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7th International Scientific Conference Science and Society 日本科学者連合会第7回国際科学者会議 日本語
Women in Science and Engineering 5th International Conference on Mathematics and Natural Sciences (icmns 2014). Social
Science Research in India and the World Historical Guide to NASA and the Space Program Social Sciences and Interdisciplinary
Behavior The Social Sciences in the Asian Century Sustainable Development in Science Policy-Making Interdisciplinary Behavior
and Social Sciences Gothic Science Fiction The Year's Best Science Fiction: Thirty-Second Annual Collection Annual Report - Indian
Council of Social Science Research Science and Technology Education and Communication Advances in Chemical Mechanical
Planarization (CMP) Science and Religion The Metric Tide Recent Advances in Geographic Information System for Earth Sciences
Commerce, Justice, Science, and Related Agencies Appropriations for 2016 Geoethics Proceedings of the 2nd International
Colloquium on Sports Science, Exercise, Engineering and Technology 2015 (ICoSSEET 2015) The Expert Witness, Forensic
Science, and the Criminal Justice Systems of the UK Risk Factors for Pancreatic Cancer: Underlying Mechanisms and Potential
Targets Encyclopedia of Archival Science The Variable Mind? How Apparently Inconsistent Effects Might Inform Model Building
Language by mouth and by hand Encoding and Navigating Linguistic Representations in Memory Sustainable Governance in
Northeast Asia: Challenges for Innovation Frontier Silencing Science Focus On: 100 Most Popular American Science Fiction Films
The Best Australian Science Writing 2015 Diversity and Universality in Causal Cognition Drought: Research and Science-Policy
Interfacing The Theatrical Professoriate Intelligent Environments 2016 Mathematical and Engineering Methods in Computer
Science Domesticity in the Making of Modern Science The SAGE Encyclopedia of Cancer and Society Evolving Nature of
Objectivity in the History of Science and its Implications for Science Education Science, Conservation, and National Parks

7th International Scientific Conference Science and Society 2014

the gender gap in science technology engineering and mathematics stem varies greatly from country to country and the number of japanese women in these fields remains relatively few this prompts us to ask why the proportion of female scientists in japan is still remarkably low and what measures the government universities and research institutes are taking to address this issue this book sheds light on historical developments and the current gender equality situation in japan through the lens of women in stem it shows how a policy of gender equality in science and engineering has been introduced through the coordinated efforts of academia scientific societies and the government and how this has led to a slow but steady increase in female representation the book draws on extensive data including interviews with government officials scientists and educators in japan to provide a revealing case study on how the underrepresentation of women in the fields of science technology and engineering has been approached and dealt with by a national government it heralds a new era for female scientists by showcasing several programmes undertaken by government universities and national research institutions to support multiple career paths for and the progression of female scientists in japan tracing the historical development of japan s policies towards women in science and education this book will be welcomed by students and scholars interested in japanese studies comparative social policy gender studies employment and the history of science and technology

2017-12-07

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Japanese Women in Science and Engineering 2015-07-30

a unique and comprehensive study on social science research this book highlights the status issues roadblocks and challenges of the field in india and certain select nations of the world it conducts key cross comparisons with existing literature in the area and discusses aid policies and decisions funding dynamics and quality of research as well as assessment systems in social science

research

5th International Conference on Mathematics and Natural Sciences (icmns 2014). 2015

nasa the national aeronautics and space administration created in the wake of the space act has and continues to accomplish those precepts every day with many hundreds of satellites launched into space and close to 200 human spaceflights nasa is a proven leader in space exploration most of the us space exploration efforts have been led by nasa including the apollo moon landing missions the skylab space station and later the space shuttle currently nasa is supporting the international space station and is overseeing the development of the orion multi purpose crew vehicle the space launch system and commercial crew vehicles nasa is also responsible for the launch services program which provides oversight of launch operations and countdown management for unmanned nasa launches the historical guide to nasa and the space program contains a chronology an introduction appendixes and an extensive bibliography the dictionary section has over 500 cross referenced entries on space missions astronauts technical terms space shuttles satellites and the international space station this book is an excellent access point for students researchers and anyone wanting to know more about nasa and space exploration

