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Resources in Education 1998-05
DUNE — The Distributed and Unified

Numerics Environment Oliver Sander 2020-12-07 The Distributed and Unified Numerics Environment (Dune) is a set of

open-source C++ libraries for the implementation of finite element and finite volume methods. Over the last 15 years it has become one of the most commonly used libraries for the implementation of new, efficient simulation methods in science and engineering. Describing the main Dune libraries in detail, this book covers access to core features like grids, shape functions, and linear algebra, but also higher-level topics like function space bases and assemblers. It includes extensive information on programmer interfaces, together with a wealth of completed examples that illustrate how these interfaces are used in practice. After having read the book, readers will be prepared to write their own advanced finite element simulators, tapping the power of Dune to do so.

Theory of Nuclear Fission Hans J. Krappe 2012-02-04 This book brings together various aspects of the nuclear fission phenomenon discovered by Hahn, Strassmann and Meitner almost 70 years ago. Beginning with an historical introduction the authors present various models to describe the fission process of hot nuclei as well as the spontaneous fission of cold nuclei and their isomers. The role of transport coefficients, like inertia and friction in fission dynamics is discussed. The effect of the nuclear shell structure on the fission probability and the mass and kinetic energy distributions of the fission fragments is presented. The fusion-fission process leading to the synthesis of new isotopes including super-heavy elements is described. The book will thus be useful for theoretical and experimental physicists, as well as for graduate and PhD students.

Tietz Clinical Guide to Laboratory Tests - E-Book Alan H. B. Wu 2006-06-08 This new edition of Norbert Tietz's classic handbook

presents information on common tests as well as rare and highly specialized tests and procedures - including a summary of the utility and merit of each test. Biological variables that may affect test results are discussed, and a focus is placed on reference ranges, diagnostic information, clinical interpretation of laboratory data, interferences, and specimen types. New and updated content has been added in all areas, with over 100 new tests added. Tests are divided into 8 main sections and arranged alphabetically. Each test includes necessary information such as test name (or disorder) and method, specimens and special requirements, reference ranges, chemical interferences and in vivo effects, kinetic values, diagnostic information, factors influencing drug disposition, and clinical comments and remarks. The most current and relevant tests are included; outdated tests have been eliminated. Test index (with extensive cross references) and disease index provide the reader with an easy way to find necessary information Four new sections in key areas (Preanalytical, Flow Cytometry, Pharmacogenomics, and Allergy) make this edition current and useful. New editor Alan Wu, who specializes in Clinical Chemistry and Toxicology, brings a wealth of experience and expertise to this edition. The Molecular Diagnostics section has been greatly expanded due to the increased prevalence of new molecular techniques being used in laboratories. References are now found after each test, rather than at the end of each section, for easier access.

Technology Integration for Meaningful Classroom Use: A Standards-Based Approach Katherine Cennamo 2013-01-01 Updated and streamlined for easier use, TECHNOLOGY INTEGRATION FOR MEANINGFUL CLASSROOM USE: A

STANDARDS-BASED APPROACH, Second Edition, equips readers with the knowledge, creative and critical thinking skills, and confidence needed to become self-directed learners who can successfully navigate the constantly changing environment of technology integration in the classroom. Using the principles of self-directed learning as its foundation, the book aims to help readers learn to evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning. The first educational technology book organized around the 2008 National Educational Technology Standards for Teachers (NETS-T) developed by the International Society for Technology in Education (ISTE), this standards-based approach provides the framework for developing, modeling, and teaching the skills and knowledge necessary for integrating technology in authentic teaching and learning. An end-of-book supplement provides examples of technology integration in practice within specific content areas, guided by the national standards that apply to each content domain. Available with InfoTrac Student Collections http://gocengage.com/infotrac. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.
English Journal 2001
Textbook of Adult Emergency Medicine E-Book Peter Cameron 2014-04-01 Now fully revised and updated, Textbook of Adult Emergency Medicine provides clear and consistent coverage of this rapidly evolving specialty. Building on the success of previous editions, it covers all the major topics that present to the trainee doctor in the emergency department. It will also prove invaluable to the range of other

