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JOB INTERVIEW Offshore Oil & Gas Rigs - Petrogav International Oil & Gas Training Center 2020-07-01

The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 282 questions and answers for job interview and as a BONUS web addresses to 289 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

The Ebook Revolution - Kate Sheehan 2013

The book ecosystem is radically changing, and libraries must change with it. This book tackles the controversial discussion about eBooks and explores librarian-driven solutions and visions for the future of libraries in the 21st century. The eBook Revolution: A Primer for Librarians on the Front Lines is exactly what its title promises: an essential resource for librarians facing the formidable task of coordinating the library-wide transition to eBooks and fielding questions from patrons about eBooks on a daily basis. After an introduction that covers the basics of eBooks and current eBook technology, the author puts things into perspective, documenting the changes that have occurred over the past decade. She also delves into important eBook issues, identifying librarian-driven solutions and providing glimpses of what libraries in the near future will likely be like. The book examines perennially critical issues such as accessibility, resource sharing, and the digital divide within the context of eBook technology and provides a clear framework for discussing eBooks, thereby enabling readers to make informed decisions regarding their own organizations.

Whistleblowers, Leakers, and Their Networks - Jason Ross Arnold 2019-08-26

With its conceptual innovations and case studies, Whistleblowers clarifies the much-discussed but under-studied phenomena of leaking and whistleblowing, with a particular focus on the collaborative networks that make the extraction and publication of secrets possible.

Journal of Disability Policy Studies - 2012

Hacking Happiness - John Havens 2014-03-20

In Hacking Happiness, futurist and contributing Mashable writer John C. Havens introduces you to your “quantified self”—your digital identity represented by gigabytes of data produced from tracking your activities on your smartphone and computer. Harvested by megacorporations such as Google, Facebook, and Amazon, Havens argues that companies gather this data because of its immense economic value, encouraging a culture of “sharing” as they hoard the information based on our lives for private monetary gain. But there's an alternative to this digital dystopia. Emerging technologies will help us reclaim this valuable data for ourselves, so we can directly profit from the insights linked to our quantified selves. At the same time, sensors in smartphones and wearable devices will help us track our emotions to improve our well-being based on the science of positive psychology. Havens proposes that these trends will lead to new economic policies that redefine the meaning of “wealth,” allowing governments to create policy focused on purpose rather than productivity. An issues book highlighting the benefits of an examined life in the digital world, this timely work takes the trepidation out of the technological renaissance and illustrates how the fruits of the Information Age can improve our lives for a happier humanity.

150 technical questions and answers for job interview Offshore Oil

& Gas Platforms - Petrogav International Oil & Gas Training Center 2020-06-30

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Advances in Visual Computing - George Bebis 2020-12-11

This two-volume set of LNCS 12509 and 12510 constitutes the refereed proceedings of the 15th International Symposium on Visual Computing, ISVC 2020, which was supposed to be held in San Diego, CA, USA in October 2020, took place virtually instead due to the COVID-19 pandemic. The 114 full and 4 short papers presented in these volumes were carefully reviewed and selected from 175 submissions. The papers are organized into the following topical sections: Part I: deep learning; segmentation; visualization; video analysis and event recognition; ST: computational bioimaging; applications; biometrics; motion and tracking; computer graphics; virtual reality; and ST: computer vision advances in geo-spatial applications and remote sensing Part II: object recognition/detection/categorization; 3D reconstruction; medical image analysis; vision for robotics; statistical pattern recognition; posters

Soil Contamination - Marcelo Larramendy 2016-12-21

This edited book, Soil Contamination - Current Consequences and Further Solutions, is intended to provide an overview on the different environmental consequences of our anthropogenic activities, which has introduced a large number of xenobiotics that the soil cannot, or can only slower, decompose or degrade. We hope that this book will continue to meet the expectations and needs of all interested in diverse fields with expertise in soil science, health, toxicology, and other disciplines who contribute and share their findings to take this area forward for future investigations.

