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Understanding Student Learning (Routledge Revivals) - Noel Entwistle 2015-08-20

First published in 1983, *Understanding Student Learning* provides an in-depth analysis of students' learning methods in higher education, at the time. It examines the extent to which these learning methods reflected the teaching, assessment and individual personalities of the students involved. The book contains interviews with students, experiments and statistical analyses of survey data in order to identify successes and difficulties in student learning and the culmination of these techniques is a clearer insight into the process of student learning.

Bengali Language Handbook - Punya Sloka Ray 1966

Biomethanization of the Organic Fraction of Municipal Solid Wastes - J. Mata-Alvarez 2002-08-31

Biomethanization of the Organic Fraction of Municipal Solid Wastes is a comprehensive introduction to both the fundamentals and the more practical aspects of the anaerobic digestion of organic solid wastes, particularly those derived from households, that is, the organic fraction of municipal solid wastes (OFMSW). It can be used as a textbook for specialized courses and also as a guide for practitioners. In the first part, the book covers the relevant aspects of anaerobic digestion (AD) of organic wastes. The fundamentals and kinetic aspects of AD are reviewed with particular emphasis on the aspects related to solid wastes. This introduction is necessary to have a comprehensive view of the AD process and to understand the practical principles as well as the origin of possible problems arising from the management of the process. Chapter 2 emphasizes the role of kinetics in designing the reactor, paying special attention to existing models, particularly the dynamic ones. Through this introduction, it is intended to facilitate the technology transfer from laboratory or pilot plant experiences to full-scale process, in order to implement improvements in current digesters. Laboratory methods are described for the analysis and optimization of reactor performance, such as methanogenic activity tests or experimental evaluation of the biodegradation kinetics of solid organic waste. The different reaction patterns applied to industrial reactors are outlined. Industrial reactors are classified in accordance with the system they use, pointing out advantages and limitations. Co-digestion, enabling the co-treatment of organic wastes of different origin in a more economically feasible way, is described in detail. Examples of co-digestion are given, with OFMSW as a base-substrate. Finally, full-scale co-digestion plants are discussed. Various types (mechanical, biological, physico-chemical) of pre-treatment to increase the biodegradability, and thus the yields of the process, are reviewed in detail. The use of the fermentation products of anaerobic digesters for biological nutrient removal processes in wastewater treatment plants is described. This constitutes an example of integrated waste management, a field in which both economic and technical advances can be achieved. Balances are given to justify the approach, and a full-scale case study is presented. The important topic of economics and the ecological advantages of the process are emphasized. The use of compost, the integration with composting technology, and advantages over other technologies are detailed in the framework of an environmental impact assessment of biowaste treatment. Finally, the anaerobic digestion of MSW in landfills is reviewed in detail, with emphasis on landfill process enhancement and strategies for its application.

Excipient Development for Pharmaceutical, Biotechnology, and Drug Delivery Systems - Ashok Katdare 2006-07-28

To facilitate the development of novel drug delivery systems and biotechnology-oriented drugs, the need for new excipients to be developed and approved continues to increase. *Excipient Development for Pharmaceutical, Biotechnology, and Drug Delivery Systems* serves as a comprehensive source to improve understanding of excipients and

forge new avenue

Technical Program, Conference Record - 1997

United States General Imports from the Latin American Republics Excluding Strategic, Military and Critical Materials - United States Bureau of the Census 1954

Mini-micro Systems - 1987

Dictionary Catalog of the Departmental Library. First Supplement - United States. Department of the Interior. Library 1969

Elementary Statistics - Mario F. Triola 1998-01-01

R/E - 1987-09

Evolutionary Computing and Mobile Sustainable Networks - V. Suma 2020-07-31

This book features selected research papers presented at the International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2020), held at the Sir M. Visvesvaraya Institute of Technology on 20–21 February 2020. Discussing advances in evolutionary computing technologies, including swarm intelligence algorithms and other evolutionary algorithm paradigms which are emerging as widely accepted descriptors for mobile sustainable networks virtualization, optimization and automation, this book is a valuable resource for researchers in the field of evolutionary computing and mobile sustainable networks.

