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Cognitive Analytic Therapy and Later Life - Jason Hepple 2004

Cognitive Analytic Therapy and Later Life explores the specialist skills required when working with older people.

11th Annual Conference Cognitive Science Society Pod - Cognitive Science Society
2014-01-02

First published in 1989. Routledge is an imprint of Taylor & Francis, an informa company.

An Analysis of Leon Festinger's A Theory of Cognitive Dissonance - Camille Morvan
2017-07-05

Leon Festinger's 1957 *A Theory of Cognitive Dissonance* is a key text in the history of psychology - one that made its author one of the most influential social psychologists of his time. It is also a prime example of how creative thinking and problem solving skills can come together to produce work that changes the way people look at questions for good. Strong creative thinkers are able to look at things from a new perspective, often to the point of challenging the very frames in which those around them see things. Festinger was such a creative thinker, leading what came to be known as the "cognitive revolution" in social psychology. When Festinger was carrying out his research, the dominant school of thought - behaviorism - focused on outward behaviors and their effects. Festinger, however, turned his attention elsewhere, looking at "cognition:" the mental processes behind behaviors. In the case of "cognitive dissonance", for example, he hypothesized that apparently incomprehensible or illogical behaviors might be caused by a cognitive drive away from dissonance, or

internal contradiction. This perspective, however, raised a problem: how to examine and test out cognitive processes. Festinger's book records the results of the psychological experiments he designed to solve that problem. The results helped prove the existence for what is now a fundamental theory in social psychology.

Proceedings of the Eighteenth Annual Conference of the Cognitive Science Society - Garrison W. Cottrell 2019-02-21

This volume features the complete text of all regular papers, posters, and summaries of symposia presented at the 18th annual meeting of the Cognitive Science Society. Papers have been loosely grouped by topic, and an author index is provided in the back. In hopes of facilitating searches of this work, an electronic index on the Internet's World Wide Web is provided. Titles, authors, and summaries of all the papers published here have been placed in an online database which may be freely searched by anyone. You can reach the Web site at: <http://www.cse.ucsd.edu/events/cogsci96/proceedings>. You may view the table of contents for this volume on the LEA Web site at: <http://www.erlbaum.com>.

The Cognitive-Theoretic Model of the Universe: A New Kind of Reality Theory -

Christopher Michael Langan 2002-06-01
Paperback version of the 2002 paper published in the journal *Progress in Information, Complexity, and Design (PCID)*. ABSTRACT
Inasmuch as science is observational or perceptual in nature, the goal of providing a scientific model and mechanism for the evolution of complex systems ultimately requires a

supporting theory of reality of which perception itself is the model (or theory-to-universe mapping). Where information is the abstract currency of perception, such a theory must incorporate the theory of information while extending the information concept to incorporate reflexive self-processing in order to achieve an intrinsic (self-contained) description of reality. This extension is associated with a limiting formulation of model theory identifying mental and physical reality, resulting in a reflexively self-generating, self-modeling theory of reality identical to its universe on the syntactic level. By the nature of its derivation, this theory, the Cognitive Theoretic Model of the Universe or CTMU, can be regarded as a supertautological reality-theoretic extension of logic. Uniting the theory of reality with an advanced form of computational language theory, the CTMU describes reality as a Self Configuring Self-Processing Language or SCSPL, a reflexive intrinsic language characterized not only by self-reference and recursive self-definition, but full self-configuration and self-execution (reflexive read-write functionality). SCSPL reality embodies a dual-aspect monism consisting of infocognition, self-transducing information residing in self-recognizing SCSPL elements called syntactic operators. The CTMU identifies itself with the structure of these operators and thus with the distributive syntax of its self-modeling SCSPL universe, including the reflexive grammar by which the universe refines itself from unbound teleosis or UBT, a primordial realm of infocognitive potential free of informational constraint. Under the guidance of a limiting (intrinsic) form of anthropic principle called the Telic Principle, SCSPL evolves by telic recursion, jointly configuring syntax and state while maximizing a generalized self-selection parameter and adjusting on the fly to freely-changing internal conditions. SCSPL relates space, time and object by means of conspansive duality and conspansion, an SCSPL-grammatical process featuring an alternation between dual phases of existence associated with design and actualization and related to the familiar wave-particle duality of quantum mechanics. By distributing the design phase of reality over the actualization phase, conspansive spacetime also

