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Vocational Education and Training in the Age of Digitization Eveline Wuttke 2020-10-26 Mit der zunehmenden Digitalisierung der Arbeitswelt ist ein beschleunigter Strukturwandel verbunden, der veränderte Qualifikationsprofile und damit neue Herausforderungen für die berufliche Aus- und Weiterbildung mit sich bringt. Betriebe, berufliche Schulen und andere Bildungsinstitutionen müssen darauf in angemessener Weise reagieren. Der Band nimmt die vielfältigen Anforderungen an Lehrende, Lernende und Bildungsinstitutionen der beruflichen Aus- und Weiterbildung in den Blick und stellt aktuelle Ergebnisse zum Lernen im digitalen Zeitalter zur Verfügung.

Insurgent Public Space Jeffrey Hou 2010-04-21 Winner of the EDRA book prize for 2012. In cities around the world, individuals and groups are reclaiming and creating urban sites, temporary spaces and informal gathering places. These 'insurgent public spaces' challenge conventional views of how urban areas are defined and used, and how they can transform the city environment. No longer confined to traditional public areas like neighbourhood parks and public plazas, these guerrilla spaces express the alternative social and spatial relationships in our changing cities. With nearly twenty illustrated case studies, this volume shows how instances of insurgent public space occur across the world. Examples range from community gardening in Seattle and Los Angeles, street dancing in Beijing, to the transformation of parking spaces into temporary parks in San Francisco. Drawing on the experiences and knowledge of individuals extensively engaged in the actual implementation of these spaces, *Insurgent Public Space* is a unique cross-disciplinary approach to the study of public space use, and how it is utilized in the contemporary, urban world. Appealing to professionals and students in both urban studies and more social courses, Hou has brought together valuable commentaries on an area of urbanism which has, up until now, been largely ignored.

German Technical Dictionary ROUTLEDGE 2004 Since its publication in 1995, the German Technical Dictionary has established itself as the definitive resource for anyone who needs to translate technical documents between German and English. This new edition has been substantially revised to reflect the technological environment of the twenty-first century. The revised edition contains over 75,000 entries, of

which over 5,000 are new, with many new entries in the areas of: * the internet and telecommunications * bio-technology and the new genetics * new developments in health technology. Throughout, this dictionary continues to benefit from the features that made the first edition so valuable, including accurate translations in British and American English and an attractive, durable and easy to use layout.

Oncothermia: Principles and Practices Andras Szasz 2010-11-23 Oncothermia is the next generation medical innovation that delivers selective, controlled and deep energy for cancer treatment. The basic principles for oncothermia stem from oncological hyperthermia, the oldest approach to treating cancer. Nevertheless, hyperthermia has been wrought with significant controversy, mostly stemming from shortcomings of controlled energy delivery. Oncothermia has been able to overcome these insufficiencies and prove to be a controlled, safe and efficacious treatment option. This book is the first attempt to elucidate the theory and practice of oncothermia, based on rigorous mathematical and biophysical analysis, not centered on the temperature increase. It is supported by numerous in-vitro and in-vivo findings and twenty years of clinical experience. This book will help scientists, researchers and medical practitioners in understanding the scientific and conceptual underpinnings of oncothermia and will add another valuable tool in the fight against cancer. Professor Andras Szasz is the inventor of oncothermia and the Head of St Istvan University's Biotechnics Department in Hungary. He has published over 300 papers and lectured at various universities around the world. Dr. Oliver Szasz is the managing director of Oncotherm, the global manufacturer and distributor of medical devices for cancer treatment used in Europe & Asia since the late 1980s. Dr. Nora Szasz is currently a management consultant in healthcare for McKinsey & Co.