Abstracts of Papers Presented to the American Mathematical Society - American Mathematical Society 1996

Activist Scholar - Marilyn Gittell 2011-03-18

Activist Scholar: Selected Works of Marilyn Gittell features seminal writings by Marilyn Gittell, a preface by Sara Miller McCune (Founder and Executive Chairman, SAGE Publications), a general introduction by Ross Gittell and Kathe Newman, and part introductions by Ross Gittell, Kathe Newman, Maurice Berube, and Nancy Naples. The part introductions highlight the key areas of research Marilyn Gittell championed and provide insightful context for the articles that follow. In addition to exploring Marilyn Gittell's groundbreaking research, this book serves as a bridge to current and future community-based urban research that advances citizen participation and empowerment. Marilyn Gittell was a renowned scholar and social activist. A graduate of Brooklyn College (BA) and New York University (PhD), she held her first faculty appointment at Queens College (1960–1973) before serving as Associate Provost (1973–1978) at Brooklyn College. She then joined the faculty of the City University of New York's Graduate Center (1978–2010) as Professor of Political Science. She helped launch and was the founding editor of *Urban Affairs Quarterly*, the leading academic journal in the field of urban research. *Activist Scholar* highlights Professor Gittell's writings on community organizations, citizen participation, urban politics, the politics of education, and gender. She specialized in applied and comparative research on local, regional, national, and international policies and politics, and placed a high priority on training researchers and scholars. Marilyn Gittell was a mentor to hundreds of students in the City University of New York system, and her legacy of activism continues as her students, now on the faculties of universities across the nation, engage in important work globally.

The Economics of Growth - Philippe Aghion 2008-12-19

A comprehensive, rigorous, and up-to-date introduction to growth economics that presents all the major growth paradigms and shows how

they can be used to analyze the growth process and growth policy design. This comprehensive introduction to economic growth presents the main facts and puzzles about growth, proposes simple methods and models needed to explain these facts, acquaints the reader with the most recent theoretical and empirical developments, and provides tools with which to analyze policy design. The treatment of growth theory is fully accessible to students with a background no more advanced than elementary calculus and probability theory; the reader need not master all the subtleties of dynamic programming and stochastic processes to learn what is essential about such issues as cross-country convergence, the effects of financial development on growth, and the consequences of globalization. The book, which grew out of courses taught by the authors at Harvard and Brown universities, can be used both by advanced undergraduate and graduate students, and as a reference for professional economists in government or international financial organizations. The Economics of Growth first presents the main growth paradigms: the neoclassical model, the AK model, Romer's product variety model, and the Schumpeterian model. The text then builds on the main paradigms to shed light on the dynamic process of growth and development, discussing such topics as club convergence, directed technical change, the transition from Malthusian stagnation to sustained growth, general purpose technologies, and the recent debate over institutions versus human capital as the primary factor in cross-country income differences. Finally, the book focuses on growth policies—analyzing the effects of liberalizing market competition and entry, education policy, trade liberalization, environmental and resource constraints, and stabilization policy—and the methodology of growth policy design. All chapters include literature reviews and problem sets. An appendix covers basic concepts of econometrics.

10-K Transcript - 1974

Who Owns the World's Media? - Eli M. Noam 2016

This publication moves beyond the rhetoric of free media and free markets to provide a dispassionate and data-driven analysis of global media ownership trends and their drivers. Based on an extensive data collection effort from scholars around the world, it covers 13 media industries, including television, newspapers, book publishing, film, search engines, ISPs, and wireless telecommunication, across a 10-25 year period in 30 countries.

