

Invariance Websters Timeline History 1859 2007

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Archaeology - Bjørnar Olsen 2012-11-19
“This book exhorts the reader to embrace the materiality of archaeology by recognizing how every step in the discipline’s scientific processes involves interaction with myriad physical

artifacts, ranging from the camel-hair brush to profile drawings to virtual reality imaging. At the same time, the reader is taken on a phenomenological journey into various pasts, immersed in the lives of peoples from other

times, compelled to engage their senses with the sights, smells, and noises of the publics and places whose remains they study. This is a refreshingly original and provocative look at the meaning of the material culture that lies at the foundation of the archaeological discipline.”—Michael Brian Schiffer, author of *The Material Life of Human Beings* “This volume is a radical call to fundamentally rethink the ontology, profession, and practice of archaeology. The authors present a closely reasoned, epistemologically sound argument for why archaeology should be considered the discipline of things, rather than its more commonplace definition as the study of the human past through material traces. All scholars and students of archaeology will need to read and contemplate this thought-provoking book.”—Wendy Ashmore, Professor of Anthropology, UC Riverside “A broad, illuminating, and well-researched overview of theoretical problems pertaining to archaeology.

The authors make a calm defense of the role of objects against tedious claims of 'fetishism.'”—Graham Harman, author of *The Quadruple Object*

The Semantic Sphere 1 - Pierre Lévy
2013-01-22

The new digital media offers us an unprecedented memory capacity, an ubiquitous communication channel and a growing computing power. How can we exploit this medium to augment our personal and social cognitive processes at the service of human development? Combining a deep knowledge of humanities and social sciences as well as a familiarity with computer science issues, this book explains the collaborative construction of a global hypercortex coordinated by a computable metalanguage. By recognizing fully the symbolic and social nature of human cognition, we could transform our current opaque global brain into a reflexive collective intelligence.

Invisible Sun - Charles Stross 2021-09-28

The alternate timelines of Charles Stross' Empire Games trilogy have never been so entangled than in *Invisible Sun*—the techno-thriller follow up to *Dark State*—as stakes escalate in a conflict that could spell extermination for humanity across all known timelines. An inter-timeline coup d'état gone awry. A renegade British monarch on the run through the streets of Berlin. And robotic alien invaders from a distant timeline flood through a wormhole, wreaking havoc in the USA. Can disgraced worldwalker Rita and her intertemporal extraordinaire agent of a mother neutralize the livewire contention before it's too late? At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Variation in Time and Space - Anna

Čermáková 2020-12-07

Variation in Time and Space: Observing the World through Corpora is a collection of articles

that address the theme of linguistic variation in English in its broadest sense. Current research in English language presented in the book explores a fascinating number of topics, whose unifying element is the corpus linguistic methodology. Part I of this volume, *Meaning in Time and Space*, introduces the two dimensions of variation - time and space - relating them to the negotiation of meaning in discourse and questions of intertextuality. Part II, *Variation in Time*, approaches the English language from a diachronic point of view; the time periods covered vary considerably, ranging from 16th century up to present-day; so do the genres explored. Part III, *Variation in Space*, focuses on global varieties of English and includes a contrastive point of view. The range of topics is again broad - from specific lexico-grammatical structures to the variation in academic English, combining the regional and genre dimensions of variation. This is a timely volume that shows the breadth and depth in current corpus-based

research of English.

The Foundations of U. S. Air Doctrine - the Problem of Friction in War - Barry Watts
2012-08-01

FROM THE AUTHOR: This study revolves around friction, meaning the ubiquitous uncertainties and inescapable difficulties that form the atmosphere of real war. More specifically, it attempts to utilize the Clausewitzian concept of general friction as a basis for assessing-and, if necessary, reshaping-the foundations of US air doctrine. This critical application of friction gives rise to four primary conclusions: (1) The key assumptions underlying mainstream US doctrine for conventional air warfare have not evolved appreciably since Air Corps Tactical School (ACTS) theorists elaborated their theory of precision, industrial bombardment during the 1930s. (2) Judged by their essential premises and logic, post-Hiroshima theories of deterrence are little more than an updating for the nuclear age of ACTS