Qualitative Analysis and Documentary Method Ralf Bohnsack 2010-01-20 You need to work with qualitative methods, especially the Documentary Method? This is your book: The first systematic introduction related to the application of the Documentary Method on group discussions, interviews, films and pictures. Since the book is based on a German- Brazilian cooperation, it also provides an overview of the state of the art in Germany and Brazil with regards to Educational Science. From the contents: · Qualitative Methods in Educational Science · The Documentary Method and the Interpretation of Group Discussions · The Documentary Method and the Interpretation of Interviews · The Documentary Method and the Interpretation of Pictures and Videos

Censored 2014 Mickey Huff 2013-10-08 Truthout's Progressive Pick of the Week Ralph Nader's 10 Books to Provoke Conversation in 2014 Every year since 1976, Project Censored, our nation's oldest news-monitoring group--a university-wide project at Sonoma State University founded by Carl Jensen, directed for many years by Peter Phillips, and now under the leadership of Mickey Huff--has produced a Top-25 list of underreported news stories and a book, *Censored*, dedicated to the stories that ought to be top features on the nightly news, but that are missing because of media bias and self-censorship. Seven Stories Press has been publishing this yearbook since 1994, featuring the top stories listed democratically in order of importance according to an international panel of judges. Beyond the Top-25 stories, additional chapters delve further into timely media topics: The Censored News and Media Analysis section provides annual updates on Junk Food News and News Abuse, Censored Deja Vu, signs of hope in the alternative and news media, and the state of media bias and alternative coverage around the world. In the Truth Emergency section, scholars and journalists take a critical

look at the US/NATO military-industrial-media empire. And in the Project Censored International section, the meaning of media democracy worldwide is explored in close association with Project Censored affiliates in universities and at media organizations all over the world. A perennial favorite of booksellers, teachers, and readers everywhere, Censored is one of the strongest lifesigns of our current collective desire to get the news we citizens need--despite what Big Media tells us.

Neumann Microphone Book Anselm Roessler 2003 Die Entwicklung der Audiotechnik ist eng mit dem Namen Neumann verknüpft: Seit 75 Jahren steht die Berliner Mikrofon-Firma für besten Klang, für bahnbrechende Innovation und für kompromisslose Qualität. Ob Tonstudio oder Bühne, Rundfunk oder Konzertsaal, Klassik oder Pop, Neumann-Mikrofone sind überall zu Hause. Lesen Sie alles über die alten Kult-Mikrofone, die Entstehung des berühmten U87 und die neuesten Erfindungen der Digital-Mikrofone. Werfen Sie einen Blick auf die Geschichte der Schallplattentechnik und die Zeit der großen Neumann-Tonregie-Anlagen. Erleben Sie die Ideen der Mikrofon-Entwickler und staunen Sie über die Präzision der Herstellung. Mit einzigartigen Fotos und Informationen aus erster Hand bietet dieses Buch spannende Einblicke hinter die Kulissen der berühmten Mikrofon-Company.

Object-oriented Databases John G. Hughes 1991 The principles of the semantic data modelling are described here in depth and this is followed by a description of the application of object-oriented techniques in this area. Separate chapters are devoted to implementational issues, such as persistence and concurrency.

The Original Portrayal of Mozart's Don Giovanni Magnus Tessing Schneider 2021-11-16 The Original Portrayal of Mozart's Don Giovanni offers an original reading of Mozart's and Da Ponte's opera Don Giovanni, using as a lens the portrayal of the title role by its creator, the baritone Luigi Bassi (1766–1825). Although Bassi was coached in the role by the composer himself, his portrayal has never been studied in depth before, and this book presents a large number of new sources (first- and second-hand accounts), which allows us to reconstruct his performance scene by scene. The book confronts Bassi's portrayal with a study of the opera's early German reception and performance history, demonstrating how Don Giovanni as we know it today was not only created by Mozart, Da Ponte and Luigi Bassi but also by the early German adapters, translators, critics and performers who turned the title character into the arrogant and violent villain we still encounter in most of today's stage productions. Incorporating discussion of dramaturgical thinking of the late Enlightenment and the difficult moral problems that the opera raises, this is an important study for scholars and researchers from opera studies, theatre and performance studies, music history as well as conductors, directors and singers.

