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KEY=COLLEGE - AMARIS ALANNAH

On My Right Michael, On My Left Gabriel Angels in Ancient Jewish Culture

Univ of California Press Angelic beings can be found throughout the Hebrew Bible, and by late antiquity the archangels Michael and Gabriel were as familiar as the patriarchs and matriarchs, guardian angels were as present as one's shadow, and praise of the seraphim was as sacred as the Shema prayer. Mika Ahuvia recovers once-commonplace beliefs about the divine realm and demonstrates that angels were foundational to ancient Judaism. Ancient Jewish practice centered on humans' relationships with invisible beings who acted as intermediaries, role models, and guardians. Drawing on non-canonical sources—incantation bowls, amulets, mystical texts, and liturgical poetry—Ahuvia shows that when ancient men and women sought access to divine aid, they turned not only to their rabbis or to God alone but often also to the angels. On My Right Michael, On My Left Gabriel spotlights these overlooked stories, interactions, and rituals, offering a new entry point to the history of Judaism and the wider ancient Mediterranean and Near Eastern world in which it flourished.

Fundamentals of Engineering Economics and Decision Analysis

Springer Nature The authors cover two general topics: basic engineering economics and risk analysis in this text. Within the topic of engineering economics are discussions on the time value of money and interest relationships. These interest relationships are used to define certain project criteria that are used by engineers and project managers to select the best economic choice among several alternatives. Projects examined will include both income- and service-producing investments. The effects of escalation, inflation, and taxes on the economic analysis of alternatives are discussed. Risk analysis incorporates the concepts of probability and statistics in the evaluation of alternatives. This allows management to determine the probability of success or failure of the project. Two types of sensitivity analyses are presented. The first is referred to as the range approach while the second uses probabilistic concepts to determine a measure of the risk involved. The authors have designed the text to assist individuals to prepare to successfully complete the economics portions of the Fundamentals of Engineering Exam. Table of Contents: Introduction / Interest and the Time Value of Money / Project Evaluation Methods / Service Producing Investments / Income Producing Investments / Determination of Project Cash Flow / Financial Leverage / Basic Statistics and Probability / Sensitivity Analysis

Teaching and Learning in an Era of Change

Proceedings

Frontiers in Education 1997

27th Annual Conference : Proceedings, November 5-8, 1997, Pittsburgh, PA : Teaching and Learning in an Era of Change

Automation and Autonomy

Labour, Capital and Machines in the Artificial Intelligence Industry

Springer Nature This book argues that Marxist theory is essential for understanding the contemporary industrialization of the form of artificial intelligence (AI) called machine learning. It includes a political economic history of AI, tracking how it went from a fringe research interest for a handful of scientists in the 1950s to a centerpiece of cybernetic capital fifty years later. It also includes a political economic study of the scale, scope and dynamics of the contemporary AI industry as well as a labour process analysis of commercial machine learning software production, based on interviews with workers and management in AI companies around the world, ranging from tiny startups to giant technology firms. On the basis of this study, Steinhoff develops a Marxist analysis to argue that the popular theory of immaterial labour, which holds that information technologies increase the autonomy of workers from capital, tending towards a post-capitalist economy, does not adequately describe the situation of high-tech digital labour today. In the AI industry, digital labour remains firmly under the control of capital. Steinhoff argues that theories discerning therein an emergent autonomy of labour are in fact witnessing labour's increasing automation.

Electrical Engineering Enabling Engineering Student Success The Final Report for the Center for the Advancement of Engineering Education

Morgan & Claypool

The Federal Student Aid Information Center Higher Education and Hope Institutional, Pedagogical and Personal Possibilities

Springer Around the world, the landscape of Higher Education is increasingly shaped by discourses of employability, rankings, and student satisfaction. Under these conditions, the role of universities in preparing students for all facets of life, and to contribute to the public good, is reshaped in significant ways: ways which are often negative and pessimistic. This book raises important and pressing questions about the nature and role of universities as formative educational institutions, drawing together contributors from both Western and non-Western perspectives. While the editors and contributors critique the current situation, the chapters evince a more humane and compassionate framing of the work of and in universities, based on positive and valued relationships and notions of the good. Drawing together a wide range of theoretical and conceptual frameworks to illuminate the issues discussed, this volume changes the debate to one of hopefulness and inspiration about the role of higher education for the public good: ultimately looking towards a potentially exciting and rewarding future through which humanity and the planet can flourish.