provides a distributed mechanism for Intelligent Design, adjoining to the restrictive principle of natural selection a basic means of generating information and complexity. Addressing physical evolution on not only the biological but cosmic level, the CTMU addresses the most evident deficiencies and paradoxes associated with conventional discrete and continuum models of reality, including temporal directionality and accelerating cosmic expansion, while preserving virtually all of the major benefits of current scientific and mathematical paradigms.

A Theory of Cognitive Dissonance - Leon Festinger 1962

Originally published: Evanston, Ill.: Row, Peterson, c1957.

Essays in Cognitive Science: Collegiate Papers on Morality and Consciousness -

Cognitive Processes and Spatial Orientation in Animal and Man - P. Ellen 2012-12-06

These volumes represent the proceedings of NATO Advanced Study Institute on the topic of "Cognitive Processes and Spatial Orientation in Animal and Man" held at La-Baume-les-Aix, Aix-en-Provence, France, in June-July 1985. The motivation underlying this Institute stemmed from the recent advances and interest in the problems of spatial behavior. In Psychology, traditional S-R concepts were found to be unsatisfactory for fully accounting for the complexity of spatial behavior. Coupled with the decline in such an approach, has been a resurgence of interest in cognitive types of concepts. In Ethology, investigators have begun to use more sophisticated methods for the study of homing and navigational behaviors. In the general area of Neuroscience, marked advances have been achieved in the understanding of the neural mechanisms underlying spatial behaviors. And finally, there has been a burgeoning interest and body of knowledge concerning the development of spatial behavior in humans. All of these factors combined to suggest the necessity of bringing together scientists working in these areas with the intent that such a meeting might lead to a cross-fertilization of the various areas. Possibly by providing a context in which members of the various disciplines could interact, it was felt that we might increase the likelihood of identifying those similarities and

differences in the concepts and methods common to all groups. Such an identification could provide the basis for a subsequent interdisciplinary research effort.

A Cognitive Theory of Cultural Meaning - Claudia Strauss 1997

Reviews a range of current psychological theories of cultural meaning.

Spatial Information Theory. Cognitive and Computational Foundations of Geographic Information Science - Christian Freksa

2003-07-31

The Conference on Spatial Information Theory – COSIT – grew out of a series of workshops / NATO Advanced Study Institutes / NSF specialist meetings concerned with cognitive and applied aspects of representing large-scale space, particularly geographic space. In these meetings, the need for a well-founded theory of spatial information processing was identified. The COSIT conference series was established in 1993 as a biennial interdisciplinary European conference on the representation and processing of information about large-scale space, after a successful international conference on the topic had been organized by Andrew Frank et al. in Pisa, Italy, in 1992 (frequently referred to as ‘COSIT zero’). After two successful European conferences with strong North-American participation (COSIT ’93, held on the Island of Elba, Italy; COSIT ’95, held in Semmering, Austria), the conference became a truly international enterprise when COSIT ’97 was held in the Laurel Highlands, Pennsylvania, USA. COSIT ’99 will take place in Stade, Germany. All aspects of large-scale space, i. e. spaces too large to be seen from a single vantage point, are addressed in the COSIT conferences. These include spaces of geographic scale, as well as smaller spaces in which humans, animals, or autonomous robots have to find their way around. Spatial information theory also deals with the description of objects, processes, or events in spatial environments and it forms the foundation for the construction of Geographic Information Systems (GIS) and for spatial information and communication system design in general.