bombardment doctrine. (3) Both ACTS bombardment doctrine and deterrence theory appear fundamentally flawed insofar as they omit the frictional considerations that distinguish real war from war on paper. (4) Reflection upon the extent to which friction pervades the elemental processes of actual combat suggests that the range of situations in which greater numbers or superior weapons guarantee victory is relatively limited; even in the age of thermonuclear weapons, the outcomes of battles still turn, more often than not, on the character and intelligence of a few brave individuals. The first step in giving substance to these claims is to explain what the central beliefs of US airmen traditionally have been. The reader should be warned, however, that I have approached the writings on war of airmen like Major General Haywood S. Hansell, Jr., and nuclear strategists like Bernard Brodie-as well as those of Carl von Clausewitz himself-from the perspective of two interrelated

questions. What overriding assumptions about war did these individuals embrace? And what image of war as a total phenomenon is bound up in their assumptions? In large part, answering these questions is a matter of historical inquiry and, to be candid, I have been far less concerned with writing history for its own sake than with using the past to illuminate the problems of the present. I, therefore, leave it to the reader to judge whether I have managed to do so without injuring the historical record. Air University Press.

Graphesis - Johanna Drucker 2014

Fusing digital humanities with media studies and graphic design history, Graphesis offers a critical language for analysis of graphical knowledge and argues for studying visuality from a humanistic perspective, exploring how graphic languages can serve fields where qualitative judgments take priority over quantitative statements of fact.

Observing the Oceans in Real Time - R.

Venkatesan 2017-11-17

This book provides contributions from leading experts on the integration of novel sensing technologies to yield unprecedented observations of coupled biological, chemical, and physical processes in the ocean from the macro to micro scale. Authoritative entries from experts around the globe provide first-hand information for oceanographers and researchers looking for solutions to measurement problems. Ocean observational techniques have seen rapid advances in the last few years and this book addresses the need for a single overview of present and future trends in near real time and real time. First the past, present and future scenarios of ocean observational tools and techniques are elucidated. Then this book divides into three modes of ocean observations: surface, upper ocean and deep ocean. This is followed by data quality and modelling. Collecting a summary of methods and applications, this book provides first-hand

information for oceanographers and researchers looking for solutions to measurement problems. This book is also suitable for final year undergraduate students or beginning graduate students in ocean engineering, oceanography and various other engineering students (such as Mechanical, Civil, Electrical, and Bioengineering) who are interested in specializing their skills towards modern measurements of the ocean.

A History of the English Language - Elly van Gelderen 2014-04-03

The English language in its complex shapes and forms changes fast. This thoroughly revised edition has been refreshed with current examples of change and has been updated regarding archeological research. Most suggestions brought up by users and reviewers have been incorporated, for instance, a family tree for Germanic has been added, Celtic influence is highlighted much more, there is more on the origin of Chancery English, and

internal and external change are discussed in much greater detail. The philosophy of the revised book remains the same with an emphasis on the linguistic history and on using authentic texts. My audience remains undergraduates (and beginning graduates). The goals of the class and the book are to come to recognize English from various time periods, to be able to read each stage with a glossary, to get an understanding of typical language change, internal and external, and to understand something about language typology through the emphasis on the change from synthetic to analytic. This book has a companion website:

<http://dx.doi.org/10.1075/z.183.website>

The Oxford Handbook of the Five Factor Model - Thomas A. Widiger 2017

The Five Factor Model, which measures individual differences on extraversion, agreeableness, conscientiousness, emotional stability, and openness to experience, is arguably the most prominent dimensional model

of general personality structure. In fact, there is now a considerable body of research supporting its construct validity and practical application in clinical, health, and organizational settings. Taking this research to the forefront, The Oxford Handbook of the Five Factor Model showcases the work of expert researchers in the field as they each offer important insight and perspective on all that is known about the Five Factor Model to date. By establishing the origins, foundation, and predominance of the Five Factor Model, this Handbook will focus on such areas as construct validity, diagnosis and assessment, personality neuroscience, and how the Five Factor Model operates in business and industry, animal personality, childhood temperament, and clinical utility.