Studying Teacher Education Marilyn Cochran-Smith 2009-09-10 Published for the American Educational Research Association by Routledge This landmark volume presents the work of the American Educational Research Association's Panel on Research and Teacher Education. It represents a systematic effort to apply a common set of scholarly lenses to a range of important topics in teacher education. The Panel's charge was twofold: *to create for the larger educational research community a thorough, rigorous, and even-handed analysis of the empirical research evidence relevant to major policies and practices in pre-service teacher education in the U.S., and *to propose a research agenda related to teacher education that builds on what is

already known and that identifies the research directions that are most promising for the future. Members of the Panel were appointed from various sectors of the educational research community and with different areas of expertise, including teacher education, policy, assessment, research design and methods, liberal arts, multicultural education, and school reform. Building on their diverse perspectives, they ably translated their charge into a series of questions that became the framework for this volume. The questions illuminate many of the issues that have been most contested in past and current discourse about teacher education reform. Studying Teacher Education examines research about the current pool of prospective and entering teachers and about local, institutional, state, and federal preservice teacher education policies and practices. The book includes three general chapters and nine research syntheses. *The AERA Panel on Research and Teacher Education: Context and Goals *Researching Teacher Education in Changing Times: Politics and Paradigms *Teacher Characteristics: Research on the Demographic Profile *Teacher Characteristics: Research on the Indicators of Quality *Research on the Effects of Coursework in the Arts and Sciences and in the Foundations of Education *Research on Methods Courses and Field Experiences *Research on Pedagogical Approaches in Teacher Education *Research on Preparing Teachers for Diverse Populations *Research on Preparing Teachers to Work with Students with Disabilities *Research on Accountability Processes in Teacher Education *Research on Teacher Education Programs *A Research Agenda for Teacher Education Each chapter reviews the empirical literature and proposes a research agenda that builds on and extends what is known about a topic. A chart at the end of each chapter provides summary information for each of the empirical studies synthesized and two reference lists--one for all of the studies reviewed in the chapter and one for additional references used. The volume includes an introductory chapter on the Panel's context and goals, and an accessible Executive Summary of the book as a whole. Studying Teacher Education: The Report of the AERA Panel on Research and Teacher Education is a timely, indispensable reference for all researchers and professionals in the field.

Talent Development and Excellence Heidrun Stoeger 2012 Research on talent development and gifted education has made enormous strides over the past decades. Yet, much of the actual talent development and gifted education work being done fails to live up to the field's promise. This book highlights recent theoretical approaches and discusses empirical research conclusions which have yet to receive the attention they deserve. It also considers possibilities for harnessing these insights for current talent development and gifted education efforts. (Series: Talent Encouragement - Development of Expertise - Performance Excellence - Vol. 11)

Fundamentals of Fluid Power Hubertus Murrenhoff 2014

Public Relations Research Ansgar Zerfaß 2008-05-08 This volume is a major contribution to the trans-national debate on public relations research and communication management. It presents dominant concepts and findings from the scientific community in Germany in English language. At the same time, the compilation contains a selection of the most influential and relevant approaches from European and international researchers. Editors and contributors are renowned academics from all over the world. This books honours Guenter Bentele, one of the international spearheads of public relations research, and gives academics, students and communication managers a focussed insight into the field.

Classroom Assessment for Student Learning Richard J. Stiggins 2004 DVD includes "video segments illustrating ideas and practices presented in the book, and a CD-ROM containing activities that facilitate individual or group learning" - back cover.

PISA 2018 Results (Volume I) What Students Know and Can Do OECD 2019-12-03 This is one of six volumes that present the results of the PISA 2018 survey, the seventh round of the triennial assessment. Volume I, What Students Know and Can Do, provides a detailed examination of student performance in reading, mathematics and science, and describes how performance has changed since previous PISA assessments.