Fast and Scalable Cloud Data Management - Felix Gessert 2020-05-15

The unprecedented scale at which data is both produced and consumed today has generated a large demand for scalable data management solutions facilitating fast access from all over the world. As one consequence, a plethora of non-relational, distributed NoSQL database systems have risen in recent years and today's data management system landscape has thus become somewhat hard to overlook. As another consequence, complex polyglot designs and elaborate schemes for data distribution and delivery have become the norm for building applications that connect users and organizations across the globe - but choosing the right combination of systems for a given use case has become increasingly difficult as well. To help practitioners stay on top of that challenge, this book presents a comprehensive overview and classification of the current system landscape in cloud data management as well as a survey of the state-of-the-art approaches for efficient data distribution and delivery to end-user devices. The topics covered thus range from NoSQL storage systems and polyglot architectures (backend) over distributed transactions and Web caching (network) to data access and rendering performance in the client (end-user). By distinguishing popular data management systems by data model, consistency guarantees, and other dimensions of interest, this book provides an abstract framework for reasoning about the overall design space and the individual positions claimed by each of the systems therein. Building on

this classification, this book further presents an application-driven decision guidance tool that breaks the process of choosing a set of viable system candidates for a given application scenario down into a straightforward decision tree.

Predictive Analytics - Eric Siegel 2013-02-07

"Mesmerizing & fascinating..." —The Seattle Post-Intelligencer "The Freakonomics of big data." —Stein Kretsinger, founding executive of Advertising.com Award-winning | Used by over 30 universities | Translated into 9 languages An introduction for everyone. In this rich, fascinating — surprisingly accessible — introduction, leading expert Eric Siegel reveals how predictive analytics works, and how it affects everyone every day. Rather than a "how to" for hands-on techies, the book serves lay readers and experts alike by covering new case studies and the latest state-of-the-art techniques. Prediction is booming. It reinvents industries and runs the world. Companies, governments, law enforcement, hospitals, and universities are seizing upon the power. These institutions predict whether you're going to click, buy, lie, or die. Why? For good reason: predicting human behavior combats risk, boosts sales, fortifies healthcare, streamlines manufacturing, conquers spam, optimizes social networks, toughens crime fighting, and wins elections. How? Prediction is powered by the world's most potent, flourishing unnatural resource: data. Accumulated in large part as the by-product of routine tasks, data is the unsalted, flavorless residue deposited en masse as organizations churn away. Surprise! This heap of refuse is a gold mine. Big data embodies an extraordinary wealth of experience from which to learn. Predictive Analytics unleashes the power of data. With this technology, the computer literally learns from data how to predict the future behavior of individuals. Perfect prediction is not possible, but putting odds on the future drives millions of decisions more effectively, determining whom to call, mail, investigate, incarcerate, set up on a date, or medicate. In this lucid, captivating introduction — now in its Revised and Updated edition — former Columbia University professor and Predictive Analytics World founder Eric Siegel reveals the power and perils of prediction: What type of mortgage risk Chase Bank predicted before the recession. Predicting which people will drop out of school, cancel a subscription, or get divorced before they even know it themselves. Why early retirement predicts a shorter life expectancy and vegetarians miss fewer flights. Five reasons why organizations predict death — including one health insurance company. How U.S. Bank and Obama for America calculated — and Hillary for America 2016 plans to calculate — the way to most strongly persuade each individual. Why the NSA wants all your data: machine learning supercomputers to fight terrorism. How IBM's Watson computer used predictive modeling to answer questions and beat the human champs on TV's Jeopardy! How companies ascertain untold, private truths — how Target figures out you're pregnant and Hewlett-Packard deduces you're about to quit your job. How judges and parole boards rely on crime-predicting computers to decide how long convicts remain in prison. 183 examples from Airbnb, the BBC, Citibank, ConEd, Facebook, Ford, Google, the IRS, LinkedIn, Match.com, MTV, Netflix, PayPal, Pfizer, Spotify, Uber, UPS, Wikipedia, and more. How does predictive analytics work? This jam-packed book satisfies by demystifying the intriguing science under the hood. For future hands-on practitioners pursuing a career in the field, it sets a strong foundation, delivers the prerequisite knowledge, and whets your appetite for more. A truly omnipresent science, predictive analytics constantly affects our daily lives. Whether you are a consumer of it — or consumed by it — get a handle on the power of Predictive Analytics.