The Handbook of Historical Linguistics - Brian Joseph 2008-04-15

The Handbook of Historical Linguistics provides a detailed account of the numerous issues, methods, and results that characterize current

work in historical linguistics, the area of linguistics most directly concerned with language change as well as past language states. Contains an extensive introduction that places the study of historical linguistics in its proper context within linguistics and the historical sciences in general Covers the methodology of historical linguistics and presents sophisticated overviews of the principles governing phonological, morphological, syntactic, and semantic change Includes contributions from the leading specialists in the field

“Ye Shall Know Them by Their Fruits” -

Jason García Portilla 2021-10-01

Why are historically Catholic countries and regions generally more corrupt and less competitive than historically Protestant ones? How has institutionalization of religion influenced the prosperity of countries in Europe and the Americas? This open access book addresses these critical questions by elucidating the hegemonic and emancipatory religious

factors leading to these dissimilarities between countries. The book features up-to-date mixed methods from interdisciplinary research contributing to existing studies in the sociology of religion field by demonstrating—for the first time—the effect of the mutually reinforcing configuration of multiple prosperity triggers (religion-politics-environment). It demonstrates the differences in the institutionalization of Roman Catholicism and Protestantism by applying quantitative and qualitative methods and by performing a qualitative comparative analysis (QCA) of 65 countries. The author also provides a comprehensive survey and results of empirical research on different theories of development, focusing on the influence of religion.

Energy, Information, Feedback, Adaptation, and Self-organization - Spyros G Tzafestas

2018-01-03

This unique book offers a comprehensive and integrated introduction to the five fundamental

elements of life and society: energy, information, feedback, adaptation, and self-organization. It is divided into two parts. Part I is concerned with energy (definition, history, energy types, energy sources, environmental impact); thermodynamics (laws, entropy definitions, energy, branches of thermodynamics, entropy interpretations, arrow of time); information (communication and transmission, modulation-demodulation, coding-decoding, information theory, information technology, information science, information systems); feedback control (history, classical methodologies, modern methodologies); adaptation (definition, mechanisms, measurement, complex adaptive systems, complexity, emergence); and self-organization (definitions/opinions, self-organized criticality, cybernetics, self-organization in complex adaptive systems, examples in nature). In turn, Part II studies the roles, impacts, and applications of the five above-mentioned

elements in life and society, namely energy (biochemical energy pathways, energy flows through food chains, evolution of energy resources, energy and economy); information (information in biology, biocomputation, information technology in office automation, power generation/distribution, manufacturing, business, transportation), feedback (temperature, water, sugar and hydrogen ion regulation, autocatalysis, biological modeling, control of hard/technological and soft/managerial systems), adaptation and self-organization (ecosystems, climate change, stock market, knowledge management, man-made self-organized controllers, traffic lights control).

English Colour Terms in Context - Anders Steinvall 2002

Psychology - Wayne Weiten 2011

In PSYCHOLOGY: THEMES AND VARIATIONS, BRIEFER VERSION, Wayne Weiten continues his proven combination of a scientifically

rigorous text with selective pedagogy that makes learning easy for students. Weiten's approach is backed by a straightforward writing style, unparalleled in-text visuals and didactic art program, and in-book review to help users prioritize and retain the core concepts. Weiten surveys psychology's broad range of content with three aims: to illuminate the process of research and its intrinsic relationship to application (themes); to show both the unity and diversity of the subject (variations), and to invite users to the study of psychology by respecting their ability to master its fundamental concepts. Weiten's themes (including empiricism, theoretical diversity, sociohistorical contexts, multifactorial causation, cultural heritage, heredity and environment, and subjectivity of experience) and variations provide unifying threads across chapters that help users see the connections among different research areas in psychology.

The Spanish of Equatorial Guinea - John M.

Lipski 1985-01-01

The book series Beihefte zur Zeitschrift für romanische Philologie, founded by Gustav Gröber in 1905, is among the most renowned publications in Romance Studies. It covers the entire field of Romance linguistics, including the national languages as well as the lesser studied Romance languages. The editors welcome submissions of high-quality monographs and collected volumes on all areas of linguistic research, on medieval literature and on textual criticism. The publication languages of the series are French, Spanish, Portuguese, Italian and Romanian as well as German and English. Each collected volume should be as uniform as possible in its contents and in the choice of languages.