Deutsche Nationalbibliographie und Bibliographie der im Ausland erschienenen deutschsprachigen Veröffentlichungen 1997

Teacher Motivation Paul W. Richardson 2014-05-30 *Teacher Motivation: Theory and Practice* provides a much needed introduction to the current status and future directions of theory and research on teacher motivation. Although there is a robust literature covering the theory and research on student motivation, until recently there has been comparatively little attention paid to teachers. This volume draws together a decade of work from psychological theorists and researchers interested in what motivates people to choose teaching as a career, what motivates them as they work with students in classrooms, the impact of intrinsic and extrinsic forces on career experiences, and how their motivational profiles vary at different stages of their career. With chapters from leading experts on the topic, this volume provides a critical resource not only for educational psychologists, but also for those working in related fields such as educational leadership, teacher development, policy makers and school psychology.

Das Schweizer Buch 2004 Vols. 3-5 include separately paged section "Stadtbibliothek Bern, verzeichnis der im jahre 1902-[04] neu erworbenen werke."

Gender and Far Right Politics in Europe Michaela Köttig 2016-12-20 This book is a systematic consideration of the link between the extreme right and the discourse about developments in regard to gender issues within different national states. The contributors analyze right-wing extremist tendencies in Europe under the specific perspective on gender. The volume brings together the few existing findings concerning the quantitative dimension of activities carried out by men and women in different countries, and illuminates and juxtaposes gender ratios along with the role of women in right-wing extremism. Along with the gender-specific access to right-wing groups, the chapters look at networks, organizational forms, specific strategies of female right-wing extremists, their ideologies (especially regarding femininity and masculinity), hetero normativity, discourses on sexuality, and preventive and counter-strategies. The book will be of use to students and scholars interested in gender and politics, European politics, and political extremism.

Songs with Piano Accompaniment Franz Schubert 1923

Researching Audio Description Anna Matamala 2016-06-21 Audio description is one of the many services

available to guarantee accessibility to audiovisual media. It describes and narrates images and sounds and resulting audio is then mixed with the original soundtrack. Audio description is a complex process that touches production, distribution and reception. *Researching Audio Description: New Approaches* gathers academic information and data from the many existing research projects, practices, and training across the world. The book has a telescopic approach, from two introductory chapters where accessibility in general is contextualised as a human right, and the basic concepts of disability and impairment are explored. Research on specific features for audio description script drafting are focused in the second part of the book, with a view to revising existing funded projects and their outcomes. The book offers a wealth of information on both the practical and philosophical, from different approaches in perception and cognition, and different research methodologies. Project information contained in the contributions identifies trends in current research-funded studies which will be valuable as a pointer towards future proposals. The book shows the dynamic state of audio description practice, training and research, while contributing towards the growing critical mass needed in building the field of accessibility studies.

Intergroup Conflicts and Their Resolution Daniel Bar-Tal 2011-01-26 This book provides a framework that sheds an illuminating light into the psyche of people involved in macro-level destructive intergroup conflicts, involving societies and ethnic groups, that take place continuously in various parts of the globe. It focuses on the socio-psychological repertoire that evolves in these societies or groups and which plays a determinative role in its dynamics. Specifically, this repertoire influences the nature of social reality about the conflict that society members construct, the involvement with and mobilization of society members for the conflict, the sense of solidarity and unity they experience, the conformity expected from society members, the pressure exerted on leaders, and the direction of action taken by the leadership. In addition, the book describes the changes in the socio-psychological repertoire that are necessary to ignite the peace process. Finally, it elaborates on the nature and the processes of peace building, including conflict resolution and reconciliation. The proposed conception assumes that although each conflict has its unique context and characteristics, the socio-psychological foundations and dynamics are similar. It offers a holistic and comprehensive outlook on the dynamics that characterize each stage and aspect of intractable conflicts. Each chapter systematically elucidates a particular part of the cycle, describing the theoretical frameworks and concepts, as well as presenting empirical data that was accumulated. The volume is an important contribution for all those who study intergroup conflicts and want to understand their dynamics. In addition, the book will interest the many people attempting to settle conflicts peacefully and who need knowledge about the socio-psychological vectors that influence their course and resolution.