Proceedings of the Fourteenth Annual Conference of the Cognitive Science Society - Cognitive Science Society (US) Conference

2014-05-12

This volume features the complete text of all regular papers, posters, and summaries of symposia presented at the 14th annual meeting of the Cognitive Science Society.

Proceedings of the Fifteenth Annual Conference of the Cognitive Science Society - Cognitive Science Society 1993

This volume features the complete text of all regular papers, posters, and summaries of symposia presented at the 15th annual meeting of the Cognitive Science Society.

Cognitive Theory - N. J. Castellan, Jr. 2014-01-14

First published in 1978. Routledge is an imprint of Taylor & Francis, an informa company.

Cognitive Approaches to Obsessions and Compulsions - Randy O. Frost 2002-05-31

This volume assembles nearly all of the major investigators responsible for the development of cognitive therapy (and theory) for obsessive compulsive disorder (OCD) as well as other major researchers in the field to write about cognitive phenomenology, assessment, treatment, and theory related to OCD.

Cognitive Appraisal, Emotion, and Empathy - Becky Lynn Omdahl 2014-03-05

In a wide array of social sciences, interest in emotion is flourishing. Psychologists, sociologists, anthropologists, communication scholars, and cognitive scientists are exploring human emotions in a variety of contexts. This book speaks to central issues raised by scholars in these disciplines through its review of leading cognitive appraisal theories of emotion, clarification of the nature of empathy, and exploration of how people identify and respond to the emotions hidden within the stories people tell. Intrigue with the separateness and oneness of human existence and experience is evident throughout history. It appears in the teachings of all great religions, in the commentaries of philosophers, and in the perceptions of the most famous characters in classic literature. Perhaps it is this wonderment with human distinction and unity that has spawned interest in empathy as a pervasive human phenomena. This book presents an initial examination of the role of cognitive appraisals in facilitating decoding accuracy and empathy. It compares the leading cognitive appraisal theories and addresses the

relationships among appraisal information, empathy, and emotion decoding. Real-life descriptions of emotional experiences are used as the basis for a study examining the relationships between perceived appraisals and perspective-taking, and accurate decoding and empathy. Other studies probe the effects of specific appraisal information on decoding and emotional reactions, and address emotional reactivity to stories and delayed retention. Finally, specific applications are offered for parents, educators, social service employees, writers, advertisers, and people striving for personal well-being and healthy relationships.

Proceedings of the 25th Annual Cognitive Science Society - Richard Alterman 2013-12-16

This volume features the complete text of the material presented at the Twenty-Fifth Annual Conference of the Cognitive Science Society. As in previous years, the symposium included an interesting mixture of papers on many topics from researchers with diverse backgrounds and different goals, presenting a multifaceted view of cognitive science. This volume includes all papers, posters, and summaries of symposia presented at the leading conference that brings cognitive scientists together. The theme of this year's conference was the social, cultural, and contextual elements of cognition, including topics on collaboration, cultural learning, distributed cognition, and interaction.

Advances in Cognitive Load Theory - Sharon Tindall-Ford 2019-06-21

Cognitive load theory uses our knowledge of how people learn, think and solve problems to design instruction. In turn, instructional design is the central activity of classroom teachers, of curriculum designers, and of publishers of textbooks and educational materials, including digital information. Characteristically, the theory is used to generate hypotheses that are tested using randomized controlled trials. Cognitive load theory rests on a base of hundreds of randomized controlled trials testing many thousands of primary and secondary school children as well as adults. That research has been conducted by many research groups from around the world and has resulted in a wide range of novel instructional procedures that have been tested for effectiveness. Advances in Cognitive Load Theory, in describing current

research, continues in this tradition. Exploring a wide range of instructional issues dealt with by the theory, it covers all general curriculum areas critical to educational and training institutions and outlines recent extensions to other psycho-educational constructs including motivation and engagement. With contributions from the leading figures from around the world, this book provides a one-stop-shop for the latest in cognitive load theory research and guidelines for how the findings can be applied in practice.