Text, Speech, and Dialogue - Petr Sojka

2016-09-02

This book constitutes the refereed proceedings of the 19th International Conference on Text, Speech, and Dialogue, TSD 2016, held in Brno,

Czech Republic, in September 2016. The 62 papers presented together with 3 abstracts of invited talks were carefully reviewed and selected from 127 submissions. They focus on topics such as corpora and language resources; speech recognition; tagging, classification and parsing of text and speech; speech and spoken language generation; semantic processing of text and speech; integrating applications of text and speech processing; automatic dialogue systems; as well as multimodal techniques and modelling.

Shakespeare in Print - Andrew Murphy

2021-05-13

Described by the TLS as 'a formidable bibliographical achievement ... destined to become a key reference work for Shakespeareans', Shakespeare in Print is now issued in a revised and expanded edition offering a wealth of new material, including a chapter which maps the history of digital editions from the earliest computer-generated texts to the very

latest digital resources. Murphy's narrative offers a masterful overview of the history of Shakespeare publishing and editing, teasing out the greater cultural significance of the ways in which the plays and poems have been disseminated and received over the centuries from Shakespeare's time to our own. The opening chapters have been completely rewritten to offer close engagement with the careers of the network of publishers and printers who first brought Shakespeare to print, additional material has been added to all chapters, and the chronological appendix has been updated and expanded.

Essential Evidence-Based Medicine - Dan Mayer 2004-06-17

This is an ideal introductory text on Evidence Based Medicine (EBM) for medical students and all health-care professionals.

Constructivist Education in an Age of Accountability - David W. Kritt 2018-01-16

This book contrasts authentic approaches to

education with classroom practices based primarily on standards external to the individuals who are supposed to learn. While other books tend to promote either a desperate scramble for meeting standards or determined resistance to neoliberal reforms, this book fills that gap in ways that will inspire practitioners, prospective teachers, and teacher educators. Mandates pay only lip service to constructivist and social constructivist principles while thwarting the value of both students and teachers actively creating understandings. Authors in this book assert the central importance of a range of constructivist approaches to teaching, learning, and thinking, inviting careful reflection on the goals and values of education.

The Robbery of Nature - John Bellamy Foster 2020-02-24

Bridges the gap between social and environmental critiques of capitalism In the nineteenth century, Karl Marx, inspired by the

German chemist Justus von Liebig, argued that capitalism's relation to its natural environment was that of a robbery system, leading to an irreparable rift in the metabolism between humanity and nature. In the twenty-first century, these classical insights into capitalism's degradation of the earth have become the basis of extraordinary advances in critical theory and practice associated with contemporary ecosocialism. In *The Robbery of Nature*, John Bellamy Foster and Brett Clark, working within this historical tradition, examine capitalism's plundering of nature via commodity production, and how it has led to the current anthropogenic rift in the Earth System. Departing from much previous scholarship, Foster and Clark adopt a materialist and dialectical approach, bridging the gap between social and environmental critiques of capitalism. The ecological crisis, they explain, extends beyond questions of traditional class struggle to a corporeal rift in the physical organization of living beings

themselves, raising critical issues of social reproduction, racial capitalism, alienated speciesism, and ecological imperialism. No one, they conclude, following Marx, owns the earth. Instead we must maintain it for future generations and the innumerable, diverse inhabitants of the planet as part of a process of sustainable human development.

The Handbook of English Pronunciation - Marnie Reed 2019-02-12

The Handbook of English Pronunciation presents a comprehensive exploration of English pronunciation with essential topics for applied linguistics researchers and teachers, including language acquisition, varieties of English, historical perspectives, accent's changing role, and connections to discourse, technology, and pedagogy. Provides thorough descriptions of all elements of English pronunciation Features contributions from a global list of authors, reflecting the finest scholarship available Explores a careful balance of issues and topics

important to both researchers and teachers
Provides a historical understanding of the importance of pronunciation and examines some of the major ways English is pronounced today throughout the world
Considers practical concerns about how research and practice interact in teaching pronunciation in the classroom

Philosophy of Arithmetic - Edmund Husserl

2012-12-06

This volume is a window on a period of rich and illuminating philosophical activity that has been rendered generally inaccessible by the supposed "revolution" attributed to "Analytic Philosophy" so-called. Careful exposition and critique is given to every serious alternative account of number and number relations available at the time.