Music Theory for the Bass Player Ariane Cap 2018-12-22 *Music Theory for the Bass Player* is a comprehensive and immediately applicable guide to making you a well-grounded groover, informed bandmate and all-around more creative musician. Included with this book are 89 videos that are incorporated in this ebook. This is a workbook, so have your bass and a pen ready to fill out the engaging Test Your Understanding questions! Have you always wanted to learn music theory but felt it was too overwhelming a task? Perhaps all the books seem to be geared toward pianists or classical players? Do you know lots of songs, but don't know how the chords are put together or how they work with the melody? If so, this is the book for you! • Starting with

intervals as music's basic building blocks, you will explore scales and their modes, chords and the basics of harmony. • Packed with fretboard diagrams, musical examples and exercises, more than 180 pages of vital information are peppered with mind-bending quizzes, effective mnemonics, and compelling learning approaches. • Extensive and detailed photo demonstrations show why relaxed posture and optimized fingering are vital for good tone, timing and chops. • You can even work your way through the book without being able to read music (reading music is of course a vital skill, yet, the author believes it should not be tackled at the same time as the study of music theory, as they are different skills with a different practicing requirement. Reading becomes much easier once theory is mastered and learning theory on the fretboard using diagrams and patterns as illustrations, music theory is very accessible, immediately usable and fun. This is the definitive resource for the enthusiastic bassist! p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 13.0px Helvetica} p.p2 {margin: 0.0px 0.0px 0.0px 0.0px; font: 13.0px Helvetica; min-height: 16.0px} This book and the 89 free videos stand on their own and form a thorough source for studying music theory for the bass player. If you'd like to take it a step further, the author also offers a corresponding 20 week course; this online course works with the materials in this book and practices music theory application in grooves, fills and solos. Information is on the author's blog.

The Caregiving Dilemma Nancy Foner 1995-10-06 "I know of no other book which gives such a richly contextualized picture of women workers in a nursing home setting. . . . A first-rate ethnography."—Louise Lamphere, University of New Mexico

Research in Chemistry Education Liliana Mammino 2021-05-17 This volume emphasizes the role of chemical education for development and, in particular, for sustainable development in Africa, by sharing experiences among specialists across the African continent and with specialists from other continents. It considers all areas and levels of chemistry education, gives specific attention to known major challenges and encourages explorations of novel approaches. The chapters in this book describe new teaching approaches, approach-explorations and in-class activities, analyse educational challenges and possible ways of addressing them and explore cross-discipline possibilities and their potential benefits for chemistry education. This makes the volume an up to date compendium for chemistry educators and educational researchers worldwide.

Experts, Social Scientists, and Techniques of Prognosis in Cold War America Christian Dayé 2019-12-16 This book describes how Cold War researchers used expert opinions to construct foreknowledge of geopolitical relevance. Focusing on the RAND Corporation, an American think tank with close relations to the armed forces, Dayé analyses the development of two techniques of prognosis, the Delphi technique and Political Gaming. Based on archival research and interviews, the chapters explore the history of this series of experiments to understand how contemporary social scientists conceived of one of the core categories of the Cold War, the expert, and uncover the systematic use of expert opinions to craft prognoses. This consideration of the expert's role in Cold War society and what that can tell us about the role of the expert today will be of interest to students and scholars across the history of science, the sociology of knowledge, future studies, the history of the Cold War, social science methodology, and social policy.

Cold War Social Science Mark Solovey 2021-05-13 This book explores how the social sciences became entangled

with the global Cold War. While duly recognizing the realities of nation states, national power, and national aspirations, the studies gathered here open up new lines of transnational investigation. Considering developments in a wide array of fields – anthropology, development studies, economics, education, political science, psychology, science studies, and sociology – that involved the movement of people, projects, funding, and ideas across diverse national contexts, this volume pushes scholars to rethink certain fundamental points about how we should understand – and thus how we should study – Cold War social science itself.