An Introduction to Applied Multivariate Analysis with R - Brian Everitt 2011-04-23

The majority of data sets collected by researchers in all disciplines are multivariate, meaning that several measurements, observations, or recordings are taken on each of the units in the data set. These units might be human subjects, archaeological artifacts, countries, or a vast variety of other things. In a few cases, it may be sensible to isolate each variable and study it separately, but in most instances all the variables need to be examined simultaneously in order to fully grasp the structure and key features of the data. For this purpose, one or another method of multivariate analysis might be helpful, and it is with such methods that this book is largely concerned. Multivariate analysis includes methods both for describing and exploring such data and for making formal inferences about them. The aim of all the techniques is, in general sense, to display or extract the signal in the data in the presence of noise and to find out what the data show us in the midst of their apparent chaos. An Introduction to Applied Multivariate Analysis with R explores the correct application of these methods so as to extract as much information as possible from the data at hand, particularly as some type of graphical representation, via the R software. Throughout the book, the authors give many examples of R code used to apply the multivariate techniques to multivariate data.

Combinatorics of Coxeter Groups - Anders Bjorner 2006-02-25

Includes a rich variety of exercises to accompany the exposition of Coxeter groups. Coxeter groups have already been explicated from algebraic and geometric perspectives, but this book will be presenting the combinatorial aspects of Coxeter groups.

Peptidomics - Mikhail Soloviev 2007-12-21

The definitive guide to peptidomics- a hands-on lab reference. The first truly comprehensive book about peptidomics for protein and peptide analysis, this reference provides a detailed description of the hows and whys of peptidomics and how the techniques have evolved. With chapters contributed by leading experts, it covers naturally occurring peptides, peptidomics methods and new developments, and the peptidomics approach to biomarker discovery. Explaining both the principles and the applications, Peptidomics: Methods and Applications: * Features

examples of applications in diverse fields, including pharmaceutical science, toxicity biomarkers, and neuroscience * Details the successful peptidomic analyses of biological material ranging from plants to mammals * Describes a cross section of analytical techniques, including traditional methodologies, emerging trends, and new techniques for high throughput approaches. An enlightening reference for experienced professionals, this book is sufficiently detailed to serve as a step-by-step guide for beginning researchers and an excellent resource for students taking biotechnology and proteomics courses. It is an invaluable reference for protein chemists and biochemists, professionals and researchers in drug and biopharmaceutical development, analytical and bioanalytical chemists, toxicologists, and others.

Biomolecular EPR Spectroscopy - Wilfred Raymond Hagen 2008-12-22

Comprehensive, Up-to-Date Coverage of Spectroscopy Theory and its Applications to Biological Systems. Although a multitude of books have been published about spectroscopy, most of them only occasionally refer to biological systems and the specific problems of biomolecular EPR (bioEPR). Biomolecular EPR Spectroscopy provides a practical introduction to bioEPR and demonstrates how this remarkable tool allows researchers to delve into the structural, functional, and analytical analysis of paramagnetic molecules found in the biochemistry of all species on the planet. A Must-Have Reference in an Intrinsically Multidisciplinary Field. This authoritative reference seamlessly covers all important bioEPR applications, including low-spin and high-spin metalloproteins, spin traps and spin labels, interaction between active sites, and redox systems. It is loaded with practical tricks as well as do's and don'ts that are based on the author's 30 years of experience in the field. The book also comes with an unprecedented set of supporting software designed with simple graphical user interfaces that allow readers to tackle problems they will likely encounter when engaged in spectral analysis. Breaking with convention, the book broaches quantum mechanics from the perspective of biological relevance, emphasizing low-symmetry systems. This is a necessary approach since paramagnets in biomolecules typically have no symmetry. Where key topics related to quantum mechanics are addressed, the book offers a rigorous treatment in a style that is quick-to-grasp for the non expert. Biomolecular EPR Spectroscopy is a practical, all-inclusive reference sure to become the industry standard.

Sociological Abstracts - Leo P. Chall 2002

CSA Sociological Abstracts abstracts and indexes the international literature in sociology and related disciplines in the social and behavioral sciences. The database provides abstracts of journal articles and citations to book reviews drawn from over 1,800+ serials publications, and also provides abstracts of books, book chapters, dissertations, and conference papers.