professionals working in this setting - including nurse specialists and paramedics - who require concise, highly practical guidance, incorporating latest best practices and current guidelines. For the first time, this edition now comes with access to addtional ancillary meterial, including practical procdure videos and self-assessment material. Updates throughout reflect latest practice developments, curricula requirements and essential guidelines Key point boxes highlight topic 'essentials' as well as controversial areas of treatment An expanded list of leading international contributors ensures comprehensive coverage and maximizes worldwide relevance New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillariy material, including procedure videos and self-assessment materials to check your understanding and aid exam preparation Expansion of administration section - especially patient safety New and enhanced coverage of important and topical areas - including latest imaging in emergency medicine; organ donation; massive transfusion protocols; medico legal issues; patient safety and quality measures All new accompanying electronic ancillary materials - including practical procedures videos and self-assessment materials

Recent Advances in Surgery 40 Michael Douek 2021-09-30 Recent Advances in Surgery 40 is the latest volume in the recognised series reviewing current topics in general surgery and its major subspecialties. Divided into eight sections, the book begins with topics of general interest to surgeons, and surgical training.

The following sections cover subspecialty surgeries including transplant, vascular, head and neck, breast, and abdominal. The final section reviews recent clinical trials.
Medical Devices and Systems Joseph D. Bronzino 2006-04-19 Over the last century, medicine has come out of the "black bag" and emerged as one of the most dynamic and advanced fields of development in science and technology. Today, biomedical engineering plays a critical role in patient diagnosis, care, and rehabilitation. More than ever, biomedical engineers face the challenge of making sure that medical d
Homeschooling For Dummies Jennifer Kaufeld 2020-08-06 Select the right curriculum Create the perfect homeschooling space Design a schedule that works for you What you should know to become a homeschooling pro! Interest in homeschooling was booming even before the coronavirus pandemic inspired many parents to consider the homeschooling choice as an alternative to in-person classroom learning. Fully updated with new resources and technologies, this guide is just what you need to help you decide whether homeschooling is right for your family. Learn about the rewards and challenges presented by homeschooling, how to ensure that your children receive a well-rounded education, where to find tools that help you develop appropriate curricula, and how to connect with the homeschooling community. Inside... Creating a curriculum Meeting state and federal guidelines How to encourage socialization Using online courses Tips for keeping life in balance Creating or joining a homeschooling community Caring for special needs
Teaching Art History with New Technologies Kelly Donahue-Wallace 2009-05-05 Digital images, Internet resources, presentation and social software, interactive animation,

and other new technologies offer a host of new possibilities for art history instruction. Teaching Art History with New Technologies: Reflections and Case Studies assists faculty in negotiating the digital teaching terrain. The text documents the history of computer-mediated art history instruction in the last decade and provides an analysis of the increasing number of tools now at the disposal of art historians. It presents a series of reflections and case-studies by early adopters who have not just replaced older materials with new, but who have advanced the discipline's pedagogy in doing so. The essays illustrate how new technologies are changing the way art history is taught, summarize lessons learned, and identify challenges that remain. Given the transitional state of the field, with faculty ranging from the computer-phobic to the computer-savvy, these case studies represent a broad spectrum, from those that focus on the thoughtful integration of new technologies into traditional teaching to others that look beyond the familiar art history lecture or seminar format. They provide both practical suggestions and theoretical models for historians of art and visual culture interested in what computer-mediated applications have been successful in art history teaching and where such new approaches may be leading us.