Papers and Studies in Contrastive Linguistics - 1986

Vol. 1 contains papers delivered at the 2d Karpacz Conference on Contrastive Linguistics, 1971.

Model-directed Learning. Albert Bandura's Social Cognitive Learning Theory and Its Social-psychological Significance for School and Instruction - Liwia Kolodziej 2015-01-22

Seminar paper from the year 2006 in the subject Pedagogy - Science, Theory, Anthropology, grade: 1,7, University of Wuppertal, course: Theory of Learning, language: English, abstract: This term paper explores the subject Model-directed Learning, Albert Bandura's Social Cognitive Learning Theory and its social-psychological Significance for School and Instruction." The topic touches on several complex scientific areas that cannot be exhaustively discussed and in part can only contribute in a more generalized form to the scope of this term paper. Hence, there is the challenge of setting boundaries at first. The main focus of this paper is on the social cognitive learning theory according to Albert Bandura, with its central statements serving as the theoretical foundation of the paper as a whole. The aim is to investigate, which basic principles Bandura is adopting from human behavior, how he does explain and analyze this approach. This theoretical rationale should be set up in the socio-psychological context of school and instruction. Hence, a main goal of this paper is to establish a theory-practice relevance. In other words, the focus is to investigate which consequences are arising from the social cognitive learning theory for school, teaching, education, and studying. A key aspect of the social cognitive learning theory is model-based learning, thus, the assumption that human

learning can happen through observation and imitation of others. In a society, in which humans strive for individuality and originality, imitation and simulation are associated with negative characteristics. Nevertheless, imitation behavior plays an important role even in every day situations. A person's aggressive behavior or drug habit is often rationalized with the assumption that this behavior was copied from friends, or was due to the influence of others, or being surrounded with the wrong people. This term paper attempts to show the scientific reasoning behind this "everyday wisdom," *Cognitive Theories in Social Psychology* - Leonard Berlowitz 1978

Sixth International Conference on Cognitive Modeling - ICCM - 2004 - Marsha C. Lovett 2004-08

The International Conference on Cognitive Modeling brings together researchers who develop computational models that explain and predict cognitive data. The 2004 conference encompassed an integration of diverse data through models of coherent phenomena;

An Introduction to Cognitive Linguistics - Friedrich Ungerer 2013-11-12

Learning About Language is an exciting and ambitious series of introductions to fundamental topics in language, linguistics and related areas. The books are designed for students of linguistics and those who are studying language as part of a wider course. *Cognitive Linguistics* explores the idea that language reflects our experience of the world. It shows that our ability to use language is closely related to other cognitive abilities such as categorization, perception, memory and attention allocation. Concepts and mental images expressed and evoked by linguistic means are linked by conceptual metaphors and metonymies and merged into more comprehensive cognitive and cultural models, frames or scenarios. It is only against this background that human communication makes sense. After 25 years of intensive research, cognitive-linguistic thinking now holds a firm place both in the wider linguistic and the cognitive-science communities. *An Introduction to Cognitive Linguistics* carefully explains the central concepts of categorization, of prototype and gestalt

perception, of basic level and conceptual hierarchies, of figure and ground, and of metaphor and metonymy, for which an innovative description is provided. It also brings together issues such as iconicity, lexical change, grammaticalization and language teaching that have profited considerably from being put on a cognitive basis. The second edition of this popular introduction provides a comprehensive and accessible up-to-date overview of Cognitive Linguistics: Clarifies the basic notions supported by new evidence and examples for their application in language learning Discusses major recent developments in the field: the increasing attention paid to metonymies, Construction Grammar, Conceptual Blending and its role in online-processing. Explores links with neighbouring fields like Relevance Theory Uses many diagrams and illustrations to make the theoretical argument more tangible Includes extended exercises Provides substantial updated suggestions for further reading.