Information and Communication Technologies in Tourism 2017 - Roland Schegg 2017-01-03

This book presents state-of-the-art research into the application of information and communication technologies to travel and tourism. The range of topics covered is broad, encompassing digital marketing and social media, mobile computing and web design, semantic technologies and recommender systems, augmented and virtual reality, electronic distribution and online travel reviews, MOOC and eLearning, eGovernment, and the sharing economy. There is a particular focus on the development of digital strategies, the impact of big data, and the digital economy. In addition to the description of research advances and innovative ideas, readers will find a number of informative industrial case studies. The contents of the book are based on the 2017 ENTER eTourism conference, held in Rome. The volume will be of interest to all academics and practitioners who wish to keep abreast of the latest developments in eTourism.

ICEL2012- 7th International Conference on E-Learning - Paul Lam 2011

High-k Materials in Multi-Gate FET Devices - Shubham Tayal 2021-09-17
High-k Materials in Multi-Gate FET Devices focuses on high-k materials for advanced FET devices. It discusses emerging challenges in the engineering and applications and considers issues with associated technologies. It covers the various way of utilizing high-k dielectrics in multi-gate FETs for enhancing their performance at the device as well as circuit level. Provides basic knowledge about FET devices Presents the motivation behind multi-gate FETs, including current and future trends in transistor technologies Discusses fabrication and characterization of high-k materials Contains a comprehensive analysis of the impact of high-k dielectrics utilized in the gate-oxide and the gate-sidewall spacers on the GIDL of emerging multi-gate FET architectures Offers detailed application of high-k materials for advanced FET devices Considers future research directions This book is of value to researchers in materials science, electronics engineering, semiconductor device modeling, IT, and related disciplines studying nanodevices such as FinFET and Tunnel FET and device-circuit codesign issues.

Image Processing and Communications Challenges 5 - Ryszard S. Choraś 2013-07-19

This textbook collects a series of research papers in the area of Image Processing and Communications which not only introduce a summary of current technology but also give an outlook of potential future problems in this area. The key objective of the book is to provide a collection of comprehensive references on some recent theoretical development as well as novel applications in image processing and communications. The book is divided into two parts. Part I deals with image processing. A comprehensive survey of different methods of image processing, computer vision is also presented. Part II deals with the telecommunications networks and computer networks. Applications in these areas are considered. In conclusion, the edited book comprises papers on diverse aspects of image processing and communications systems. There are theoretical aspects as well as application papers.

Toddlers on Technology - Heather Leathers 2013-04

"Learn why interacting with an app is so fascinating to a young child. Discover what constitutes a "good app" and how to match an app to your child's temperament and learning style. Read a description of many excellent apps in our App Reviews section, and learn how to balance your child's digital work with real-life, "see-saw" activities. For parents of children under six who are concerned about their children's development in a surprisingly unfamiliar world"--Publisher's description.

100 technical questions and answers for job interview Offshore Oil & Gas Rigs - Petrogav International Oil & Gas Training Center 2020-06-30

The job interview is probably the most important step you will take in your job search journey. Because it's always important to be prepared to respond effectively to the questions that employers typically ask at a job interview Petrogav International has prepared this eBooks that will help you to get a job in oil and gas industry. Since these questions are so common, hiring managers will expect you to be able to answer them smoothly and without hesitation. This eBook contains 100 questions and answers for job interview and as a BONUS web addresses to 230 video movies for a better understanding of the technological process. This course covers aspects like HSE, Process, Mechanical, Electrical and Instrumentation & Control that will enable you to apply for any position in the Oil and Gas Industry.