American Book Publishing Record Cumulative, 1950-1977 - R.R. Bowker Company. Department of Bibliography 1978

Safety Science Abstracts - 1977

United States Imports of Merchandise for Consumption - 1954

Red Hat Certified System Administrator and Engineer (RHCSA / RHCE) RHEL 6 - Asghar Ghori 2012-12-03

Based on Red Hat Enterprise Linux 6 (RHEL 6), this guide covers all official exam objectives and includes more than 100 exercises, more than 550 exam review questions, more than 70 practice labs, and two sample exams.

The Class-book of Etymology - James Lynd 1847

Exploring Symbols - Gail Burrill 1998

Under-Rewarded Efforts - Santiago Levy Algazi 2018-07-11

Why has an economy that has done so many things right failed to grow fast? Under-Rewarded Efforts traces Mexico's disappointing growth to flawed microeconomic policies that have suppressed productivity growth and nullified the expected benefits of the country's reform efforts. Fast growth will not occur doing more of the same or focusing on issues that may be key bottlenecks to productivity growth elsewhere, but not in Mexico. It will only result from inclusive institutions that effectively protect workers against risks, redistribute towards those in need, and simultaneously align entrepreneurs' and workers' incentives to raise productivity.

F & S Index Europe - 1978

The Athenaeum - 1867

A Nationwide Framework for Surveillance of Cardiovascular and Chronic Lung Diseases - Institute of Medicine 2011-08-26

Chronic diseases are common and costly, yet they are also among the most preventable health problems. Comprehensive and accurate disease surveillance systems are needed to implement successful efforts which will reduce the burden of chronic diseases on the U.S. population. A number of sources of surveillance data--including population surveys, cohort studies, disease registries, administrative health data, and vital statistics--contribute critical information about chronic disease. But no central surveillance system provides the information needed to analyze how chronic disease impacts the U.S. population, to identify public health priorities, or to track the progress of preventive efforts. A Nationwide Framework for Surveillance of Cardiovascular and Chronic Lung Diseases outlines a conceptual framework for building a national chronic disease surveillance system focused primarily on cardiovascular and chronic lung diseases. This system should be capable of providing data on disparities in incidence and prevalence of the diseases by race, ethnicity, socioeconomic status, and geographic region, along with data on disease risk factors, clinical care delivery, and functional health outcomes. This coordinated surveillance system is needed to integrate and expand existing information across the multiple levels of decision making in order to generate actionable, timely knowledge for a range of stakeholders at the local, state or regional, and national levels. The recommendations presented in A Nationwide Framework for Surveillance of Cardiovascular and Chronic Lung Diseases focus on data collection, resource allocation, monitoring activities, and implementation. The report also recommends that systems evolve along with new knowledge about emerging risk factors, advancing technologies, and new understanding of the basis for disease. This report will inform decision-making among federal health agencies, especially the Department of Health and Human Services; public health and clinical practitioners; non-governmental organizations; and policy makers, among others.

Global Infectious Disease Surveillance and Detection - Institute of Medicine 2007-11-11

Early detection is essential to the control of emerging, reemerging, and novel infectious diseases, whether naturally occurring or intentionally introduced. Containing the spread of such diseases in a profoundly interconnected world requires active vigilance for signs of an outbreak, rapid recognition of its presence, and diagnosis of its microbial cause, in addition to strategies and resources for an appropriate and efficient response. Although these actions are often viewed in terms of human public health, they also challenge the plant and animal health communities. Surveillance, defined as "the continual scrutiny of all aspects of occurrence and spread of a disease that are pertinent to effective control", involves the "systematic collection, analysis, interpretation, and dissemination of health data." Disease detection and diagnosis is the act of discovering a novel, emerging, or reemerging disease or disease event and identifying its cause. Diagnosis is "the cornerstone of effective disease control and prevention efforts, including surveillance." Disease surveillance and detection relies heavily on the astute individual: the clinician, veterinarian, plant pathologist, farmer, livestock manager, or agricultural extension agent who notices something unusual, atypical, or suspicious and brings this discovery in a timely way to the attention of an appropriate representative of human public health, veterinary medicine, or agriculture. Most developed countries have the ability to detect and diagnose human, animal, and plant diseases. Global Infectious Disease Surveillance and Detection: Assessing the Challenges-Finding Solutions, Workshop Summary is part of a 10 book series and summarizes the recommendations and presentations of the workshop.