Cognitive Analysis of Social Behavior - J.-P. Codol 2012-12-06

The fifth Summer School organized by the European Association of Experimental Social Psychology was held in Aix-en-Provence (France, from July 12 to 31, 1981. Previous schools had taken place in The Hague (The Netherlands) in 1966, Leuven (Belgium) in 1967, Konstanz (Germany) in 1972 and in Oxford (Great-Britain) in 1976. This is an important activity of the European Association and has always met with great success. This time, 130 applications were received while only 50 could be accepted, given the format adopted for the Summer School. They represented many different countries and institutions. To fully understand the aims of such a Summer School, especially of the present one, it is probably best to consider first its organization. Participants were graduates or young postdoctoral students in experimental social psychology. For three weeks they worked in five teams of ten participants each under the mentorship of a senior researcher. Each of five staff members had suggested a special topic of study in which they were interested, well before the start of the session. This enabled the teams to be determined early enough for the participants to be able to prepare for the sessions. In Aix, in the

magnificent surroundings of an old convent, afternoons (and often evenings as well) were spent discussing theoretical issues arising from the suggested topics and in planning research to test specific hypotheses.

Cognitive Processes and Spatial Orientation

in Animal and Man - NATO Advanced Study Institute on Cognitive Processes and Spatial Orientation in Animal and Man 1987-02-28 Proceedings of the NATO Advanced Study Institute, La-Baume-les-Aix (Aix-en-Provence), France, June 27-July 7, 1985

Anticipatory Behavior in Adaptive Learning Systems

Giovanni Pezzulo 2009-06-15 Anticipatory behavior in adaptive learning systems continues attracting attention of researchers in many areas, including cognitive systems, neuroscience, psychology, and machine learning. This book constitutes the thoroughly refereed post-workshop proceedings of the 4th International Workshop on Anticipatory Behavior in Adaptive Learning Systems, ABIALS 2008, held in Munich, Germany, in June 2008, in collaboration with the six-monthly Meeting of euCognition 'The Role of Anticipation in Cognition'. The 18 revised full papers presented were carefully selected during two rounds of reviewing and improvement for inclusion in the book. The introductory chapter of this state-of-the-art survey not only provides an overview of the contributions included in this volume but also revisits the current available terminology on anticipatory behavior and relates it to the available system approaches. The papers are organized in topical sections on anticipation in psychology with focus on the ideomotor view, conceptualizations, anticipation and dynamical systems, computational modeling of psychological processes in the individual and social domains, behavioral and cognitive capabilities based on anticipation, and computational frameworks and algorithms for anticipation, and their evaluation.

Partha's Fundamentals of Pediatrics

A Parthasarathy 2013-04-30 Fully revised, second edition bringing trainees and physicians fully up to date with the latest developments and rapidly changing concepts in the field of paediatrics.

Scientific Foundations of Cognitive Theory and Therapy of Depression - David A. Clak

1999-04-30

Based on decades of theory, research, and practice, this seminal book presents a detailed and comprehensive review, evaluation, and integration of the scientific and empirical research relevant to Aaron T. Beck's cognitive theory and therapy of depression. Since its emergence in the early 1960s, Beck's cognitive perspective has become one of the most influential and well-researched psychological theories of depression. Over 900 scientific and scholarly references are contained in the present volume, providing the most current and exhaustive evaluation of the scientific status of the cognitive theory of depression. Though the application of cognitive therapy has been well documented in the publication of treatment manuals, the cognitive theory of depression has not been presented in a unified manner until the publication of this book. Coauthored by the father of cognitive therapy, *Scientific Foundations of Cognitive Theory and Therapy of Depression* offers the most complete and authoritative account of Beck's theory of depression since the publication of *Depression: Causes and Treatment* in 1967. Through its elaboration of recent theoretical developments in cognitive theory and its review of contemporary cognitive-clinical research, the book represents the current state of the art in cognitive approaches to depression. As a result of its critical examination of cognitive-clinical research and experimental information processing, the authors offer many insights into the future direction for research on the cognitive basis of depression. The first half of the book focuses on a presentation of the clinical phenomena of depression and the current version of cognitive theory. After outlining important questions that have been raised with the diagnosis of depression, the book then traces the historical development of Beck's cognitive theory and therapy through the 1960s and '70s. It presents the theoretical assumptions of the model and offers a detailed account of the most current version of the cognitive formulation of depression. The second half of the book provides an in-depth analysis of the empirical status of the descriptive and vulnerability hypotheses of the cognitive model. Drawing on over three decades of research,