The Universities of Europe in the Middle Ages Hastings Rashdall 1895

Global Talent Management Hugh Scullion 2011-04-27 This book draws on recent theoretical contributions in the area of global talent management and presents an up to date and critical review of the key issues which MNEs face. Beyond exploring some key overarching issues in global talent management the book discusses the key emerging issue around global talent management in key economies such as China, India, the Middle East and Eastern Europe. In contrast to many of the currently available texts in the area of global talent management which are descriptive and lacking theoretical rigor, this text emphasizes the critical understanding of global talent management in an organizational context. Drawing on contributions from the leading figures in the field, it will aid students, practitioners and researchers alike in gaining a well grounded and critical overview of the key issues surrounding global talent management from a theoretical and practical perspective.

Information and Communication Technologies in Everyday Life Leslie Haddon 2004-08-15 How do cell phones change society? How do children use computers? How can we manage relationships via text messages? The internet, television, email and other new forms of information technology are changing at a rapid pace with potentially profound but also subtle influences on social life. This book offers a succinct introduction to both the experience and implications of these information and communication technologies (ICTs) in everyday life. Drawing on a wide variety of studies from different countries, the author considers the potential, or feared, social consequences of ICTs. Throughout, he analyzes what factors are shaping the debates surrounding information and communication technologies. The outcome is a cutting-edge book that offers a fresh approach to understanding ICTs and everyday life.

Examining Pedagogical Content Knowledge Julie Gess-Newsome 2006-04-11 This ambitious text is the first of its kind to summarize the theory, research, and practice related to pedagogical content knowledge. The audience is provided with a functional understanding of the basic tenets of the construct as well as its applications to research on science teacher education and the development of science teacher education programs.

Caffeine in Food and Dietary Supplements: Examining Safety Leslie Pray 2014-04-23 "Caffeine in Food and Dietary Supplements" is the summary of a workshop convened by the Institute of Medicine in August 2013 to review the available science on safe levels of caffeine consumption in foods, beverages, and dietary supplements and to identify data gaps. Scientists with expertise in food safety, nutrition, pharmacology,

psychology, toxicology, and related disciplines; medical professionals with pediatric and adult patient experience in cardiology, neurology, and psychiatry; public health professionals; food industry representatives; regulatory experts; and consumer advocates discussed the safety of caffeine in food and dietary supplements, including, but not limited to, caffeinated beverage products, and identified data gaps. Caffeine, a central nervous stimulant, is arguably the most frequently ingested pharmacologically active substance in the world. Occurring naturally in more than 60 plants, including coffee beans, tea leaves, cola nuts and cocoa pods, caffeine has been part of innumerable cultures for centuries. But the caffeine-in-food landscape is changing. There are an array of new caffeine-containing energy products, from waffles to sunflower seeds, jelly beans to syrup, even bottled water, entering the marketplace. Years of scientific research have shown that moderate consumption by healthy adults of products containing naturally-occurring caffeine is not associated with adverse health effects. The changing caffeine landscape raises concerns about safety and whether any of these new products might be targeting populations not normally associated with caffeine consumption, namely children and adolescents, and whether caffeine poses a greater health risk to those populations than it does for healthy adults. This report delineates vulnerable populations who may be at risk from caffeine exposure; describes caffeine exposure and risk of cardiovascular and other health effects on vulnerable populations, including additive effects with other ingredients and effects related to pre-existing conditions; explores safe caffeine exposure levels for general and vulnerable populations; and identifies data gaps on caffeine stimulant effects.

Effects of Some Tranquilizing, Analeptic and Vasodilating Drugs on Physical Work Capacity and Orthostatic Tolerance R. V. Ganslen 1963 The effects of one tranquilizing and two analeptic drugs on the physical working capacity and on cardiovascular responses to postural changes were investigated. A definite increase in work capacity was observed after ingestion of a combined caffeine-metrazol preparation, apparently resulting from an increased capacity for cardiac output and maximum oxygen intake. Recordil, a relatively new Italian drug and a very potent dilator of coronary arteries, also improved work capacity but caused a tendency for orthostatic syncope probably due to its generally vasodilating effects. The blood pressure depression observed with Equanil (from the meprobamate group) during rest, exercise and tilting, especially with larger doses, raises the question about the safety of people engaged in the operation of aircraft or motor vehicles when 'sedated' by this drug. Serious incidents and fatal accidents may be precipitated by the emotional indifference to suddenly arising problems or as a consequence of delayed circulatory responses during flight maneuvers. (Author).