Social Science Research in India and the World 2015-05-15

social sciences and interdisciplinary behavior contains papers that were originally presented at the 4th international congress on interdisciplinary behavior and social science 2015 icibsos 2015 held 22 23 october 2015 at the institute of management economics and finance of the kazan federal university kazan russia and 7 8 november 2015 in arya duta hotel jakarta indonesia the contributions deal with various interdisciplinary research topics particularly in the fields of social sciences education economics and arts the papers focus especially on such topics as language cultural studies economics behavior studies political sciences media and communication psychology and human development

Historical Guide to NASA and the Space Program 2016-09-09

in this collection of essays we reflect on what it means to practise the social sciences in the twenty first century the book brings together leading social scientists from the asia pacific region we argue for the benefit of dialogue between the diverse theories and methods of social sciences in the region the role of the social sciences in addressing real world problems the need to transcend national boundaries in addressing regional problems and the challenges for an increasingly globalised higher education

sector in the twenty first century the chapters are a combination of theoretical reflections and locally focused case studies of processes that are embedded in global dynamics and the changing geopolitics of knowledge in an increasingly connected world these reflections will be of global relevance

Social Sciences and Interdisciplinary Behavior 2016-09-19

new knowledge created in international cooperation is essential for global sustainability set against this background this study focuses on german science policy for research cooperation with developing countries and emerging economies in sustainability research based on interviews with policy makers and researchers the book scrutinizes the actors processes and contents of science policy in germany the author argues that science policy mainly aims at german economic benefits and technology development this however negatively influences global sustainability to counter existing path dependencies the author provides recommendations for sustainability oriented scientific practice and science policy

The Social Sciences in the Asian Century 2015-09-30

the human aspect plays an important role in the social sciences the behavior of people has become a vital area of focus in the social sciences as well interdisciplinary behavior and social sciences contains papers that were originally presented at the 3rd international congress on interdisciplinary behavior and social science 2014 icibsos 2014

Sustainable Development in Science Policy-Making 2019-09-30

gothic science fiction explores the fascinating world of gothic influenced science fiction from frankenstein to doctor who and from h g wells to stephen king the book charts the rise of a genre and follows the descent into darkness that consumes it

Interdisciplinary Behavior and Social Sciences 2015-02-27

in the new millennium what secrets lay beyond the far reaches of the universe what mysteries belie the truths we once held to be self evident the world of science fiction has long been a porthole into the realities of tomorrow blurring the line between life and art now in the year s best science fiction thirty second annual collection the very best sf authors explore ideas of a new world this venerable collection brings together award winning authors and masters of the field such as robert reed alastair reynolds damien broderick elizabeth bear paul mcauley and john barnes and with an extensive recommended reading guide and a summation of

the year in science fiction this annual compilation has become the definitive must read anthology for all science fiction fans and readers interested in breaking into the genre

Gothic Science Fiction 2015-05-25

science technology education on the one hand and communication on the other are to a large extent still separate worlds and many opportunities for synergy and cross fertilisation are yet unused this divide is unfortunate since educators need communication skills and communicators often use aspects of education in their strategies moreover innovation processes in both domains ask for education and communication insights and skills therefore scholars and practitioners in both domains must seek connections and synergy by exchanging insights and ideas this book discusses the shared aims of science technology education and communication such as science literacy and engagement as well as common processes and challenges such as social learning social design and professionalisation and assessment aims processes and challenges that inspire enhance and deepen the education and communication synergy from a theoretical and practical side if one reads the various chapters and reflects on them from one's own perspective as a scholar or practitioner the question is no longer if cross fertilisation and synergy are needed but when are we seriously going to take up this challenge together this book aims to initiate the dialogue that the situation in the development of the topic requires at this point