Behaving Kenneth F. Schaffner 2016-05-02 Behaving presents an overview of the recent history and methodology of behavioral genetics and psychiatric genetics, informed by a philosophical perspective. Kenneth F. Schaffner addresses a wide range of issues, including genetic reductionism and determinism, "free will," and quantitative and molecular genetics. The latter covers newer genome-wide association studies (GWAS) that have produced a paradigm shift in the subject, and generated the

problem of "missing heritability." Schaffner also presents cases involving pro and con arguments for genetic testing for IQ and for Attention Deficit Hyperactivity Disorder (ADHD). Schaffner examines the nature-nurture controversy and Developmental Systems Theory using C. elegans or "worm" studies as a test case, concluding that genes are special and provide powerful tools, including "deep homology," for investigating behavior. He offers a novel account of biological knowledge emphasizing the importance of models, mechanisms, pathways, and networks, which clarifies how partial reductions provide explanations of traits and disorders. The book also includes examinations of personality genetics and of schizophrenia and its etiology, alongside interviews with prominent researchers in the area, and discusses debates about psychosis that led to changes in the DSM-5 in 2013. Schaffner concludes by discussing additional philosophical implications of the genetic analyses in the book, some major worries about "free will," and arguments pro and con about why genes and DNA are so special. Though genes are special, newer perspectives presented in this book will be needed for progress in behavioral genetics-perspectives that situate genes in complex multilevel prototypic pathways and networks. With a mix of optimism and pessimism about the state of the field and the subject, Schaffner's book will be of interest to scholars in the history and philosophy of science, medicine, and psychiatry.

Technological and Social Environments for Interactive Learning Jelena Jovanović 2014-11-03 Technology Enhanced Learning (TEL) is a very broad and increasingly mature research field. It encompasses a wide variety of research topics, ranging

from the study of different pedagogical approaches and teaching/learning strategies and techniques, to the application of advanced technologies in educational settings such as the use of different kinds of mobile devices, sensors and sensor networks to provide the technical foundation for context-aware, ubiquitous learning. The TEL community has also been exploring the use of artificial intelligence tools and techniques for the development of intelligent learning environments capable of adapting to learners' needs and preferences and providing learners with personalized learning experience. Recognizing the potential of online social networks, social media, and web-based social software tools as learning platforms for online education, the TEL community has devoted significant time and effort into researching how these popular technologies could be combined with appropriate pedagogical approaches to make learning experience more engaging, satisfying, and successful. Among the most important results of these research endeavors are personal learning environments that allow learners to create mash-ups of diverse social software tools based on their own needs and preferences as well as to create and maintain their online learning networks. Undeniably, technological advancement is making education more accessible to an increasing number of people worldwide. To fully exploit the huge benefit the technology is offering, the TEL community is exploring effective approaches for adapting learning resources to address language, generation, and cultural specificities. Aiming to make learning accessible to all, the community has also focused on the development of solutions for learners with special needs. Finally, it should be noted that all the above mentioned research efforts of the TEL

community are finding their applications in different learning contexts and domains, including formal education and informal learning, as well as workplace learning in small, medium, and large organizations. Since the scope of TEL research is constantly evolving, the above given overview of the current research efforts does not aim to be exhaustive by any means. Instead, its purpose is to give some insights into the breadth of research topics and challenges that this edited book aims to cover. The book comprises 14 chapters, which are topically organized into several sections. However, this division of chapters into sections is not strictly definitive as each of the chapters itself presents a comprehensive research work that often spans across diverse TEL areas and thus could be categorized into more than one section of the book.

Finite Elements I Alexandre Ern 2021-03-22 This book is the first volume of a three-part textbook suitable for graduate coursework, professional engineering and academic research. It is also appropriate for graduate flipped classes. Each volume is divided into short chapters. Each chapter can be covered in one teaching unit and includes exercises as well as solutions available from a dedicated website. The salient ideas can be addressed during lecture, with the rest of the content assigned as reading material. To engage the reader, the text combines examples, basic ideas, rigorous proofs, and pointers to the literature to enhance scientific literacy. Volume I is divided into 23 chapters plus two appendices on Banach and Hilbert spaces and on differential calculus. This volume focuses on the fundamental ideas regarding the construction of finite elements and their approximation properties. It addresses the all-purpose Lagrange finite

elements, but also vector-valued finite elements that are crucial to approximate the divergence and the curl operators. In addition, it also presents and analyzes quasi-interpolation operators and local commuting projections. The volume starts with four chapters on functional analysis, which are packed with examples and counterexamples to familiarize the reader with the basic facts on Lebesgue integration and weak derivatives. Volume I also reviews important implementation aspects when either developing or using a finite element toolbox, including the orientation of meshes and the enumeration of the degrees of freedom.