Hispanic Engineer & IT

Hispanic Engineer & Information Technology is a publication devoted to science and technology and to promoting opportunities in those fields for Hispanic Americans.

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Advances in Bistatic Radar

SciTech Publishing Advances in Bistatic Radar updates and extends bistatic and multistatic radar developments since the publication of Willis' Bistatic Radar in 1991. New and recently declassified military applications are documented, civil applications are detailed including commercial and scientific systems and leading radar engineers provide expertise to each of these applications. Advances in Bistatic Radar consists of two major sections: Bistatic/Multistatic Radar Systems and Bistatic Clutter and Signal Processing. Starting with a history update, the first section documents the early and now declassified military AN/FPS-23 Fluttar DEW-Line Gap-filler, and high frequency (HF) bistatic radars developed for missile attack warning. It then documents the recently developed passive bistatic and multistatic radars exploiting commercial broadcast transmitters for military and civilian air surveillance. Next, the section documents scientific bistatic radar systems for planetary exploration, which have exploited data link transmitters over the last forty years; ionospheric measurements, again exploiting commercial broadcast transmitters; and 3-D wind field measurements using a bistatic receiver hitchhiking off doppler weather radars. This last application has been commercialized. The second section starts by documenting the full, unclassified bistatic clutter scattering coefficient data base, along with the theory and analysis supporting its development. The section then details two major clutter-related developments, spotlight bistatic synthetic aperture radar (SAR), which can now generate high resolution images using bistatic autofocus and related techniques; and adaptive moving target indication (MTI), which allows cancellation of nonstationary clutter generated by moving (i.e. airborne) platforms through the use of bistatic space-time adaptive processing (STAP).

Fundamentals and Applications of Magnetic Materials

Oxford University Press Students and researchers looking for a comprehensive textbook on magnetism, magnetic materials and related applications will find in this book an excellent explanation of the field. Chapters progress logically from the physics of magnetism, to magnetic phenomena in materials, to size and dimensionality effects, to applications. Beginning with a description of magnetic phenomena and measurements on a macroscopic scale, the book then presents discussions of intrinsic and phenomenological concepts of magnetism such as electronic magnetic moments and classical, quantum, and band theories of magnetic behavior. It then covers ordered magnetic materials (emphasizing their structure-sensitive properties) and magnetic phenomena, including magnetic anisotropy, magnetostriction, and magnetic domain structures and dynamics. What follows is a comprehensive description of imaging methods to resolve magnetic microstructures (domains) along with an introduction to micromagnetic modeling. The book then explores in detail size (small particles) and dimensionality (surface and interfaces) effects — the underpinnings of nanoscience and nanotechnology that are brought into sharp focus by magnetism. The hallmark of modern science is its interdisciplinarity, and the second half of the book offers interdisciplinary discussions of information technology, magnetoelectronics and the future of biomedicine via recent developments in magnetism. Modern materials with tailored properties require careful synthetic and characterization strategies. The book also includes relevant details of the chemical synthesis of small particles and the physical deposition of ultra thin films. In addition, the book presents details of state-of-the-art characterization methods and summaries of representative families of materials, including tables of properties. CGS equivalents (to SI) are included.

The Trend in Engineering at the University of Washington Winds of Change

A Magazine for American Indians in Science and Technology

Perspective

Colleges That Change Lives

40 Schools That Will Change the Way You Think About Colleges

Penguin Prospective college students and their parents have been relying on Loren Pope's expertise since 1995, when he published the first edition of this indispensable guide. This new edition profiles 41 colleges—all of which outdo the Ivies and research universities in producing performers, not only among A students but also among those who get Bs and Cs. Contents include: Evaluations of each school's program and "personality" Candid assessments by students, professors, and deans Information on the progress of graduates This new edition not only revisits schools listed in previous volumes to give readers a comprehensive assessment, it also addresses such issues as homeschooling, learning disabilities, and single-sex education.

The Sovereign Trickster

Death and Laughter in the Age of Duterte

Industrial Science and Engineering

Cumulative List of Organizations Described in Section 170 (c) of the Internal Revenue Code of 1954

Peterson's Colleges in the West

Peterson's Provides information on size, curriculum, financial aid, student body, faculty, costs, and application requirements for western colleges and universities.