thebook delves into the scientific basis of numerous hypotheses derived from cognitive theory, including negativity, exclusivity, content specificity, primacy, universality, severity/persistence, selective processing, schema activation, primal processing, stability, diathesis-stress, symptom specificity, and differential treatment responsiveness. "In 1967 the first detailed description of the cognitive theory of depression was published in *Depression: Causes and Treatment* by one of us, Aaron T. Beck. The basic concepts of the theory laid out in that volume still provide the foundation for the cognitive model 30 years later. As well the first systematic investigations of the theory described in the 1967 volume contributed to a paradigmatic shift in theory, research, and treatment of depression that resulted in a very vigorous and widespread research initiative on the cognitive basis of depression. The present book is intended to provide a comprehensive and critical update of the developments in cognitive theory and research on depression that have occurred since the initial publication in the 1960s."--David A. Clark, from the Preface.

A Cognitive Theory of Magic - Jesper Sørensen 2007

Magic is a universal phenomenon. Everywhere we look people perform ritual actions in which desirable qualities are transferred by means of physical contact and objects or persons are manipulated by things of their likeness. In this book Sørensen embraces a cognitive perspective in order to investigate this long-established but controversial topic. Following a critique of the traditional approaches to magic, and basing his claims on classical ethnographic cases, the author explains magic's universality by examining a number of recurrent cognitive processes underlying its different manifestations. He focuses on how power is infused into the ritual practice; how representations of contagion and similarity can be used to connect otherwise distinct objects in order to manipulate one by the other; and how the performance of ritual prompts representations of magical actions as effective. Bringing these features together, the author proposes a cognitive theory of how people can represent magical rituals as purposeful actions

and how ritual actions are integrated into more complex representations of events. This explanation, in turn, yields new insights into the constitutive role of magic in the formation of institutionalised religious ritual.

The World on Paper - David R. Olson 1996-06-20

New perspective on the relation between writing and the processes of thought.

Sixth International Conference on Cognitive Modeling - Marsha C. Lovett 2004-09-15

The International Conference on Cognitive Modeling brings together researchers who develop computational models to explain and predict cognitive data. The core theme of the 2004 conference was "Integrating Computational Models," encompassing an integration of diverse data through models of coherent phenomena; integration across modeling approaches; and integration of teaching and modeling. This text presents the proceedings of that conference. The International Conference on Cognitive Modeling 2004 sought to grow the discipline of computational cognitive modeling by providing a sophisticated modeling audience for cutting-edge researchers, in addition to offering a forum for integrating insights across alternative modeling approaches in both basic research and applied settings, and a venue for planning the future growth of the discipline. The meeting included a careful peer-review process of 6-page paper submissions; poster-abstracts to include late-breaking work in the area; prizes for best papers; a doctoral consortium; and competitive modeling symposia that compare and contrast different approaches to the same phenomena.