Creating a Winning Online Exhibition
Martin R. Kalfatovic 2002 Table of Contents; Illustrations;Foreword by S. Diane Shaw;Acknowledgments;Introduction;1 Online Exhibitions versus Digital Collections; 2 The Idea; 3 Executing the Exhibition Idea; 4 The Staff; 5 Technical Issues: Digitizing; 6 Technical Issues: Markup Languages; 7 Technical Issues: Programming, Scripting, Databases, and Accessibility; 8 Design; 9 Online Exhibitions: Case Studies and Awards; 10 Conclusion: Online with the Show!; Appendixes;A Sample Online Exhibition Proposal; B Sample Exhibition Script; C Guidelines for Reproducing Works from Exhibition Websites; D Suggested Database Structure for Online Exhibitions; E Timeline for Contracted Online Exhibitions; F Dublin Core Metadata of an Online Exhibition; G The Katharine Kyes Leab and Daniel J. Leab American Book Prices Current Exhibition Awards; H Bibliography of Exhibitions (Gallery and Virtual);
Teaching Online Susan Ko 2017-02-24 Teaching Online: A Practical Guide is an accessible, introductory, and comprehensive guide for anyone who teaches online. The fourth edition of this bestselling resource

has been fully revised, maintains its reader-friendly tone, and offers exceptional practical advice, new teaching examples, faculty interviews, and an updated resource section. New to this edition: entire new chapter on MOOCs (massive open online courses); expanded information on teaching with mobile devices, using open educational resources, and learning analytics; additional interviews with faculty, case studies, and examples; spotlight on new tools and categories of tools, especially multimedia. Focusing on the "hows" and "whys" of implementation rather than theory, the fourth edition of Teaching Online is a must-have resource for anyone teaching online or thinking about teaching online.
Writer's Market 2019 Robert Lee Brewer 2018-08-22 Want to get published and paid for your writing? Let Writer's Market 2019 guide you through the process with thousands of publishing opportunities for writers, including listings for book publishers, consumer and trade magazines, contests and awards, and literary agents--as well as new playwriting and screenwriting sections. These listings feature contact and submission information to help writers get their work published. Beyond the listings, you'll find all-new material devoted to the business and promotion of writing. Discover the secrets to ten-minute marketing, how to make money covering live events, and seven steps to doubling your writing income. Plus, you'll learn how to do video effectively, create a business plan for success, and so much more. This edition includes the ever-popular pay-rate chart and book publisher subject index! You also gain access to: • Lists of professional writing organizations • Sample query letters
Handbook of Research on Virtual Training and Mentoring of Online Instructors Keengwe, Jared 2018-07-06 To

meet the dynamic academic demands of twenty-first century digital learners, many institutions of higher learning are offering more online classes than ever before that are accessible to both traditional and non-traditional learners. As such, a growing demand for online courses implies that participating institutions provide faculty with appropriate professional development programs to ensure the design and delivery of quality online courses. The Handbook of Research on Virtual Training and Mentoring of Online Instructors is a critical scholarly resource that highlights the issues, challenges, and online engagement experiences to enhance effective teaching and learning in this learning environment. Featuring coverage on a broad range of topics such as media literacy, professional development, and virtual learning environments, this book is geared towards educational administrators, educators, and instructional designers interested in quality online instruction.