50 Years of Bat Research - Burton K. Lim

2021-01-23

With more than 1,400 species, bats are an incredibly diverse and successful group of

mammals that can serve as model systems for many unique evolutionary adaptations. Flight has allowed them to master the sky, while echolocation enables them to navigate in the dark. Being small, secretive, nocturnal creatures has made bats a challenge to study, but over the past 50 years, innovative research has made it possible to dispel some of the mystery and myth surrounding them to give us a better understanding of the role these animals play in the ecosystem. The structure of the book is based on several broad themes across the biological sciences, including the evolution of bats, their ecology and behavior, and conservation of biodiversity. Within these themes are more specific topics on important aspects of bat research, such as morphology, molecular biology, echolocation, taxonomy, systematics, threats to bats, social structure, reproduction, movements, and feeding strategies. Given its scope, the book will appeal to the wider scientific community, environmental

organizations, and government policymakers who are interested in the interdisciplinary aspects of biology and nature.

Neural Engineering - Bin He 2013-01-09

Neural Engineering, 2nd Edition, contains reviews and discussions of contemporary and relevant topics by leading investigators in the field. It is intended to serve as a textbook at the graduate and advanced undergraduate level in a bioengineering curriculum. This principles and applications approach to neural engineering is essential reading for all academics, biomedical engineers, neuroscientists, neurophysiologists, and industry professionals wishing to take advantage of the latest and greatest in this emerging field.

Teaching & Researching Big History: Exploring a New Scholarly Field - Leonid Grinin

2014-06-30

According to the working definition of the International Big History Association, 'Big History seeks to understand the integrated

history of the Cosmos, Earth, Life and Humanity, using the best available empirical evidence and scholarly methods.' In recent years Big History has been developing very fast indeed. Big History courses are taught in the schools and universities of several dozen countries.

Hundreds of researchers are involved in studying and teaching Big History. The unique approach of Big History, the interdisciplinary genre of history that deals with the grand narrative of 13.8 billion years, has opened up a vast amount of research agendas. Big History brings together constantly updated information from the scientific disciplines and merges it with the contemplative realms of philosophy and the humanities. It also provides a connection between the past, present, and future. Big History is a colossal and extremely heterogeneous field of research encompassing all the forms of existence and all timescales. Unsurprisingly, Big History may be presented in very different aspects and facets. In this volume

the Big History is presented and discussed in three different ways. In its first part, Big History is explored in terms of methodology, theories of knowledge, as well as showcasing the personal approach of scholars to Big History. The second section comprises such articles that could clarify Big History's main trends and laws. The third part of this book explores the nature of teaching Big History as well as profiling a number of educational methods. This volume will be useful both for those who study interdisciplinary macroproblems and for specialists working in focused directions, as well as for those who are interested in evolutionary issues of Astrophysics, Geology, Biology, History, Anthropology, Linguistics and other areas of study. More than that, this edition will challenge and excite your vision of your own life and the exciting new discoveries going on around us!

Husserl - Paul Ricoeur 1967-12

These nine essays present Ricoeur's interpretation of the most important of Husserl's

writings, with emphasis on his philosophy of consciousness rather than his work in logic." *Output, Employment, and Productivity in the United States After 1800* - Conference on Research in Income and Wealth 1966

"Contains most of the papers presented at the joint sessions of the Economic History Association and the Conference on Research in Income and Wealth, held at Chapel Hill, North Carolina, in September 1963." Includes bibliographical references.