The Year's Best Science Fiction: Thirty-Second Annual Collection 2015-07-07

advances in chemical mechanical planarization cmp provides the latest information on a mainstream process that is critical for high volume high yield semiconductor manufacturing and even more so as device dimensions continue to shrink the technology has grown to encompass the removal and planarization of multiple metal and dielectric materials and layers both at the device and the metallization levels using different tools and parameters requiring improvements in the control of topography and defects this important book offers a systematic review of fundamentals and advances in the area part one covers cmp of dielectric and metal films with chapters focusing on the use of particular techniques and processes and on cmp of particular various materials including ultra low k materials and high mobility channel materials and ending with a chapter reviewing the environmental impacts of cmp processes part two addresses consumables and process control for improved cmp and includes chapters on the preparation and characterization of slurry diamond disc pad conditioning the use of ftir spectroscopy for characterization of surface processes and approaches for defection characterization mitigation and reduction considers techniques and processes for cmp of dielectric and metal films includes chapters devoted to cmp for particular materials addresses consumables and process control for improved cmp

Annual Report - Indian Council of Social Science Research 2014

today we hear renewed calls for a dialogue between science and religion why has the old question of the relations between science and religion now returned to the public domain and what is at stake in this debate to answer these questions historian and sociologist of science yves gingras retraces the long history of the troubled relationship between science and religion from the condemnation of galileo for heresy in 1633 until his rehabilitation by john paul ii in 1992 he reconstructs the process of the gradual separation of science from theology and religion showing how god and natural theology became marginalized in the scientific field in the eighteenth and nineteenth centuries in contrast to the dominant trend among historians of science gingras argues that science and religion are social institutions that give rise to incompatible ways of knowing rooted in different methodologies and forms of knowledge and that there never was and cannot be a genuine dialogue between them wide ranging and authoritative this new book on one of the fundamental questions of western thought will be of great interest to students and scholars of the history of science and of religion as well as to general readers who are intrigued by the new and much publicized conversations about the alleged links between science and religion

Science and Technology Education and Communication 2016-11-25

represents the culmination of an 18 month long project that aims to be the definitive review of this important topic accompanied by a scholarly literature review some new analysis and a wealth of evidence and insight the report is a tour de force a once in a generation opportunity to take stock dr steven hill head of policy hefce lse impact of social sciences blog a must read if you are interested in having a deeper understanding of research culture management issues and the range of information we have on this field it should be disseminated and discussed within institutions disciplines and other sites of research collaboration dr meera sabaratnam lecturer in international relations at the school of oriental and african studies university of london lse impact of social sciences blog metrics evoke a mixed reaction from the research community a commitment to using data and evidence to inform decisions makes many of us sympathetic even enthusiastic about the prospect of granular real time analysis of our own activities yet we only have to look around us at the blunt use of metrics to be reminded of the pitfalls metrics hold real power they are constitutive of values identities and livelihoods how to exercise that power to positive ends is the focus of this book using extensive evidence gathering analysis and consultation the authors take a thorough look at potential uses and limitations of research metrics and indicators they explore the use of metrics across different disciplines assess their potential contribution to the development of research excellence and impact and consider the changing ways in which universities are using quantitative indicators in their management systems finally they consider the negative or unintended effects of metrics on various aspects of research culture including an updated introduction from james wilson the book proposes a framework for responsible metrics and makes a series of targeted recommendations to show how responsible metrics can be applied in research management by

fundlers and in the next cycle of the research excellence framework the metric tide is certainly rising unlike king canute we have the agency and opportunity and in this book a serious body of evidence to influence how it washes through higher education and research

Advances in Chemical Mechanical Planarization (CMP) 2016-01-09

geographic information systems giss have played a vital role in earth sciences by providing a powerful means of observing the world and various tools for solving complex problems the scientific community has used giss to reveal fascinating details about the earth and other planets this book on recent advances in gis for earth sciences includes 12 publications from esteemed research groups worldwide the research and review papers in this book belong to the following broad categories earth science informatics geoinformatics mining hydrology natural hazards and society