The Collection Program in Schools: Concepts and Practices, 7th Edition Marcia A. Mardis 2021-07-31 This thorough treatment of collection development for school library educators, students, and practicing school librarians provides quick access to information. This seventh edition of The Collection Program in Schools is updated in several key areas. It provides an overview of key education trends affecting school library collections, such as digital textbooks, instructional improvement systems, STEM priorities, and open educational resources (OER) use and reuse. Topics of discussion include the new AASL standards as they relate to the collection; the idea of crowdsourcing in collection development; and current trends in the school library profession, such as Future Ready Librarians and new standards from the National Board

for Professional Teaching Standards. Each chapter has been updated and revised with new material, and particular emphasis is placed on disaster preparedness and response as they pertain to policies, circulation, preservation, and moving or closing a collection. This edition also includes updates to review of curation and community analysis principles as they affect the development of the library collection. Serves as a complete guide to collection management for students as well as practitioners Addresses current educational initiatives and new AASL standards Provides creative strategies for working in a climate of change and uncertainty Looks in depth at disaster recovery policies and procedures needed for collection

Using the Engineering Literature, Second Edition Bonnie A. Osif 2016-04-19 With the encroachment of the Internet into nearly all aspects of work and life, it seems as though information is everywhere. However, there is information and then there is correct, appropriate, and timely information. While we might love being able to turn to Wikipedia® for encyclopedia-like information or search Google® for the thousands of links on a topic, engineers need the best information, information that is evaluated, up-to-date, and complete. Accurate, vetted information is necessary when building new skyscrapers or developing new prosthetics for returning military veterans While the award-winning first edition of Using the Engineering Literature used a roadmap analogy, we now need a three-dimensional analysis reflecting the complex and dynamic nature of research in the information age. Using the Engineering Literature, Second Edition provides a guide to the wide range of resources available in all fields of engineering. This second edition has been

thoroughly revised and features new sections on nanotechnology as well as green engineering. The information age has greatly impacted the way engineers find information. Engineers have an effect, directly and indirectly, on almost all aspects of our lives, and it is vital that they find the right information at the right time to create better products and processes. Comprehensive and up to date, with expert chapter authors, this book fills a gap in the literature, providing critical information in a user-friendly format.

Electronic Participation Ann Macintosh 2009-08-24 This book constitutes the refereed proceedings of the First International Conference on eParticipation, ePart 2009 held in Linz, Austria in August/September 2009. The 16 revised full papers were carefully reviewed and selected from numerous submissions. The papers consider future multi-disciplinary research direction, examine the potential contribution of social networking sites to political engagement, provide evaluation frameworks for both eParticipation policy and specific projects, and those that describe emerging tools and techniques with which to conduct and analyse eParticipation.

Learning Online Barbara Means 2014-04-03 At a time when more and more of what people learn both in formal courses and in everyday life is mediated by technology, Learning Online provides a much-needed guide to different forms and applications of online learning. This book describes how online learning is being used in both K-12 and higher education settings as well as in learning outside of school. Particular online learning technologies, such as MOOCs (massive open online courses), multi-player games, learning analytics, and adaptive online practice environments, are

described in terms of design principles, implementation, and contexts of use. Learning Online synthesizes research findings on the effectiveness of different types of online learning, but a major message of the book is that student outcomes arise from the joint influence of implementation, context, and learner characteristics interacting with technology--not from technology alone. The book describes available research about how best to implement different forms of online learning for specific kinds of students, subject areas, and contexts. Building on available evidence regarding practices that make online and blended learning more effective in different contexts, Learning Online draws implications for institutional and state policies that would promote judicious uses of online learning and effective implementation models. This in-depth research work concludes with a call for an online learning implementation research agenda, combining education institutions and research partners in a collaborative effort to generate and share evidence on effective practices.