Learning and Collaboration Technologies - Panayiotis Zaphiris 2015-07-18

The LNCS volume 9192 constitutes the refereed proceedings of the Second International Conference on Learning and Collaboration Technologies, LCT 2015, held as part of the 17th International Conference on Human-Computer Interaction, HCII 2015, in Los Angeles, CA, USA in August 2015, jointly with 15 other thematically similar conferences. The total of 1462 papers and 246 posters presented at the HCII 2015 conferences were carefully reviewed and selected from 4843 submissions. These papers address addressing the following major topics: technology-enhanced learning, adaptive and personalised learning and assessment, virtual worlds and virtual agents for learning, collaboration and Learning Serious Games and ICT in education.

The Routledge International Handbook of Children, Adolescents, and Media - Dafna Lemish 2022-05-31

This second, thoroughly updated edition of The Routledge International Handbook of Children, Adolescents, and Media analyzes a broad range of complementary areas of study, including children as media consumers, children as active participants in media making, and representations of children in the media. The roles that media play in the lives of children

and adolescents, as well as their potential implications for their cognitive, emotional, social, and behavioral development, have attracted growing research attention in a variety of disciplines. This handbook presents a collection that spans a variety of disciplines including developmental psychology, media studies, public health, education, feminist studies, and the sociology of childhood. Chapters provide a unique intellectual mapping of current knowledge, exploring the relationship of children and media in local, national, and global contexts. Divided into five parts, each with an introduction explaining the themes and topics covered, the handbook features over 50 contributions from leading and upcoming academics from around the globe. The revised and new chapters consider vital questions by analyzing texts, audience, and institutions, including: media and its effects on children's mental health children and the internet of toys media and digital inequalities news and citizenship in the aftermath of COVID-19 The Handbook's interdisciplinary approach and comprehensive, current, and international scope make it an authoritative, state-of-the-art guide to the field of children's media studies. It will be indispensable for media scholars and professionals, policy makers, educators, and parents.

TPACK: Breakthroughs in Research and Practice - Management Association, Information Resources 2019-02-01

Educational technologies are becoming commonplace entities in classrooms as they provide more options and support for teachers and students. However, many teachers are finding these technologies difficult to use due to a lack of training and instruction on how to effectively apply them to the classroom. TPACK: Breakthroughs in Research and Practice is an authoritative reference source for the latest research on the integration of technological knowledge, pedagogical knowledge, and content knowledge in the contexts of K-12 education. Highlighting a range of pertinent topics such as pedagogical strategies, blended learning, and technology integration, this publication is an ideal resource for educators, instructional designers, administrators, academicians, and teacher education programs seeking current findings on the implementation of technology in instructional design.

Data Integration in the Life Sciences - Christopher J.O. Baker 2013-06-22

This book constitutes the refereed proceedings of the 9th International Conference on Data Integration in the Life Sciences, DILS 2013, held in Montreal, QC, Canada, in July 2013. The 10 revised papers included in this volume were carefully reviewed and selected from 23 submissions. The papers cover a range of important topics such as algorithms for ontology matching, interoperable frameworks for text mining using semantic web services, pipelines for genome-wide functional annotation, automation of pipelines providing data discovery and access to distributed resources, knowledge-driven querying-answer systems, prisms, nanopublications, electronic health records and linked data.

Innovative Design and Development Practices in Aerospace and Automotive Engineering - Ram P. Bajpai 2016-09-17

The book presents the best articles presented by researchers, academicians and industrial experts in the International Conference on "Innovative Design and Development Practices in Aerospace and Automotive Engineering (I-DAD 2016)". The book discusses new concept designs, analysis and manufacturing technologies, where more swing is for improved performance through specific and/or multifunctional linguistic design aspects to downsize the system, improve weight to strength ratio, fuel efficiency, better operational capability at room and elevated temperatures, reduced wear and tear, NVH aspects while balancing the challenges of beyond Euro IV/Barat Stage IV emission norms, Greenhouse effects and recyclable materials. The innovative methods discussed in the book will serve as a reference material for educational and research organizations, as well as industry, to take up challenging projects of mutual interest.