Science and Religion 2017-06-16

this special publication will be an important tool for geoscientists aimed at increasing the awareness of their societal role and responsibility in conducting education research and practice activities what are the responsibilities of a geoscientist and what motivations are needed to push geoscientists to practice the earth sciences in an ethical way the major environmental challenges affecting human communities require not only a strictly scientific and technical preparation by the geoscientists but also a reflection on their broader obligations towards society it is important that geoscientists consider geoethics as an indispensable framework on which to base their training and activity the principles of geoethics can guide them to pursue the common good by weighing the benefits and costs of each choice and identifying eco friendly and society friendly solutions that guarantee the respect of the right balance between human life and the dynamics of the earth communication and dissemination of geosciences should become core activities in building a knowledge based society which is able better to protect itself and the earth ecosystems in order to guarantee a life in harmony with our planet for future generations

The Metric Tide 2016-01-20

the proceeding is a collection of research papers presented at the 2nd international colloquium on sports science exercise engineering and technology icosseet2015 a conference dedicated to address the challenges in the areas of sports science exercise sports engineering and technology including other areas of sports thereby presenting a consolidated view to the interested researchers in the aforesaid fields the goal of this conference was to bring together researchers and practitioners from academia and industry to focus on the scope of the conference and establishing new collaborations in these areas the topics of

interest are in mainly 1 sports and exercise science 2 sports engineering and technology application 3 sports industry and management

Recent Advances in Geographic Information System for Earth Sciences **2020-06-23**

the global nature of crime often requires expert witnesses to work and present their conclusions in courts outside their home jurisdiction with the corresponding need for them to have an understanding of the different structures and systems operating in other jurisdictions this book will be a resource for uk professionals as well as those from overseas testifying internationally as to the workings of all uk jurisdictions it also will help researchers and students to better understand the uk legal system

Commerce, Justice, Science, and Related Agencies Appropriations for 2016 **2015**

pancreatic cancer has been and still is one of the deadliest types of human malignancies the annual mortality rates almost equal incidence rates making this disease virtually universally fatal the 5 year survival of patients with pancreatic cancer is a dismal 5 or less therapeutic strategies are extremely limited with gemcitabine extending the survival by a disappointing few weeks the failure of several randomized clinical trials in the past decade investigating the therapeutic efficacy of different mono and combination therapies reflects our limited knowledge of pancreatic cancer biology in addition biomarkers for early detection are sorely missing several pancreatic cancer risk factors have been identified unfortunately the underlying mechanisms linking these risk factors to cancer development are poorly understood well known possible and probable risk factors for the development of pancreatic cancer are age smoking chronic pancreatitis obesity and type 2 diabetes mellitus age is certainly of the most important risk factors as most cases of pancreatic cancer occur in the elderly population smoking ten cigarettes a day increases the risk by 2 6 times and smoking a pack per day increases it by 5 folds chronic pancreatitis increases the risk of pancreatic cancer by up to 13 times patients with hereditary forms of chronic pancreatitis have an even higher risk obesity a growing global health problem increases the risk of pancreatic cancer by about 1 5 fold type 2 diabetes mellitus is also associated with an increased risk of pancreatic cancer by at least two fold the more recent the onset of diabetes the stronger the correlation with pancreatic cancer is in addition heavy alcohol drinking a family history of the disease male gender and african american ethnicity are other risk factors for pancreatic cancer pancreatic cancer is characterized by several genetic alterations including mutations in the kras proto oncogene and mutations in the tumor suppressor genes p53 and p16 while kras mutations are currently thought as early events present in a certain percentage of pancreatic intraepithelial neoplasias panins known precursor lesions of