The Minority and Women's Complete Scholarship Book

Sourcebooks Incorporated Provides a listing of over 1200 scholarships for minority groups and women, including application instructions, addresses, and deadlines

Machining of Ceramics and Composites

CRC Press Presenting modern advances in the machining of ceramics and composites, this work offers broadly based, fundamental information for selecting the appropriate machining processes and parameters, developing successful manufacturing strategies, and designing novel machining systems. It focuses on scientific and engineering developments affecting the present and future of machining processes.

SWE

Data-Driven Science and Engineering

Machine Learning, Dynamical Systems, and Control

Cambridge University Press *Data-driven discovery is revolutionizing the modeling, prediction, and control of complex systems. This textbook brings together machine learning, engineering mathematics, and mathematical physics to integrate modeling and control of dynamical systems with modern methods in data science. It highlights many of the recent advances in scientific computing that enable data-driven methods to be applied to a diverse range of complex systems, such as turbulence, the brain, climate, epidemiology, finance, robotics, and autonomy. Aimed at advanced undergraduate and beginning graduate students in the engineering and physical sciences, the text presents a range of topics and methods from introductory to state of the art.*

Documents of the Senate of the State of New York

Human-Centered Data Science

An Introduction

MIT Press *Best practices for addressing the bias and inequality that may result from the automated collection, analysis, and distribution of large datasets. Human-centered data science is a new interdisciplinary field that draws from human-computer interaction, social science, statistics, and computational techniques. This book, written by founders of the field, introduces best practices for addressing the bias and inequality that may result from the automated collection, analysis, and distribution of very large datasets. It offers a brief and accessible overview of many common statistical and algorithmic data science techniques, explains human-centered approaches to data science problems, and presents practical guidelines and real-world case studies to help readers*

apply these methods. The authors explain how data scientists' choices are involved at every stage of the data science workflow—and show how a human-centered approach can enhance each one, by making the process more transparent, asking questions, and considering the social context of the data. They describe how tools from social science might be incorporated into data science practices, discuss different types of collaboration, and consider data storytelling through visualization. The book shows that data science practitioners can build rigorous and ethical algorithms and design projects that use cutting-edge computational tools and address social concerns.

St. Joseph Academy Class of 2013

Kenosha News

The Culture of Digital Scholarship in Academic Libraries

ALA Editions *At the heart of digital scholarship are universal questions, lessons, and principles relating both to the mission of higher education and the shared values that make an academic library culture. But while global in aspirations, digital scholarship starts with local culture drawn from the community.*

Annual Report of the Regents of the University of the State of New York

The Best 382 Colleges, 2018 Edition

Everything You Need to Make the Right College Choice

Princeton Review *******As seen on the TODAY SHOW!***** NO ONE KNOWS COLLEGES LIKE THE PRINCETON REVIEW!** *The Princeton Review's college rankings started in 1992 with surveys from 30,000 students. Over 25 years and more than a million student surveys later, we stand by our claim that there is no single "best" college, only the best college for you... and that this is the book that will*

help you find it! What Makes THE BEST 382 COLLEGES the Most Popular College Guide? STRAIGHT FROM STUDENTS TO YOU · 382 in-depth school profiles based on candid feedback from 137,000 students, covering academics, administration, campus life, and financial aid · Insights on unique college character, social scene, and more RANKING LISTS & RATINGS SCORES · Lists of the top 20 colleges in 62 categories based on students' opinions of academics, campus life, facilities, and much more · Ratings for every school on Financial Aid, Selectivity, and Quality of Life · Bonus list of the 200 "best-value" schools featured in Colleges That Pay You Back DETAILED ADMISSIONS INFORMATION · The "Inside Word" on competitive applications, test scores, tuition, and average indebtedness · Comprehensive information on selectivity, freshman profiles, and application deadlines at each school What the media is saying about The Princeton Review's Best Colleges guide: "The most efficient of the college guidebooks. Has entertaining profiles larded with quotes from students." -Rolling Stone "The offbeat indexes, along with the chattily written descriptions of each school, provide a colorful picture of each campus." -The New York Times "A great book.... It's a bargain." -CNN "Our favorite college guidebook." -Seventeen "Provides the kind of feedback students would get from other students in a campus visit." -USA Today

Annual Report of the Regents

No. 104-117 contain also the Regents bulletins.

The Mines Magazine

Includes list of the Alumni.