Business Model Pioneers - Kai-Ingo Voigt 2016-07-28

Business model innovations are conceived and implemented by a special type of entrepreneur: business model pioneers. This book presents 14 compelling case studies of business model pioneers and their companies, who have successfully introduced new business ideas to the market. The examples range from industries such as retail, media and entertainment to services and industrial projects. For each example, the book provides information on the market environment at the time of launch and illustrates the driving forces behind these business models. Moreover, current market developments are highlighted and linked to the evolution of the business models. Lastly, the authors present the profile of a typical business model pioneer.

Mobile Learning Applications in Early Childhood Education -

Papadakis, Stamatios 2019-11-29

Mobile technologies combined with an interdisciplinary approach to knowledge and organization of learning experiences that are meaningful to children could create a creative and interactive learning environment different from that of traditional teaching. Making good use of mobile learning with appropriate devices will increase the learning motivations of the students and help them bring about positive performance. Mobile Learning Applications in Early Childhood Education is a collection of innovative research on the methods and applications of mobile learning techniques and strategies within diversified teaching settings. While highlighting topics including computational thinking, ubiquitous learning, and social development, this book is ideally designed for researchers, teachers, parents, curriculum developers, instructional designers, academicians, students, and practitioners seeking current research on the application of mobile technology within child education.

Push Button Agriculture - K. R. Krishna 2017-03-16

This book covers three main types of agricultural systems: the use of robotics, drones (unmanned aerial vehicles), and satellite-guided precision farming methods. Some of these are well refined and are currently in use, while others are in need of refinement and are yet to become popular. The book provides a valuable source of information on this developing field for those involved with agriculture and farming and agricultural engineering. The book is also applicable as a textbook for students and a reference for faculty.

The Impact of YouTube on U.S. Politics - LaChrystal D. Ricke 2014-08-14

The Impact of YouTube on U.S. Politics provides a historical, descriptive, and conceptual analysis of the broad and evolving political impact of YouTube. It specifically addresses how politicians, campaigns, the media, and the public utilize YouTube for political campaigning, communication, and engagement. The text provides a synthesized illustration of the ways in which YouTube has become a requisite political tool and normalized as a central platform for political communication in the United States. LaChrystal Ricke discusses political YouTube videos and strategies spanning across the 2006, 2008, 2010, and 2012 election cycles, and addresses the potential impact of YouTube in future U.S. elections.

Climate Justice in a Non-Ideal World - Clare Heyward 2016-08-25

Climate change is a pressing international political issue, for which a practical but principled solution is urgently required. Climate Justice in a Non-Ideal World aims to make normative theorising on climate justice more relevant and applicable to political realities and public policy. The motivation behind this edited collection is that normative theorising has something to offer even in an imperfect world mired by partial compliance and unfavourable circumstances. In the last years, a lively debate has sprung up in political philosophy about non-ideal theory and there has also been an upsurge of interest in the various normative issues raised by climate change such as intergenerational justice, transnational harm, collective action, or risk assessment. However, there has been little systematic discussion of the links between climate justice and non-ideal theory even though the former would seem like a paradigm example of the relevance of the latter. The aim of this edited volume is to address this. In doing so, the volume presents original work from leading experts on climate ethics, including several who have participated in climate policy. The first part of the book discusses those facets of the debate on climate justice that become relevant due to the shortcomings of current global action on climate change. The second part makes specific suggestions for adjusting current policies and negotiating procedures in ways that are feasible in the relatively short term while still decreasing the distance between current climate policy and the ideal. The chapters in the third and final part reflect upon how philosophical work can be brought to bear on the debates in climate science, communication, and politics.