Clinical Signs in Humans and Animals Associated with Minerals, Trace Elements and Rare Earth Elements Mike Davies 2021-10-29 Clinical Signs in Humans and Animals Associated with Minerals, Trace Elements and Rare Earth Elements is the first book to compile the clinical signs associated with deficiencies, toxicities, imbalances, exposures to minerals, trace elements and rare earth elements in animals. This book aims to increase awareness to improve diagnosis and to encourage further investigation based on comparative data. Written by an experienced veterinary clinician having worked in private practice, academia, pharmaceutical and pet food industries, this

book includes data on companion animals, horses, rabbits, reptiles, ruminants, poultry, fish, and species typical in zoo populations. In addition, the book touches upon human and other primate data. The subject material is divided into three sections to provide easy access to information on clinical signs, specific elements, or species. This is an ideal resource for veterinary researchers, clinicians and practitioners, specifically those working with animal nutrition and animal feed health. Academics and public health scientists will also benefit from this book's information and data on rehabilitating and maintaining animal health. Includes data for a wide range of animal specimens, such as mammal and poultry species Provides concise and accessible summary tables of clinical signs and the species in which they are seen Offers relevant references and other useful information, such as management strategies

Innovative Learning Environments in STEM Higher Education Jungwoo Ryoo 2021-03-11 As explored in this open access book, higher education in STEM fields is influenced by many factors, including education research, government and school policies, financial considerations, technology limitations, and acceptance of innovations by faculty and students. In 2018, Drs. Ryoo and Winkelmann explored the opportunities, challenges, and future research initiatives of innovative learning environments (ILEs) in higher education STEM disciplines in their pioneering project: eXploring the Future of Innovative Learning Environments (X-FILEs). Workshop participants evaluated four main ILE categories: personalized and adaptive learning, multimodal learning formats, cross/extended reality (XR), and artificial intelligence (AI) and machine learning (ML). This open access book gathers the perspectives expressed during the X-FILEs

workshop and its follow-up activities. It is designed to help inform education policy makers, researchers, developers, and practitioners about the adoption and implementation of ILEs in higher education.

Artificial Immune Systems: A New Computational Intelligence Approach Leandro Nunes de Castro 2002-09-23 Recently there has been a growing interest in the use of the biological immune system as a source of inspiration for solving complicated computational problems. The immune system involves many information-processing abilities including pattern recognition, learning, memory and inherent distributed parallel processing and for these, and other reasons, it has received a significant amount of interest as a metaphor within computing. This emerging field is known as Artificial Immune Systems (AIS), and applications of AIS include, machine learning, fault diagnosis, computer security, scheduling, virus detection and optimisation.

Examining Information Retrieval and Image Processing Paradigms in Multidisciplinary Contexts Lu, Joan 2017-02-10 Across numerous industries in modern society, there is a constant need to gather precise and relevant data efficiently and quickly. As such, it is imperative to research new methods and approaches to increase productivity in these areas. Examining Information Retrieval and Image Processing Paradigms in Multidisciplinary Contexts is a key source on the latest advancements in multidisciplinary research methods and applications and examines effective techniques for managing and utilizing information resources. Featuring extensive coverage across a range of relevant perspectives and topics, such as knowledge discovery, spatial indexing, and data mining, this book is ideally designed for

researchers, graduate students, academics, and industry professionals seeking ways to optimize knowledge management processes.

Literature and Language Learning in the EFL Classroom Masayuki Teranishi 2015-08-03 This book examines how literary texts can be incorporated into teaching practices in an EFL classroom. It takes a multi-faceted approach to how English language teaching and learning can best be developed through presentation and exploration of literary texts.

Directory Modern Language Association of America 2002

Serving Library Users from Asia John Hickok 2019-06-12 Asian populations are among some of the fastest growing cultural groups in the US. This book is a comprehensive guide to serving library users from 24 specific Asian countries. It begins with a broad overview of how libraries can better serve Asian communities and then devotes a chapter to each country, providing wealth of valuable resources.