The Routledge Handbook of Classics and Cognitive Theory - Peter Meineck 2018-11-21

The Routledge Handbook of Classics and Cognitive Theory is an interdisciplinary volume that examines the application of cognitive theory to the study of the classical world, across several interrelated areas including linguistics, literary theory, social practices, performance, artificial intelligence and archaeology. With contributions from a diverse group of international scholars working in this exciting new area, the volume explores the processes of the mind drawing from research in psychology, philosophy, neuroscience, and anthropology, and

interrogates the implications of these new approaches for the study of the ancient world. Topics covered in this wide-ranging collection include: cognitive linguistics applied to Homeric and early Greek texts, Roman cultural semantics, linguistic embodiment in Latin literature, group identities in Greek lyric, cognitive dissonance in historiography, kinesthetic empathy in Sappho, artificial intelligence in Hesiod and Greek drama, the enactivism of Roman statues and memory and art in the Roman Empire. This ground-breaking work is the first to organize the field, allowing both scholars and students access to the methodologies, bibliographies and techniques of the cognitive sciences and how they have been applied to classics.

Technology-Based Learning Environments - Stella Vosniadou 2012-12-06

The present volume contains a large number of the papers contributed to the Advanced Study Institute on the Psychological and Educational Foundations of Technology-Based Learning Environments, which took place in Crete in the summer of 1992. The purpose of the Advanced Study Institute was to bring together a small number of senior lecturers and advanced graduate students to investigate and discuss the psychological and educational foundations of technology-based learning environments and to draw the implications of recent research findings in the area of cognitive science for the development of educational technology. As is apparent from the diverse nature of the contributions included in this volume, the participants at the ASI came from different backgrounds and looked at the construction of technology-based learning environments from rather diverse points of view. Despite the diversity, a surprising degree of overlap and agreement was achieved. Most of the contributors agreed that the kinds of technology-supported learning environments we should construct should stimulate students to be active and constructive in their knowledge-building efforts, embed learning in meaningful and authentic activities, encourage collaboration and social interaction, and take into consideration students' prior knowledge and beliefs.

Philosophy of Science, Cognitive Psychology, and Educational Theory and

Practice - Richard A. Duschl

This edited volume extends existing discussions among philosophers of science, cognitive psychologists, and educational researchers on the restructuring of scientific knowledge and the domain of science education. This exchange of ideas across disciplinary fields raises fundamental issues and provides frameworks that help to focus educational research programs, curriculum development efforts, and teacher training programs.

Computational Social Psychology - Robin R. Vallacher 2017-05-25

Computational Social Psychology showcases a new approach to social psychology that enables theorists and researchers to specify social psychological processes in terms of formal rules that can be implemented and tested using the power of high speed computing technology and sophisticated software. This approach allows for previously infeasible investigations of the multi-dimensional nature of human experience as it unfolds in accordance with different temporal patterns on different timescales. In effect, the computational approach represents a rediscovery of the themes and ambitions that launched the field over a century ago. The book brings together social psychologists with varying topical interests who are taking the lead in this redirection of the field. Many present formal models that are implemented in computer simulations to test basic assumptions and investigate the emergence of higher-order properties; others develop models to fit the real-time evolution of people's inner states, overt behavior, and social interactions. Collectively, the contributions illustrate how the methods and tools of the computational approach can investigate, and transform, the diverse landscape of social psychology.

Cognitive Load Theory - Fred Paas 2016-11-30

The papers of this special issue demonstrate that cognitive load theory provides the framework for investigations into cognitive processes and instructional design. The genesis of Cognitive Load Theory emerged from an international symposium organized at the bi-annual conference of the European Association for Research on Learning and Instruction in 2001 in Fribourg, Switzerland. Most of the papers are based on contributions to that symposium and

discuss the most recent work carried out within the cognitive load framework. As a whole, this issue is demonstrating that cognitive load theory is continuing its role of using cognitive psychology principles to generate novel instructional design procedures.