The Solution Revolution - William D. Eggers 2013-09-17

Government Alone Can't Solve Society's Biggest Problems World hunger. Climate change. Crumbling infrastructure. It's clear that in today's era of fiscal constraints and political gridlock, we can no longer turn to government alone to tackle these and other towering social problems. What's required is a new, more collaborative and productive economic system. The Solution Revolution brings hope—revealing just such a burgeoning new economy where players from across the spectrum of business, government, philanthropy, and social enterprise converge to solve big problems and create public value. By erasing public-private sector boundaries, the solution economy is unlocking trillions of dollars in social benefit and commercial value. Where tough societal problems persist, new problem solvers are crowdfunding, ridesharing, app-

developing, or impact-investing to design innovative new solutions for seemingly intractable problems. Providing low-cost health care, fighting poverty, creating renewable energy, and preventing obesity are just a few of the tough challenges that also represent tremendous opportunities for those at the vanguard of this movement. They create markets for social good and trade solutions instead of dollars to fill the gap between what government can provide and what citizens need. So what drives the solution economy? Who are these new players and how are their roles changing? How can we grow the movement? And how can we participate? Deloitte's William D. Eggers and Paul Macmillan answer these questions and more, and they introduce us to the people and organizations driving the revolution—from edgy social enterprises growing at a clip of 15 percent a year, to megafoundations, to Fortune 500 companies delivering social good on the path to profit. Recyclebank, RelayRides, and LivingGoods are just a few of the innovative organizations you'll read about in this book. Government cannot handle alone the huge challenges facing our global society—and it shouldn't. We need a different economic paradigm that can flexibly draw on resources, combine efforts, and create value, while improving the lives of citizens. The Solution Revolution shows the way.

The Multimedia Encyclopedia of Women in Today's World - Mary Zeiss Stange 2013-01-09

This e-only volume expands and updates the original 4-volume Encyclopedia of Women in Today's World (2011), offering a wide range of new entries and new multimedia content. The entries reflect such developments as the Arab Spring that brought women's issues in the Islamic world into sharp relief, the domination of female athletes among medal winners at the London 2012 Olympics, nine more women joining the ranks of democratically elected heads of state, and much more. The 475 articles in this e-only update (accompanied by photos and video clips) supplement the themes established in the original edition, providing a vibrant collection of entries dealing with contemporary women's issues around the world.

XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 - Laura M. Roa Romero 2013-10-01

The general theme of MEDICON 2013 is "Research and Development of Technology for Sustainable Healthcare". This decade is being characterized by the appearance and use of emergent technologies under development. This situation has produced a tremendous impact on Medicine and Biology from which it is expected an unparalleled evolution in these disciplines towards novel concept and practices. The consequence will be a significant improvement in health care and well-fare, i.e. the shift from a reactive medicine to a preventive medicine. This shift implies that the citizen will play an important role in the healthcare delivery process, what requires a comprehensive and personalized assistance. In this context, society will meet emerging media, incorporated to all objects, capable of providing a seamless, adaptive, anticipatory, unobtrusive and pervasive assistance. The challenge will be to remove current barriers related to the lack of knowledge required to produce new opportunities for all the society, while new paradigms are created for this inclusive society to be socially and economically sustainable, and respectful with the environment. In this way, these proceedings focus on the convergence of biomedical engineering topics ranging from formalized theory through experimental science and technological development to practical clinical applications.

200 technical questions and answers for job interview Offshore Oil & Gas Platforms - Petrogav International Oil & Gas Training Center 2020-06-30

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Language Acquisition in CLIL and Non-CLIL Settings - Verena Möller 2017-12-15

Language Acquisition in CLIL and Non-CLIL Settings builds a bridge between Second Language Acquisition and Learner Corpus Research (LCR) methodologies to take the evaluation of Content and Language

Integrated Learning (CLIL) to a new level. The study innovates in two main ways. First, it is based on a highly diversified L2 database which includes learner corpus data as well as experimental data from the same learners. These linguistic components of the database are complemented with extensive information on learner variables, including cognitive and affective factors, which are rarely studied in LCR. Second, the study relies on multifactorial statistical analyses to assess the effectiveness of CLIL itself as well as the impact of the selectivity inherent in the CLIL system, which has frequently been ignored. The linguistic focus of the study is the English passive, which is investigated in CLIL and non-CLIL teaching materials, and subsequently related to learner output.