pancreatic ductal adenocarcinomas mutations in tumor suppressor genes e.g. p53 seem to accumulate later during progression in addition several intracellular signaling pathways are amplified or enhanced including the mapk erk and pi3k akt signaling modules overall these genetic alterations lead to enhanced and sustained proliferation resistance to cell death invasive and metastatic potential and angiogenesis all hallmarks of cancers the scope of this research topic is to collect data and knowledge of how risk factors increase the risk of initiation progression of pancreatic cancer of particular interest are potential underlying molecular mechanisms understanding the molecular mechanisms and driving signaling pathways will ultimately allow the development of targeted interventions to disrupt the risk factor induced cancer development this research topic is interested in a broad range of risk factors including genetic and environmental and welcomes original papers mini and full reviews and hypothesis papers manuscripts that address the effect of combination of risk factors on pancreatic cancer development and progression are of great interest as well

Geoethics 2015-08-24

here is the first ever comprehensive guide to archival concepts principles and practices encyclopedia of archival science features 154 entries which address every aspect of archival professional knowledge these entries range from traditional ideas like appraisal and provenance to today's challenges digitization and digital preservation they present the thoughts of leading luminaries like ernst posner margaret cross norton and philip brooks as well as those of contemporary authors and rising scholars historical and ethical components of practice are infused throughout the work edited by luciana duranti from the university of british columbia and patricia c franks from san josé state university this landmark work was overseen by an editorial board comprised of leading archivists and archival educators from every continent adrian cunningham queensland state archives australia fiorella foscarini university of toronto and university of amsterdam pat galloway university of texas at austin shadrack katu international atomic energy agency giovanni michetti university of rome la sapienza ken thibodeau national archives and records administration us and geoffrey yeo university college london uk

Proceedings of the 2nd International Colloquium on Sports Science, Exercise, Engineering and Technology 2015 (ICoSSEET 2015) 2015-11-05

model building is typically based on the identification of a set of established facts in any given field of research insofar as the model is then evaluated on how well it accounts for these facts psychology and specifically visual word identification and reading is no exception in this sense e.g. amenta crepaldi 2012 coltheart et al 2001 grainger jacobson 1996 what counts as an established fact however was never discussed in great detail it was typically considered for example that experimental effects need to

replicate across e.g. individuals, experimental settings and languages if they are to be believed. The emphasis was on consistency perhaps under a tacit assumption that the universal principles lying behind our cognitive structures determine our behaviour for the most part or at least for that part that is relevant for model building. There are signs that a different approach is growing up in reading research on a theoretical ground. Dennis Norris (Bayesian Reader, 2006, 2009) has advanced the idea that models can dispense of static forms of representation, i.e. fixed architectures, and process information in a way that is dynamically constrained by context-specific requirements. Ram Frost (2012) has focused on language-specific constraints in the development of general theories of reading on an empirical ground. The most notable recent advance in visual word identification concerns the demonstration that some previously established in the classic sense effects depend heavily on language. Velan and Frost (2011) task, e.g. Duñabeitia et al. (2011), Marelli et al. (2013), Kinoshita and Norris (2009) or even individual differences (Andrews et al., 2012, 2013). Variability has become an intrinsic and informative aspect of cognitive processing rather than a sign of experimental weakness. This research topic aims at moving forward in this new direction by providing an outlet for experimental and theoretical papers that i) explore more in depth the theoretical basis for considering variability as an intrinsic property of the human cognitive system, ii) highlight new context-dependent experimental effects in a way that is informative on the dynamics of the underlying cognitive processing, iii) shed new light on known context-dependent experimental effects again in a way that enhances their theoretical informativeness.