Theory and Practice in Functional-Cognitive Space - María de los Ángeles Gómez González
2014-07-22

The differences among functionalist, cognitivist and/or constructionist models are generally taken to be not absolute, but rather a matter of emphasis and degree, with an increasing permeability between paradigms arising from cross-fertilizing influences. This book further explores this burgeoning area of research through the notion of functional-cognitive space, namely, the topography of the space occupied by functional, cognitivist and/or constructionist models against the background of formalist approaches in general and of Chomsky's Minimalism in particular. Specifically, the twelve contributions in the present volume update the reader on recent developments in functionalism (Systemic Functional Grammar, Functional Discourse Grammar and Role and Reference Grammar) and cognitivism (Word Grammar, (Cognitive) Construction Grammar and the Lexical Constructional Model). Plotting cognitive-space proves particularly adequate for situating the six models represented in this volume, not only in relation to each other, but also potentially with respect to a wide spectrum of functionalist, cognitivist and/or constructionist models.

Aspects of a Cognitive-pragmatic Theory of Language - Jan Nuyts 1992

This book is about a theory of language that combines two observations (1) that language is based on an extensive cognitive infrastructure (cognitivism) and (2) that it is functional for its user (functionalism). These observations are regarded as two dimensions of one phenomenon that both need to be accounted for, simultaneously and coherently, in accounting for language. Chapter 1 presents the cognitivist and functionalist points of view and their interrelation and discusses the integration of language research under a cognitive umbrella; the issue of defining 'functions of language', and the formalism-functionalism debate. Chapter 2

criticizes the Chomskyan formalist conception of language and cognition from the perspective of cognitive-pragmatic theory. The focus is on different aspects of the competence-performance dichotomy, and in particular on the nature of linguistic knowledge. The ontogenesis and phylogenesis of language are also discussed. Chapter 3 deals with the potential contribution of a functional-linguistic grammar to an integrated conception of the cognitive systems of language, viz. Dik's Functional Grammar, and introduces the concept of a Functional Procedural Grammar as a more integrative model for language production. Special attention is also paid to the nature of conceptual knowledge and the relationship between language production and interpretation. The debate is illustrated by an analysis of negative-raising.

Cognitive Theory - F. Restle 2018-12-07

First published in 1982. Routledge is an imprint of Taylor & Francis, an informa company.

Toward a Cognitive Theory of Narrative Acts

- Frederick Luis Aldama 2010-05-10

Toward a Cognitive Theory of Narrative Acts brings together in one volume cutting-edge research that turns to recent findings in cognitive and neurobiological sciences, psychology, linguistics, philosophy, and evolutionary biology, among other disciplines, to explore and understand more deeply various cultural phenomena, including art, music, literature, and film. The essays fulfilling this task for the general reader as well as the specialist are written by renowned authors H. Porter Abbott, Patrick Colm Hogan, Suzanne Keen, Herbert Lindenberger, Lisa Zunshine, Katja Mellman, Lalita Pandit Hogan, Klarina Priborkin, Javier Gutiérrez-Rexach, Ellen Spolsky, and Richard Walsh. Among the works analyzed are plays by Samuel Beckett, novels by Maxine Hong Kingston, music compositions by Igor Stravinsky, art by Jean-Baptiste-Simeon Chardin, and films by Michael Haneke. Each of the essays shows in a systematic, clear, and precise way how music, art, literature, and film work in and of themselves and also how they are interconnected. Finally, while each of the essays is unique in style and methodological approach, together they show the way toward a unified knowledge of artistic creativity.

Accounting Education - Seedwell Tanaka

Muyako Sithole 2017-02-24

This book provides a comprehensive and critical overview of learning accounting. It illustrates that when learners need to mentally integrate two or more distinct items of information, it places unnecessary demands on cognitive load. The book discusses the cognitive load theory, which assumes that the task of mental

integration increases the load on already limited working memory, and it does so to such an extent that learning may be severely impeded. The book also investigates how students could deal with cognitive overload when learning introductory accounting using three instructional design formats: the split-attention format, the integrated format, and the self-managed format.