Understanding Digital Technologies and Young Children - Susanne Garvis 2015-09-08

Understanding Digital Technologies and Young Children explores the possibilities digital technology brings to enhance the learning and developmental needs of young children. Globally, the role of technology is an increasingly important part of everyday life. In many early childhood education frameworks and curricula around the world, there is an expectation that children are developing skills to become effective communicators and are using digital technology to investigate their ideas and represent their thinking. This means that educators throughout the world are expected to actively enhance children's learning in ways that provide learning experiences with technology that are balanced and purposeful to allow the transformation of traditional authentic learning experiences. Digital technologies can be used to explore, manipulate, discover, play and interact with real and imaginative worlds to allow active meaning making. With a wide range of expert contributors, this book provides a comprehensive examination of the current research on technology and young children and the importance of engagement for learning. This approach encourages the reader to rethink the possibilities and potential of digital technologies for learning in the early years, especially in the years before formal schooling when children might be attending early childhood settings. This will be a valuable reference for anyone looking for an international perspective on digital technology and young children, and is particularly aimed at current and future teachers.

Convenience Voting and Technology - Claire M. Smith 2014-11-26

One of modern democracy's biggest challenges is the overseas voter. This book is the first of its kind to explore the issues of military and overseas voting, an often neglected voting bloc, by investigating the successfulness of overseas voting initiatives, technologies, and policy efforts.

Renewable Energy Technologies - Nayan Kumar 2022-08-23

RENEWABLE ENERGY TECHNOLOGIES With the goal of accelerating the growth of green energy utilization for the sustainability of life on earth, this volume, written and edited by a global team of experts, goes into the practical applications that can be utilized across multiple disciplines and industries, for both the engineer and the student. Green energy resources are gaining more attention in academia and industry as one of the preferred choices for sustainable energy conversion. Due to the energy demand, environmental impacts, economic needs, and social issues, green energy resources are being researched, developed, and funded more than ever before. Researchers are facing numerous challenges, but there are new opportunities waiting for green energy resource utilization within the context of environmental and economic sustainability. Efficient energy conversion from solar, wind, biomass, fuel cells, and others are paramount to this overall mission and the success of these efforts. Written and edited by a global team of experts, this groundbreaking new volume from Scrivener Publishing presents recent advances in the study of green energy across a variety of fields and sources. Various applications of green energy resources, modeling and performance analysis, and grid integration aspects of green energy resources are considered. Not only laying out the concepts in an easy-to-understand way, but this team offers the engineer, scientist, student, or other professional practical solutions to everyday problems in their daily applications. Valuable as a learning tool for beginners in this area as well as a daily reference for engineers and scientists working in these areas, this is a must-have for any library.

Unmanned Aircraft Systems - Ella Atkins 2017-01-17

UNMANNED AIRCRAFT SYSTEMS UNMANNED AIRCRAFT SYSTEMS An unmanned aircraft system (UAS), sometimes called a drone, is an aircraft without a human pilot on board ??? instead, the UAS can be controlled by an operator station on the ground or may be autonomous in operation. UAS are capable of addressing a broad range of applications in diverse, complex environments. Traditionally employed in mainly

military applications, recent regulatory changes around the world are leading to an explosion of interest and wide-ranging new applications for UAS in civil airspace. Covering the design, development, operation, and mission profiles of unmanned aircraft systems, this single, comprehensive volume forms a complete, stand-alone reference on the topic. The volume integrates with the online Wiley Encyclopedia of Aerospace Engineering, providing many new and updated articles for existing subscribers to that work. The chapters cover the following items: Airframe configurations and design (launch systems, power generation, propulsion) Operations (missions, integration issues, and airspace access) Coordination (multivehicle cooperation and human oversight) With contributions from leading experts, this volume is intended to be a valuable addition, and a useful resource, for aerospace manufacturers and suppliers, governmental and industrial aerospace research establishments, airline and aviation industries, university engineering and science departments, and industry analysts, consultants, and researchers.