Readers' Guide to Periodical Literature - Bertha Tannehill 1904

An author subject index to selected general interest periodicals of

reference value in libraries.

Congressional Record - United States. Congress 1957

Software-Defined Radio for Engineers - Alexander M. Wyglinski 2018-04-30

Based on the popular Artech House classic, Digital Communication Systems Engineering with Software-Defined Radio, this book provides a practical approach to quickly learning the software-defined radio (SDR) concepts needed for work in the field. This up-to-date volume guides readers on how to quickly prototype wireless designs using SDR for real-world testing and experimentation. This book explores advanced wireless communication techniques such as OFDM, LTE, WLA, and hardware targeting. Readers will gain an understanding of the core concepts behind wireless hardware, such as the radio frequency front-end, analog-to-digital and digital-to-analog converters, as well as various processing technologies. Moreover, this volume includes chapters on timing estimation, matched filtering, frame synchronization message decoding, and source coding. The orthogonal frequency division multiplexing is explained and details about HDL code generation and deployment are provided. The book concludes with coverage of the WLAN toolbox with OFDM beacon reception and the LTE toolbox with downlink reception. Multiple case studies are provided throughout the book. Both MATLAB and Simulink source code are included to assist readers with their projects in the field.

Subject Index of Modern Books Acquired - British Library 1961

Algorithms for Scheduling Problems - Frank Werner 2018-08-24

This book is a printed edition of the Special Issue "Algorithms for Scheduling Problems" that was published in Algorithms

The Elements of Mathematical Logic - Paul C. Rosenbloom 1950

"This book is intended for readers who, while mature mathematically, have no knowledge of mathematical logic. We attempt to introduce the reader to the most important approaches to the subject, and, wherever possible within the limitations of space which we have set for ourselves, to give at least a few nontrivial results illustrating each of the important methods for attacking logical problems"--Preface.

The Data Science Design Manual - Steven S. Skiena 2017-07-01

This engaging and clearly written textbook/reference provides a must-have introduction to the rapidly emerging interdisciplinary field of data science. It focuses on the principles fundamental to becoming a good data scientist and the key skills needed to build systems for collecting, analyzing, and interpreting data. The Data Science Design Manual is a source of practical insights that highlights what really matters in analyzing data, and provides an intuitive understanding of how these core concepts can be used. The book does not emphasize any particular programming language or suite of data-analysis tools, focusing instead on high-level discussion of important design principles. This easy-to-read text ideally serves the needs of undergraduate and early graduate students embarking on an "Introduction to Data Science" course. It reveals how this discipline sits at the intersection of statistics, computer science, and machine learning, with a distinct heft and character of its own. Practitioners in these and related fields will find this book perfect for self-study as well. Additional learning tools: Contains "War Stories," offering perspectives on how data science applies in the real world Includes "Homework Problems," providing a wide range of exercises and projects for self-study Provides a complete set of lecture slides and online video lectures at www.data-manual.com Provides "Take-Home Lessons," emphasizing the big-picture concepts to learn from each chapter Recommends exciting "Kaggle Challenges" from the online platform Kaggle Highlights "False Starts," revealing the subtle reasons why certain approaches fail Offers examples taken from the data science television show "The Quant Shop" (www.quant-shop.com)

Identification and System Parameter Estimation, 1985 - H. A. Barker 1985