Catalogue of Risks - Dirk Proske 2008-07-24

Since the German edition of this book, the topic of risk has experienced even greater attention, not only in the world of science but also in other fields, such as economics and politics. Therefore, many new publications have evolved. To keep with the idea of an encyclopedia for the topic of risk, this book has been completely reworked. Not only are many updated examples included in chapter "Risks and disasters" but also new chapters have been introduced, such as the

chapter "Indetermination and risk". This new chapter was developed since the question "Is it possible for risks to be completely eliminated, and if not why?" has become a major point of concern. Therefore, especially in this chapter, the focus of the book has - tended from a simple mathematical or engineering point of view to include much broader concepts. Here, not only aspects of system theory have to be considered, but also some general philosophical questions start to influence the considerations of the topic of risk. The main goal of this edition, however, is not only the extension and revision of the book, but also the translation into the English language to allow more readers access to the ideas of the book. The author deeply hopes that the success the book made in the German edition continues and that readers experience a major gain from reading the book.

Digital Memory and the Archive - Wolfgang Ernst 2013

"Digital Memory and the Archive, the first

English-language collection of the German media theorist's work, brings together essays that present Wolfgang Ernst's controversial materialist approach to media theory and history. His insights are central to the emerging field of media archaeology, which uncovers the role of specific technologies and mechanisms, rather than content, in shaping contemporary culture and society."--pub. desc.

An Introduction to Criminal Psychology - Russil Durrant 2018-03-29

This book offers a clear, up-to-date, comprehensive, and theoretically informed introduction to criminal psychology, exploring how psychological explanations and approaches can be integrated with other perspectives drawn from evolutionary biology, neurobiology, sociology, and criminology. Drawing on examples from around the world, it considers different types of offences from violence and aggression to white-collar and transnational crime, and links approaches to explaining crime

with efforts to prevent crime and to treat and rehabilitate offenders. This revised and expanded second edition offers a thorough update of the research literature and introduces several new features, including: detailed international case studies setting the scene for each chapter, promoting real-world understanding of the topics under consideration; a fuller range of crime types covered, with new chapters on property offending and white-collar, corporate, and environmental crime; detailed individual chapters exploring prevention and rehabilitation, previously covered in a single chapter in the first edition; an array of helpful features including learning objectives, review and reflect checkpoints, annotated lists of further reading, and two new features: 'Research in Focus' and 'Criminal Psychology Through Film'. This textbook is essential reading for upper undergraduate students enrolled in courses on psychological criminology, criminal psychology, and the psychology of criminal

behaviour. Designed with the reader in mind, student-friendly and innovative pedagogical features support the reader throughout.

Modern Information Retrieval - Yates
1999-09

Fact and Fiction - Albrecht Koschorke
2018-04-23

How can we develop a cultural theory starting with the basic insight that human beings are "storytelling animals"? Within literary studies, narratology is a highly developed field. However, literary historians have not paid much attention to the large and small stories abounding in everyday discourse, guiding all kinds of social activity, and providing common ground for whole societies—but also fueling controversies and hostilities. Moreover, "narrative" is not only a scholarly category but has come into use in many fields of social activity as a tool for cultural self-fashioning. This book is based on the assumption that to a large extent, social

dynamics is modeled in an aesthetic manner via narratives. It explores the narrative organization of cultural spaces and time-frames, the mythological shaping of communities and adversaries, and the co-production of narratives and institutions aimed at stabilizing social life. In this framework, the epistemological problem looms large of how an instrument as unreliable as narrative can participate in the creation of a social consensus regarding truth. This problem endows the general topics explored in this book with a particularly contemporary dimension.

Genes, Memes, Culture, and Mental Illness -
Hoyle Leigh 2010-06-14

What produces mental illness: genes, environment, both, neither? The answer can be found in memes—replicable units of information linking genes and environment in the memory and in culture—whose effects on individual brain development can be benign or toxic. This book reconceptualizes mental disorders as products of stressful gene-meme interactions and introduces

a biopsychosocial template for meme-based diagnosis and treatment. A range of therapeutic modalities, both broad-spectrum (meditation) and specific (cognitive-behavioral), for countering negative memes and their replication are considered, as are possibilities for memetic prevention strategies. In this book, the author outlines the roles of genes and memes in the evolution of the human brain; elucidates the creation, storage, and evolution of memes within individual brains; examines culture as a carrier and supplier of memes to the individual; provides examples of gene-meme interactions that can result in anxiety, depression, and other disorders; proposes a multiaxial gene-meme model for diagnosing mental illness; identifies areas of meme-based prevention for at-risk children; and defines specific syndromes in terms of memetic symptoms, genetic/ memetic development, and meme-based treatment.