Technology and Digital Media in the Early Years - Chip Donohue 2014-08-07

A Co-Publication of Routledge and NAEYC *Technology and Digital Media in the Early Years* offers early childhood teacher educators, professional development providers, and early childhood educators in pre-service, in-service, and continuing education settings a thought-provoking guide to effective, appropriate, and intentional use of technology with young children. This book provides strategies, theoretical frameworks, links to research evidence, descriptions of best practice, and resources to develop essential digital literacy knowledge, skills and experiences for early childhood educators in the digital age. *Technology and Digital Media in the Early Years* puts educators right at the intersections of child development, early learning, developmentally appropriate practice, early childhood teaching practices, children's media research, teacher education, and professional development practices. The book is based on current research, promising programs and practices, and a set of best practices for teaching with technology in early childhood education that are based on the NAEYC/FRC Position Statement on Technology and Interactive Media and the Fred Rogers Center Framework for Quality in Children's Digital Media. Pedagogical principles, classroom practices, and teaching strategies are presented in a practical, straightforward way informed by child development theory, developmentally appropriate practice, and research on effective, appropriate, and intentional use of technology in early childhood settings. A companion website (<http://teccenter.erikson.edu/tech-in-the-early-years/>) provides additional resources and links to further illustrate principles and best practices for teaching and learning in the digital age.

Education Reform: The Unwinding of Intelligence and Creativity - Des Griffin 2013-12-19

This book pays special attention to the impact that a student's early childhood and socioeconomic status has on his or her educational achievement. It argues that discussions of education reform need a broader scope, one that encompasses a student's background as well as

standardized testing, merit pay for teachers, and other issues regarding the quality of the teaching and learning. *Education Reform: the Unwinding of Intelligence and Creativity* features cases and examples from schools in Australia, the USA, and Britain. It offers a breadth of coverage, from early childhood to effective teaching and learning to teacher pay and conditions, standardized testing and public and private (independent) schooling and universities as well as creativity. It also includes summaries of educational policies in many developed countries. Reforms which emphasize concern for early childhood, school leadership and respect for teachers are contrasted with ones based on standardized tests, private schools and sacking bad teachers.

ECSM2014-Proceedings of the European Conference on Social Media - Asher Rospigliosi 2014

The Routledge International Handbook of the Crimes of the Powerful - Gregg Barak 2015-06-05

Across the world, most people are well aware of ordinary criminal harms to person and property. Often committed by the powerless and poor, these individualized crimes are catalogued in the statistics collected annually by the FBI and by similar agencies in other developed nations. In contrast, the more harmful and systemic forms of injury to person and property committed by powerful and wealthy individuals, groups, and national states are neither calculated by governmental agencies nor annually reported by the mass media. As a result, most citizens of the world are unaware of the routinized "crimes of the powerful", even though they are more likely to experience harms and injuries from these types of organized offenses than they are from the atomized offenses of the powerless. Research on the crimes of the powerful brings together several areas of criminological focus, involving organizational and institutional networks of powerful people that commit crimes against workers, marketplaces, taxpayers and political systems, as well as acts of torture, terrorism, and genocide. This international handbook offers a comprehensive, authoritative and structural synthesis of these interrelated topics of criminological concern. It also explains why the crimes of the powerful are so difficult to control. Edited by internationally acclaimed criminologist Gregg Barak, this book reflects the state of the art of scholarly research, covering all the key areas including corporate, global, environmental, and state crimes. The handbook is a perfect resource for students and researchers engaged with explaining and controlling the crimes of the powerful, domestically and internationally.

Going Google - Jared J. Covili 2016-09-08

Unique ideas for authentic, 21st-century learning! Use this easy-access guide to discover exactly how and why Google's latest internet tools can help prepare your students for the modern workplace! Quickly scan for detailed guidance and learn: Which tools help you meet 21st century learning skills and the new ISTE Standards for Students of Google Classroom, Google Drive, Google Earth, YouTube, and more 5 major points to consider before using each tool Includes a handy glossary of tech terms, a new companion website, teacher vignettes, screen casts, project tutorials, and classroom management tips.