Biomedical Engineering Handbook Joseph D. Bronzino 1999-12-28 Category Biomedical Engineering Subcategory Contact Editor: Stern

Innovative Teaching Strategies in Nursing and Related Health Professions Martha J. Bradshaw 2011 Innovative Teaching Strategies in Nursing and Related Health Professions, Fifth Edition continues to provide nursing educators and other health care professionals with the latest, proven teaching strategies. Newly revised and updated, this new Fifth Edition offers how-to-strategies for incorporating the burgeoning field of technology into the classroom. New topics include Web 2.0 technologies such as blogs and podcasts. Also featured are chapters on Blended Learning and Study Abroad programs,

enabling students to gain a more diverse and increased global perspective. Featuring innovative teaching techniques for various learning environments and real world illustrations of the strategies in use, this book goes beyond theory to offer practical application principles that educators can count on!

Literary Learning Sherry Lee Linkon 2011 Literary Learning explores the nature of literary knowledge and offers guidance for effective teaching of literature at the college level. What do English majors need to learn? How can we help them develop the skills and knowledge they need? By identifying the habits of mind that literary scholars use in their own research and writing, Sherry Lee Linkon articulates the strategic knowledge that lies at the heart of the discipline, offering important insights and models for beginning and experienced teachers.

Research Methods in Education Louis Cohen 2017-10-12 This thoroughly updated and extended eighth edition of the long-running bestseller Research Methods in Education covers the whole range of methods employed by educational research at all stages. Its five main parts cover: the context of educational research; research design; methodologies for educational research; methods of data collection; and data analysis and reporting. It continues to be the go-to text for students, academics and researchers who are undertaking, understanding and using educational research, and has been translated into several languages. It offers plentiful and rich practical advice, underpinned by clear theoretical foundations, research evidence and up-to-date references, and it raises key issues and questions for researchers planning, conducting, reporting and evaluating research. This edition contains

new chapters on: Mixed methods research The role of theory in educational research Ethics in Internet research Research questions and hypotheses Internet surveys Virtual worlds, social network software and netography in educational research Using secondary data in educational research Statistical significance, effect size and statistical power Beyond mixed methods: using Qualitative Comparative Analysis (QCA) to integrate cross-case and within-case analyses. Research Methods in Education is essential reading for both the professional researcher and anyone involved in educational and social research. The book is supported by a wealth of online materials, including PowerPoint slides, useful weblinks, practice data sets, downloadable tables and figures from the book, and a virtual, interactive, self-paced training programme in research methods. These resources can be found at: www.routledge.com/cw/cohen.

Biomedical Imaging Karen M. Mudry 2003-03-26 Comprised of chapters carefully selected from CRC's best-selling engineering handbooks, volumes in the Principles and Applications in Engineering series provide convenient, economical references sharply focused on particular engineering topics and subspecialties. Culled from the Biomedical Engineering Handbook, Biomedical Imaging

Directory of Distance Learning Opportunities Modoc Press 2003 Offers information on more than six thousand K-12 courses and programs offered through correspondence or electronic delivery systems in the United States.

Evaluating Social Media Marketing Katarzyna Sanak-Kosmowska 2021-11-24 This book is an innovative attempt to identify and analyse the processes related to social influence in online buying behaviour, with special attention given to

the phenomenon of social proof, which is the basis of social media, recommendation marketing, and word-of-mouth (WOM) marketing. It empirically verifies the factors which influence the effectiveness of social proof, and identifies relevant impact factors. Opening with a literature review of this concept from the perspective of social psychology, sociology, and marketing, this interdisciplinary approach to the issue allows for an in-depth understanding of the mechanisms of the effective use of social proof in contemporary online marketing. Following this, in the context of theoretical considerations, the author analyses the social role and significance of social proof in the buying behaviours of online consumers. The second half of the book presents the results of the author's quantitative and qualitative research into the effectiveness of social proof. The quantitative research verifies the hypotheses concerning the social role and significance of social proof in buying decisions and identifies the level of confidence in the opinions expressed by other web users. The qualitative research focuses on the empirical verification of the effectiveness of social proof mechanisms. Additionally, attention is given to sensitivity to social proof, i.e. the factors that increase the effectiveness of such messages, from both the sender's and the recipient's perspective, as well as the forms and channels of communication. Written for scholars and researchers interested in the debate on the transparency of activities carried out by companies in the area of online marketing, the book's detailed analysis of influence utilizing both quantitative and qualitative studies may be of interest to a wider group of academics including economists, psychologists and sociologists.