In Search of the Culprit - Lukas Rösli
2021-12-06

Despite various poststructuralist rejections of the idea of a singular author-genius, the question of a textual archetype that can be assigned to a named author is still a common scholarly phantasm. The Romantic idea that an author created a text or even a work autonomously is transferred even to pre-modern literature today. This ignores the fact that the transmission of medieval and early modern literature creates variances that could not be justified by means of singular authorships. The present volume offers new theoretical approaches from English, German, and Scandinavian studies to provide a historically more adequate approach to the question of authorship in premodern literary cultures. Authorship is no longer equated with an extra-textual entity, but is instead considered a narratological, inner- and intertextual function that can be recognized in the retrospectively established beginnings of literature as well as in the medial transformation of texts during the

early days of printing. The volume is aimed at interested scholars of all philologies, especially those dealing with the Middle Ages or Early Modern Period.

New Directions in Conservation Medicine - A. Alonso Aguirre 2012-05-28

In recent years, species and ecosystems have been threatened by many anthropogenic factors manifested in local and global declines of populations and species. Although we consider conservation medicine an emerging field, the concept is the result of the long evolution of transdisciplinary thinking within the health and ecological sciences and the better understanding of the complexity within these various fields of knowledge. Conservation medicine was born from the cross fertilization of ideas generated by this new transdisciplinary design. It examines the links among changes in climate, habitat quality, and land use; emergence and re-emergence of infectious agents, parasites and environmental contaminants; and maintenance

of biodiversity and ecosystem functions as they sustain the health of plant and animal communities including humans. During the past ten years, new tools and institutional initiatives for assessing and monitoring ecological health concerns have emerged: landscape epidemiology, disease ecological modeling and web-based analytics. New types of integrated ecological health assessment are being deployed; these efforts incorporate environmental indicator studies with specific biomedical diagnostic tools. Other innovations include the development of non-invasive physiological and behavioral monitoring techniques; the adaptation of modern molecular biological and biomedical techniques; the design of population level disease monitoring strategies; the creation of ecosystem-based health and sentinel species surveillance approaches; and the adaptation of health monitoring systems for appropriate developing country situations. New Directions of

Conservation Medicine: Applied Cases of Ecological Health addresses these issues with relevant case studies and detailed applied examples. New Directions of Conservation Medicine challenges the notion that human health is an isolated concern removed from the bounds of ecology and species interactions. Human health, animal health, and ecosystem health are moving closer together and at some point, it will be inconceivable that there was ever a clear division.

Design Requirements Engineering: A Ten-Year Perspective - Kalle Lyytinen 2009-01-20

Since its inception in 1968, software engineering has undergone numerous changes. In the early years, software development was organized using the waterfall model, where the focus of requirements engineering was on a frozen requirements document, which formed the basis of the subsequent design and implementation process. Since then, a lot has changed: software has to be developed faster, in larger and

distributed teams, for pervasive as well as large-scale applications, with more flexibility, and with ongoing maintenance and quick release cycles. What do these ongoing developments and changes imply for the future of requirements engineering and software design? Now is the time to rethink the role of requirements and design for software intensive systems in transportation, life sciences, banking, e-government and other areas. Past assumptions need to be questioned, research and education need to be rethought. This book is based on the Design Requirements Workshop, held June 3-6, 2007, in Cleveland, OH, USA, where leading researchers met to assess the current state of affairs and define new directions. The papers included were carefully reviewed and selected to give an overview of the current state of the art as well as an outlook on probable future challenges and priorities. After a general introduction to the workshop and the related NSF-funded project, the contributions are

organized in topical sections on fundamental concepts of design; evolution and the fluidity of design; quality and value-based requirements; requirements intertwining; and adapting requirements practices in different domains.