The Expert Witness, Forensic Science, and the Criminal Justice Systems of the UK 2019-04-24

While most natural languages rely on speech, humans can spontaneously generate comparable linguistic systems that utilize manual gestures. This collection of papers examines the interaction between natural language and its phonetic vessels, human speech or manual gestures. We seek to identify what linguistic aspects are invariant across signed and spoken languages and determine how the choice of the phonetic vessel shapes language structure, its processing, and its neural implementation. We welcome rigorous empirical studies from a wide variety of perspectives ranging from behavioral studies to brain analyses, diverse ages from infants to adults, and multiple languages, both conventional and emerging, home signs and sign languages.

Risk Factors for Pancreatic Cancer: Underlying Mechanisms and Potential Targets 2015-04-22

Successful speaking and understanding requires mechanisms for reliably encoding structured linguistic representations in memory and for effectively accessing information in those representations. Later, studying the time course of real-time linguistic

dependency formation provides a valuable tool for uncovering the cognitive and neural basis of these mechanisms this volume draws together multiple perspectives on encoding and navigating structured linguistic representations to highlight important empirical insights and to identify key priorities for new research in this area

Encyclopedia of Archival Science 2015-06-17

this book is a printed edition of the special issue sustainable governance in northeast asia challenges for innovation frontier that was published in sustainability

The Variable Mind? How Apparently Inconsistent Effects Might Inform Model Building 2016-10-31

the nuclear meltdown at fukushima the fonterra botulism scare the christchurch earthquakes in all these recent crises the role played by scientists has been under the spotlight what is the first duty of scientists in a crisis to the government to their employer or to the wider public desperate for information and what if these different objectives clash in this penetrating bwb text leading scientist shaun hendy finds that in new zealand the public obligation of the scientist is often far from clear and that there have been many disturbing instances of scientists being silenced experts who have information the public seeks he finds have been prevented from speaking out his own experiences have led him to conclude that new zealanders have few scientific institutions that feel secure enough to criticise the government of the day

Language by mouth and by hand 2015-05-11

the annual collection celebrating the finest australian science writing of the year how does dust connect the cosmos with our bed sheets why do lobsters do the mexican wave backwards and what makes us feel wetness when there s no such thing as wet nerve receptors now in its fifth year the best australian science writing 2015 draws on the knowledge and insight of australia s brightest thinkers in examining the world around us from our obsession with mars to the mating habits of fish this lively collection covers a range of topics and delights in challenging our perceptions of the planet we think we know

Encoding and Navigating Linguistic Representations in Memory 2017-03-22

causality is one of the core concepts in any attempt to make sense of the world and the explanations people come up with shape their judgments emotions intentions and actions this renders causal cognition a core topic for the social as well as the cognitive sciences in the past however research has been split into diverging paradigms each pertaining to a distinct sub discipline and focusing on a specific domain thus creating a rather fragmented picture of causal cognition furthermore most of this previous research paid only incidental attention to culture as a possibly constitutive factor leaving important questions unanswered is causality always perceived in the same way are causal explanations affected by the concepts to which people refer and or the language they use is causal cognition domain specific and if so how does it differ from agency construal is causal reasoning always based on the same cognitive mechanisms or does the cultural background of people shape how they process respective information and perhaps even their willingness to search for causal explanations in the first place by soliciting contributions that address questions like these this research topic aimed at assessing the extent to which causal cognition may vary across species cultures or individuals at various stages of their development and at integrating different perspectives across a broad range of disciplines originating from the work of a research group funded by the center for interdisciplinary research zif at bielefeld university germany the scope of this research topic was broadened by inviting additional contributions from researchers with expertise in different fields of causal cognition agency construal and or cultural impacts on cognition in order to fully exploit the potential of cognitive science we explicitly encouraged submissions from scholars from all its classic sub disciplines i e anthropology artificial intelligence linguistics neuroscience philosophy psychology as well as scholars from comparative psychology cognitive archeology economics and any other discipline interested in causal cognition we welcomed empirical findings as well as theoretical contributions with an emphasis on those factors that do or may constrain trigger or shape the way in which humans and other primates think about causal relationships and inform us about both the diversity and the universality of causal cognition