The Biomedical Engineering Handbook 1

Joseph D. Bronzino 2000-02-15
Creating Online Tutorials Hannah Gascho Rempel 2015-07-16 Today's students rely heavily on using electronic resources; they expect to be able to access library resources from any location and at any time of the day. More and more schools, from K-12 through graduate level universities, are offering online education, and libraries must be prepared to guide learners in how to use library resources when and where they are needed. Online tutorials are the library's answer to providing this immediate instruction, and today's learners are expecting to have these guides available. Many librarians don't have the technical expertise needed to create online tutorials. Creating Online Tutorials: A Practical Guide for Librarians will help guide them through the basics of designing and producing an online tutorial. Through practical examples, the book will guide librarians just starting the process of creating an online tutorial from start to finish and will provide tips that will be useful to librarians with more experience in designing online tutorials. This detailed roadmap for designing and producing online tutorials covers: When to consider a tutorial Needs assessment Choosing the right technology Selecting and organizing instructional content Planning—script, images, narration, other design elements Assessment as a primary design element Maintenance and updating Online tutorial resources After reading this book, new tutorial developers will have a practical, customizable blueprint that will enable them confidently address the creation of their first online tutorials, and experienced developers will learn efficient techniques to create and enhance future tutorials that are attractive, effective teaching tools.
Tietz Textbook of Laboratory Medicine -

E-Book Nader Rifai 2022-02-03 Use THE definitive reference for laboratory medicine and clinical pathology! Tietz Textbook of Laboratory Medicine, 7th Edition provides the guidance necessary to select, perform, and evaluate the results of new and established laboratory tests. Comprehensive coverage includes the latest advances in topics such as clinical chemistry, genetic metabolic disorders, molecular diagnostics, hematology and coagulation, clinical microbiology, transfusion medicine, and clinical immunology. From a team of expert contributors led by Nader Rifai, this reference includes access to wide-ranging online resources on Expert Consult — featuring the comprehensive product with fully searchable text, regular content updates, animations, podcasts, over 1300 clinical case studies, lecture series, and more. Authoritative, current content helps you perform tests in a cost-effective, timely, and efficient manner; provides expertise in managing clinical laboratory needs; and shows how to be responsive to an ever-changing environment. Current guidelines help you select, perform, and evaluate the results of new and established laboratory tests. Expert, internationally recognized chapter authors present guidelines representing different practices and points of view. Analytical criteria focus on the medical usefulness of laboratory procedures. Use of standard and international units of measure makes this text appropriate for any user, anywhere in the world. Expert Consult provides the entire text as a fully searchable eBook, and includes regular content updates, animations, podcasts, more than 1300 clinical case studies, over 2500 multiple-choice questions, a lecture series, and more. NEW! 19 additional chapters highlight various specialties throughout laboratory

medicine. NEW! Updated, peer-reviewed content provides the most current information possible. NEW! The largest-ever compilation of clinical cases in laboratory medicine is included on Expert Consult. NEW! Over 100 adaptive learning courses on Expert Consult offer the opportunity for personalized education.

Teaching Online Handbook Courtney Ostaff 2020-11-30 Classroom teachers are increasingly expected to teach online - creating content area courses from scratch with little support or training. But high-quality, researched-based online teaching has its own particular set of skills and expectations, and most resources are directed at college-level instructors. This no-nonsense handbook is for that busy classroom teacher, with clear techniques for planning, instruction, and assessment, as well as sections on teaching students with diverse needs and exceptionalities. Based on the author's real-life experiences as an online teacher, there are multiple examples including sample assignments across content areas, rubrics for grading, and sample scripts for parent contact as well as tips to reduce instructor workload and conduct successful live instruction.