Population Health: Behavioral and Social Science Insights - Robert M. Kaplan 2015-07-24

The purpose of this book is to gain a better understanding of the multitude of factors that determine longer life and improved quality of life in the years a person is alive. While the emphasis is primarily on the social and behavioral determinants that have an effect on the health and well-being of individuals, this publication also addresses quality of life factors and determinants more broadly. Each chapter in this book considers an area of investigation and ends with suggestions for future research and implications of current research for policy and practice. The introductory chapter summarizes the state of Americans' health and well-being in comparison to our international peers and

presents background information concerning the limitations of current approaches to improving health and well-being. Following the introduction, there are 21 chapters that examine the effects of various behavioral risk factors on population health, identify trends in life expectancy and quality of life, and suggest avenues for research in the behavioral and social science arenas to address problems affecting the U.S. population and populations in other developed and developing countries around the world. Undergraduate and graduate students pursuing coursework in health statistics, health population demographics, behavioral and social science, and health policy may be interested in this content. Additionally, policymakers, legislators, health educators, and scientific organizations around the world may also have an interest in this resource.

Climate Change and Policy - Gabriele Gramelsberger 2011-03-30

The debate on how mankind should respond to

climate change is diverse, as the appropriate strategy depends on global as well as local circumstances. As scientists are denied the possibility of conducting experiments with the real climate, only climate models can give insights into man-induced climate change, by experimenting with digital climates under varying conditions and by extrapolating past and future states into the future. But the 'nature' of models is a purely representational one. A model is good if it is believed to represent the relevant processes of a natural system well. However, a model and its results, in particular in the case of climate models which interconnect countless hypotheses, is only to some extent testable, although an advanced infrastructure of evaluation strategies has been developed involving strategies of model intercomparison, ensemble prognoses, uncertainty metrics on the system and component levels. The complexity of climate models goes hand in hand with uncertainties, but uncertainty is in conflict with

socio-political expectations. However, certain predictions belong to the realm of desires and ideals rather than to applied science. Today's attempt to define and classify uncertainty in terms of likelihood and confidence reflect this awareness of uncertainty as an integral part of human knowledge, in particular on knowledge about possible future developments. The contributions in this book give a first hand insight into scientific strategies in dealing with uncertainty by using simulation models and into social, political and economical requirements in future projections on climate change. Do these strategies and requirements meet each other or fail? The debate on how mankind should respond to climate change is diverse, as the appropriate strategy depends on global as well as local circumstances. As scientists are denied the possibility of conducting experiments with the real climate, only climate models can give insights into man-induced climate change, by experimenting with digital climates under

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about possible future developments. The contributions in this book give a first hand insight into scientific strategies in dealing with uncertainty by using simulation models and into social, political and economical requirements in future projections on climate change. Do these strategies and requirements meet each other or fail? Gabriele Gramelsberger is Principal Investigator of the Collaborative Research Project is Principal Investigator of the Collaborative Research Project

A Research Strategy to Examine the Taxonomy of the Red Wolf - National Academies of Sciences, Engineering, and Medicine 2021-01-29

A Research Strategy to Examine the Taxonomy of the Red Wolf provides independent guidance about taxonomic research on the red wolf, *Canis rufus*. Building from the 2019 report Evaluating the Taxonomic Status of the Mexican Gray Wolf and the Red Wolf, this report reviews and ranks research applications to determine the taxonomy

of wild canid populations in southern Louisiana and other relevant locations. The report then develops a research strategy to examine the evolutionary relationships between ancient red wolves, the extant managed red wolf populations, and the unidentified canid populations.

Learning and Expanding with Activity Theory - Annalisa Sannino 2009-08-17

There is a growing interest in activity theory across behavioral and social sciences. Activity theory has a very rich and solid heritage in the works of Vygotsky, Luria, and Leont'ev. The development of activity theory depends on the understanding of this heritage. However, this literature is very demanding and often proves inaccessible to new generations of scholars who want to pursue empirical studies. How can students and young researchers be helped to engage with this heritage as they carry out their inquiries in various social practices? This book provides researchers with an accessible text that

also supports the use of the classic tradition of activity theory.