Sustainable Governance in Northeast Asia: Challenges for Innovation Frontier 2018-09-21

droughts occur in arid and semi arid areas of the world but also in humid areas and can develop over short periods flash drought or longer periods seasons decades even though progress has been made it remains difficult to adequately characterize monitor forecast and manage droughts due to their multi faceted nature usually drought does

Silencing Science 2016-05-12

this book argues that today's professoriate has become increasingly theatrical largely as a result of neoliberal policies in higher education but also in response to an anti intellectual scrutiny that has become pervasive throughout the western world the theatrical professoriate contemporary higher education and its academic dramas examines how the western professoriate increasingly finds itself enacting command performances that utilize scripting characterization surrogation and spectacle the hallmarks of theatricality toward neoliberal ends roxworthy explores how the theatrical nature of today's professoriate and the resultant glut of performances about academia on stage and screen have contributed to a highly ambivalent public fascination with academia she further documents the theatrical turn witnessed in american higher education as academic institutions use performance to intervene in the diversity issues and disciplinary disparities fueled by neoliberalism by analyzing academic dramas and their audience reception alongside theoretical approaches the author reveals how contemporary academia drives the professoriate to perform in what seem like increasingly artificial ways ideal for practitioners and students of education ethnic and science studies the theatrical professoriate deftly intervenes in performance studies still unsettled debates over the differential impact of live versus mediated performances

Focus On: 100 Most Popular American Science Fiction Films 2015-11-01

the term intelligent environments iies refers to physical spaces in which it and other pervasive computing technologies are combined and used to achieve specific goals for the user the environment or both the ultimate objective of iies is to enrich user experience improve management of the environment in question and increase user awareness this book presents the proceedings of the following workshops which formed part of the 12th international conference on intelligent environments ie16 held in london uk in september 2016 the 5th international workshop on smart offices and other workplaces soow 16 the 5th international workshop on the reliability of intelligent environments worie 16 the 1st international workshop on legal issues in intelligent environments liie 2016 the 2nd international symposium on future intelligent educational environments and learning sofiee 16 the 2nd international workshop on future internet and smart networks fi sn 2016 the international workshop on intelligent environments supporting healthcare and well being wishwell 2016 the international workshop on computation sustainability technologies and applications costa 2016 the creative science 2016 cs 16 and cloud of things 2016 cot 16 the workshop on wireless body area networks for personal monitoring in intelligent environments wban pmie and the physical computing workshop the workshops focused on the development of advanced intelligent environments as well as newly emerging and rapidly evolving topics emphasizing the multi disciplinary and transversal aspects of iies as well as cutting edge topics the book will be of interest to all those whose work involves them in the use of intelligent environments

The Best Australian Science Writing 2015 2017-12-12

this volume contains the post conference proceedings of the 10th doctoral workshop on mathematical and engineering methods in computer science memics 2015 held in telč czech republic in october 2015 the 10 thoroughly revised full papers were carefully selected out of 25 submissions and are presented together with 3 invited papers the topics covered include security and safety bioinformatics recommender systems high performance and cloud computing and non traditional computational models quantum computing etc ioinformatics recommender systems high performance and cloud computing non traditional computational models quantum etc

Diversity and Universality in Causal Cognition 2015-02-12

the history of the modern sciences has long overlooked the significance of domesticity as a physical social and symbolic force in the shaping of knowledge production this book provides a welcome reorientation to our understanding of the making of the modern sciences globally by emphasizing the centrality of domesticity in diverse scientific enterprises

