingly common, yet detrimental, argumentative mistakes, and explores them through real life examples of logic-gone-wrong. Designed for those who are ready to gain the upper hand over their opponents, this master class teaches the necessary skills to identify your opponents' misuse of logic and construct effective, arguments that win. With the empowering strategies offered in Mastering Logical Fallacies you'll be able to reveal the slight-of-hand flaws in your challengers' rhetoric, and seize control of the argument with bulletproof logic.

PSYCHOLOGY

CORE CONCEPTS

Pearson College Division ALERT: Before you purchase, check with your instructor or review your course syllabus to ensure that you select the correct ISBN. Several versions of Pearson's MyLab & Mastering products exist for each title, including customized versions for individual schools, and registrations are not transferable. In addition, you may need a CourseID, provided by your instructor, to register for and use Pearson's MyLab & Mastering products. Packages Access codes for Pearson's MyLab & Mastering products may not be included when purchasing or renting from companies other than Pearson; check with the seller before completing your purchase. Used or rental books If you rent or purchase a used book with an access code, the access code may have been redeemed previously and you may have to purchase a new access code. Access codes Access codes that are purchased from sellers other than Pearson carry a higher risk of being either the wrong ISBN or a previously redeemed code. Check with the seller prior to purchase. -- Where great science meets great teaching. Psychology: Core Concepts, 7/e provides rich coverage of the foundational topics taught for introductory psychology. Each major section of every chapter is organized around a single concept, called a Core Concept. The Core Concepts allow readers to draw connections across the chapter and see the big picture of psychology. Learning is then reinforced through focused application and critical thinking activities. The 7th edition features an enhanced critical thinking emphasis, with new chapter-opening "Problems" and new end-of-chapter critical thinking applications that promote active learning. MyPsychLab is an integral part of the Zimbardo / Johnson / McCann Hamilton program. Engaging activities and assessments provide a teaching and learning system that helps students think critically. With MyPsychLab, students can watch videos on psychological research and applications, participate in virtual classic experiments, and develop critical thinking skills through writing. Psychology: Core Concepts, 7/e is available in a new DSM-5 Updated Edition. To learn more, click here. This title is available in a variety of formats - digital and print. Pearson offers its titles on the devices students love through Pearson's MyLab products, CourseSmart, Amazon, and more.

PROTECTIVE RELAYING

PRINCIPLES AND APPLICATIONS, FOURTH EDITION

CRC Press For many years, Protective Relaying: Principles and Applications has been the go-to text for gaining proficiency in the technological fundamentals of power system protection. Continuing in the bestselling tradition of the previous editions by the late J. Lewis Blackburn, the Fourth Edition retains the core concepts at the heart of power system analysis. Featuring refinements and additions to accommodate recent technological progress, the text: Explores developments in the creation of smarter, more flexible protective systems based on advances in the computational power of digital devices and the capabilities of communication systems that can be applied within the power grid Examines the regulations related to power system protection and how they impact the way protective relaying systems are designed, applied, set, and monitored Considers the evaluation of protective systems during system disturbances and describes the tools available for analysis Addresses the benefits and problems associated with applying microprocessor-based devices in protection schemes Contains an expanded discussion of intertie protection requirements at dispersed generation facilities Providing information on a mixture of old and new equipment, Protective Relaying: Principles and Applications, Fourth Edition reflects the present state of power systems currently in operation, making it a handy reference for practicing protection engineers. And yet its challenging end-of-chapter problems, coverage of the basic mathematical requirements for fault analysis, and real-world examples ensure engineering students receive a practical, effective education on protective systems. Plus, with the inclusion of a solutions manual and figure slides with qualifying course adoption, the Fourth Edition is ready-made for classroom implementation.

BIO-INSPIRED INNOVATION AND NATIONAL SECURITY

NDU Press Despite the vital importance of the emerging area of biotechnology and its role in defense planning and policymaking, no definitive book has been written on the topic for the defense policymaker, the military student, and the private-sector bioscientist interested in the "emerging opportunities market" of national security. This edited volume is intended to help close this gap and provide the necessary backdrop for thinking strategically about biology in defense planning and policymaking. This volume is about applications of the biological sciences, here called "biologically inspired innovations," to the military. Rather than treating biology as a series of threats to be dealt with, such innovations generally approach the biological sciences as a set of opportunities for the military to gain strategic advantage over adversaries. These opportunities range from looking at everything from genes to brains, from enhancing human performance to creating renewable energy, from sensing the environment around us to harnessing its power.

BASIC WELL LOG ANALYSIS

Amer Assn of Petroleum Geologists This publication is a general introduction to common openhole logging measurements, both wire line and MWD/LWD, and the interpretation of those measurements to determine the traditional analytical goals of porosity, fluid saturation, and lithology/mineralogy. It is arranged by the interpretation goals of the data, rather than by the underlying physics of the measurements. The appendix files contain digital versions of the data from the case studies, a summary guide to the measurements and their interpretation, and a simple spreadsheet containing some of the more common interpretation algorithms.

KEY CONCEPTS IN CULTURAL STUDIES

Palgrave This is a student friendly resource for the rapidly developing field of cultural studies. Organized alphabetically, it provides a comprehensive selection of accessible definitions of key cultural studies terms, guides readers to critical reference for further reading and places cultural studies in disciplinary and interdisciplinary contexts.

INTRODUCTION TO LOGIC

Pearson College Division This introductory logic textbook focuses on the basics of logic and language, deduction, and induction. Specific chapters discuss fallacies, categorical propositions, categorical syllogisms, symbolic logic, quantification theory, analogy and inference, casual connections, science and hypothesis, and