Radioisotopes in World Industry

Abstracts of Selected Foreign Literature

The Best 381 Colleges, 2017 Edition

Everything You Need to Make the Right College Choice

Princeton Review CELEBRATING 25 YEARS OF HELPING STUDENTS SELECT THE PERFECT COLLEGE! The Princeton Review started publishing *The Best Colleges* in 1992 with surveys from 30,000 students. A quarter-century and more than a million student surveys later, we stand by our claim that there is no single "best" college, only the best college for you... and that this is the book that will help you find it! What Makes THE BEST 381 COLLEGES the Most Popular College Guide? DIRECTLY FROM STUDENTS TO YOU · 381 in-depth school profiles based on candid feedback from 143,000 students, covering academics, administration, campus life, and financial aid · Insights on unique college character, social scene, and more RANKING LISTS & RATINGS SCORES · Lists of the top 20 colleges in 62 categories based on students' opinions of academics, campus life, facilities, and much more · Ratings for every school on Financial Aid, Selectivity, and Quality of Life · Bonus list of the 200 "best-value" schools featured in *Colleges That Pay You Back* DETAILED ADMISSIONS INFORMATION · The "Inside Word" on competitive applications, test scores, tuition, and average indebtedness · Comprehensive information on selectivity, freshman profiles, and application deadlines at each school What the media is saying about *The Best 381 Colleges* from The Princeton Review: "The most efficient of the college guidebooks. Has entertaining profiles larded with quotes from students." -Rolling Stone "The offbeat indexes, along with the chattily written descriptions of each school, provide a colorful picture of each campus." -The New York Times "A great book.... It's a bargain." -CNN "Our favorite college guidebook." -Seventeen "Provides the kind of feedback students would get from other students in a campus visit." -USA Today From the Trade Paperback edition.

Stem Cells and Regenerative Medicine

World Scientific The commercialization of biotechnology has resulted in an intensive search for new biological resources for the purposes of increasing food productivity, medicinal applications, energy production, and various other applications. Although biotechnology has produced many benefits for humanity, the exploitation of the planet's natural resources has also resulted in some undesirable consequences such as diminished species biodiversity, climate change, environmental contamination, and intellectual property right and patent concerns. This book discusses the role of biological, ecological, environmental, ethical, and economic issues in the interaction between biotechnology and biodiversity, using different contexts. No other book has discussed all of these issues in a comprehensive manner. Of special interest is their impact when biotechnology is shared between developed and developing countries, and the lack of recognition of the rights of indigenous populations and traditional farmers in developing countries by large

multinational corporations.

Water Quality Engineering

Physical / Chemical Treatment Processes

John Wiley & Sons Explains the fundamental theory and mathematics of water and wastewater treatment processes By carefully explaining both the underlying theory and the underlying mathematics, this text enables readers to fully grasp the fundamentals of physical and chemical treatment processes for water and wastewater. Throughout the book, the authors use detailed examples to illustrate real-world challenges and their solutions, including step-by-step mathematical calculations. Each chapter ends with a set of problems that enable readers to put their knowledge into practice by developing and analyzing complex processes for the removal of soluble and particulate materials in order to ensure the safety of our water supplies. Designed to give readers a deep understanding of how water treatment processes actually work, Water Quality Engineering explores: Application of mass balances in continuous flow systems, enabling readers to understand and predict changes in water quality Processes for removing soluble contaminants from water, including treatment of municipal and industrial wastes Processes for removing particulate materials from water Membrane processes to remove both soluble and particulate materials Following the discussion of mass balances in continuous flow systems in the first part of the book, the authors explain and analyze water treatment processes in subsequent chapters by setting forth the relevant mass balance for the process, reactor geometry, and flow pattern under consideration. With its many examples and problem sets, Water Quality Engineering is recommended as a textbook for graduate courses in physical and chemical treatment processes for water and wastewater. By drawing together the most recent research findings and industry practices, this text is also recommended for professional environmental engineers in search of a contemporary perspective on water and wastewater treatment processes.

Exploring Signature Pedagogies

Approaches to Teaching Disciplinary Habits of Mind

Stylus Publishing, LLC. How do individual disciplines foster deep learning, and get students to think like disciplinary experts? With contributions from the sciences, humanities, and the arts, this book critically explores how to best foster student learning within and across the disciplines.

The College Board Scholarship Handbook 2002

Offers a listing of scholarship, internship, and loan programs based on such categories as minority status, field of study, and religious affiliation.

Annual Report