Cognitive Activation in the Mathematics Classroom and Professional Competence of Teachers Mareike Kunter 2013-03-29 This work reports the findings of the Professional Competence of Teachers, Cognitively Activating Instruction, and Development of Students' Mathematical Literacy project (COACTIV). COACTIV applies a broad, innovative conceptualization of teacher competence to examine how mathematics teachers' knowledge, beliefs, motivational orientations, and self-regulation skills influence their instructional practice and teaching outcomes In this project data was collected on various aspects of teacher competence and classroom instruction from the perspective of both the teachers themselves and their students. Moreover, it gauges the effects of these teacher characteristics on student learning, as indexed by the progress students in each class. Questions

addressed in the study which are reported in this volume include: What are the characteristics of successful teaching? What distinguishes teachers who succeed in their profession? How can the quality of instruction be improved?

Handbook of Research on Teaching Drew Gitomer 2016-05-19 The Fifth Edition of the Handbook of Research on Teaching is an essential resource for students and scholars dedicated to the study of teaching and learning. This volume offers a vast array of topics ranging from the history of teaching to technological and literacy issues. In each authoritative chapter, the authors summarize the state of the field while providing conceptual overviews of critical topics related to research on teaching. Each of the volume's 23 chapters is a canonical piece that will serve as a reference tool for the field. The Handbook provides readers with an unparalleled view of the current state of research on teaching across its multiple facets and related fields.

Verzeichnis lieferbarer Bücher 2002

Gender in Science and Technology Waltraud Ernst 2014-04-30 What role does gender play in scientific research and the development of technologies? This book provides methodological expertise, research experiences and empirical findings in the dynamic field of Science and Technology Studies. The authors, coming from computer science, social sciences, or cultural studies of science, discuss how to ask questions about gender and give examples for the application in interdisciplinary research, development and teaching. Topics range from the design of information and communication technologies, epistemologies of biology and chemistry to teaching mathematics and professional processes in engineering. Contributions by Anne Balsamo, Wendy Faulkner, Rebecca Jordan-Young, Barbara Orland, Els Rommes, and others.

Plant Genome Editing – Policies and Governance Thorben Sprink 2020-04-22

Automotive Powertrains PEP (Professional Engineering Publishers) 1996-04-18 These seminar proceedings contain selected papers from the prestigious Autotech event. This highly regarded key meeting for engineers from the international automotive industry is organised by engineers for engineers. It brings together representatives from many of the industry's main innovating companies, creating a forum in which the technology that will be seen in vehicles of the future is considered and debated. A wide range of topics across the whole field of automotive technology are discussed. These include: Automotive Electronics, Manufacturing, Powertrain, Refinement, and Safety. A selection of papers dealing with Automotive Powertrains is presented in this volume. Topics covered include: Hybrid powertrains Engine developments Driveline developments Transmissions Emissions Mechanical developments This volume is one of a number published as a result of this important and influential event.

Finite Element Analysis with SOLIDWORKS Simulation Robert H. King 2018-01-01 King's FINITE ELEMENT ANALYSIS WITH SOLIDWORKS SIMULATION prepares readers for a range of professional applications using an innovative approach that combines presentation theory with solid mechanics calculations to confirm configurations. The author demonstrates calculations in PTC Mathcad, providing an interactive

what-if environment. Users then build SOLIDWORKS simulations. The book focuses on 3D analysis of real-world designs while emphasizing fundamentals. Readers master critical concepts such as singular stiffness matrices, digital resolution, and rigid-body motion. They build a small FEA software program that implements a 1D spring model. Investigations explore the effects of changing analyses as readers compare solutions, identify errors, make decisions, and examine alternative configurations and new models to become mature problem solvers and critical thinkers. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.