Drought: Research and Science-Policy Interfacing 2019-12-06

the first edition of the encyclopedia of cancer and society was published in 2007 and received a 2008 editors choice award from booklist it served as a general non technical resource focusing on cancer from the perspective of the social and behavioral sciences exploring social and economic impacts the business of cancer advertising of drugs and treatment centers how behavior change could offer great potential for cancer prevention environmental risks food additives and regulation the relation between race and ethnicity and cancer risk socioeconomic status controversies both scientific and political in cancer treatment and research country by country entries on cancer around the world and more given various developments in the field including new drug treatments political controversies over use of the vaccines gardasil and cervarix with young girls to prevent cervical cancer and unexpected upticks in the prevalence of adult smoking within the u s following decades of decline the sage encyclopedia of cancer and society second edition serves as an updated and more current encyclopedia that addresses concerns pertaining to this topic key features approximately half of the 700 first edition articles revised and updated 30 new entries covering new developments since 2006 signed entries with cross references further readings accompanied by pedagogical elements new reader s guide updated chronology resource guide glossary and through new index the sage encyclopedia of cancer and society second edition serves as a reliable and precise source for students and researchers with an interest in social and behavioral sciences and seeks to better understand the continuously evolving subject matter of cancer and society

The Theatrical Professoriate 2016-10-12

this book explores the evolving nature of objectivity in the history of science and its implications for science education it is generally considered that objectivity certainty truth universality the scientific method and the accumulation of experimental data characterize both science and science education such universal values associated with science may be challenged while studying controversies in their original historical context the scientific enterprise is not characterized by objectivity or the scientific method but rather controversies alternative interpretations of data ambiguity and uncertainty although objectivity is not synonymous with truth or certainty it has eclipsed other epistemic virtues and to be objective is often used as a synonym for scientific recent scholarship in history and philosophy of science has shown that it is not the experimental data baconian orgy of quantification but rather the diversity plurality in a scientific discipline that contributes toward understanding objectivity history of science shows that objectivity and subjectivity can be considered as the two poles of a continuum and this dualism leads to a conflict in understanding the evolving nature of objectivity the history of objectivity is nothing less than the history of science itself and the evolving and varying forms of objectivity does not mean that one replaced the other in a sequence but rather each form supplements the others this book is remarkable for its insistence that the philosophy of science and in particular that discipline s analysis of objectivity as the supposed hallmark of the scientific method is of direct value to teachers of science meticulously yet in a most readable way mansoor niaz looks at the way objectivity has been dealt with over the years in influential educational journals and in textbooks it s fascinating how certain perspectives fade while basic questions show no sign of going away there are few books that take both philosophy and education seriously this one does roald hoffmann cornell university chemist writer and nobel laureate in chemistry

Intelligent Environments 2016 2016-02-03

an eclectic enjoyable mix of literature reviews personal experience and case studies and practical advice from leaders in their subdisciplines eleanor j sterling chief conservation scientist center for biodiversity conservation american museum of natural history with the us national park service over one hundred years old parks and protected areas worldwide are under increasing threat from storms and fires of greater severity plant and animal extinctions the changing attitudes of a public that has become more urbanized and the political pressures of narrow special interest groups in the face of such rapid environmental and cultural changes science conservation and national parks gathers a group of renowned scholars including edward o wilson jane lubchenco thomas dietz and monica turner who address these problems and in the hope of securing a future for protected areas that will push forward the frontiers of biological physical and social science in and for parks contributors provide answers to a number of key conservation questions such as how should stewardship address climate change urban encroachment and pollution and invasive species how can society especially youth become more engaged with nature and parks what are appropriate

conservation objectives for parks in the anthropocene charting a course for the parks of the next century science conservation and national parks catalyzes the continued evolution of us park conservation policy and serves as an inspiration for parks conservation and management worldwide offers a refreshing holistic treatment of the linkages and mutual dependencies between parks and science compelling william b monahan usda forest service and formerly of the us national park service this is a testament to what can be achieved by determined conservationists biodiversity and conservation journal

Mathematical and Engineering Methods in Computer Science 2016-01-26

Domesticity in the Making of Modern Science 2015-08-12

The SAGE Encyclopedia of Cancer and Society 2017-10-26

Evolving Nature of Objectivity in the History of Science and its Implications for Science Education 2017-01-13

Science, Conservation, and National Parks

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