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KEY=MODELS - HUDSON CHANEL

Fluid Concepts And Creative Analogies

Computer Models Of The Fundamental Mechanisms Of Thought

Describes research projects in cognitive science over the past twenty years, and discusses arithmetical play, analogy, research evaluation, and creativity

Models of Thought

<u>Yale University Press</u> *Nobel Laureate Herbert A. Simon has in the past quarter century been in the front line of the information-processing revolution; in fact, to a remarkable extent his and his colleagues' contributions have written the history of that revolution in cognitive psychology. Research in this burgeoning new branch of knowledge seeks to describe with precision the workings of the human mind in terms of a small number of basic mechanisms organized into strategies. Newly developed computer languages express theories of mental processes, so that computers can then simulate the predicted human behavior. This book brings together papers dating from the start of Simon's career to the present. Its focus is on modeling the chief components of human cognition and on testing these models experimentally. After considering basic structural elements of the human information-processing system (especially search, selective attention, and storage in memory), Simon builds from these components a system capable of solving problems, inducing rules and concepts, perceiving, and understanding. These essays describe a relatively austere, simple, and unified processing system capable of highly complex and various tasks. They provide strong evidence for an explanation of human thinking in terms of basic information processes.*

Transfer of Learning from a Modern Multidisciplinary Perspective

<u>IAP</u> *The chapters contained in the book present a new and exciting set of conceptual tools that will not only allow us to think about transfer in more productive ways, but will also enable the development of educational and measurement tools that will greatly facilitate our ability to educate the children in our schools. This volume is eclectic in bringing together researchers from psychology and science education (especially physics)—who would not normally present their ideas under the same forum—to share their views and perspectives on transfer. What we believe has emerged is a fresh look at transfer issues from a multidisciplinary perspective.*

Conceptualizing Music

Cognitive Structure, Theory, and Analysis

Oxford University Press *This book shows how recent work in cognitive science, especially that developed by cognitive linguists and cognitive psychologists, can be used to explain how we understand music. The book focuses on three cognitive processes--categorization, cross-domain mapping, and the use of conceptual models--and explores the part these play in theories of musical organization. The first part of the book provides a detailed overview of the relevant work in cognitive science, framed around specific musical examples. The second part brings this perspective to bear on a number of issues with which music scholarship has often been occupied, including the emergence of musical syntax and its relationship to musical semiosis, the problem of musical ontology, the relationship between words and music in songs, and conceptions of musical form and musical hierarchy. The book will be of interest to music theorists, musicologists, and ethnomusicologists, as well as those with a professional or avocational interest in the application of work in cognitive science to humanistic principles.*

Towards a Theory of Thinking

Building Blocks for a Conceptual Framework

Springer Science & Business Media *What is Thinking? – Trying to Define an Equally Fascinating and Elusive Phenomenon Human thinking is probably the most complex phenomenon that evolution has come up with until now. There exists a broad spectrum of definitions, from subs- ing almost all processes of cognition to limiting it to language-based, sometimes even only to formalizable reasoning processes. We work with a "medium sized" definition according to which thinking encompasses all operations by which cog- tive agents link mental content in order to gain new insights or perspectives. Mental content is, thus, a prerequisite for and the substrate on which thinking operations are executed. The largely unconscious acts of perceptual object stabilization, ca- gorization, emotional evaluation – and retrieving all the above from memory inscriptions – are the processes by which mental content is generated, and are, therefore, seen as prerequisites for thinking operations. In terms of a differentia specifica, the notion of "thinking" is seen as narrower than the notion of "cognition" and as wider than the notion of "reasoning". Thinking is, thus, seen as a subset of cognition processes; and reasoning processes are seen as a subset of thinking. Besides reasoning, the notion of thinking includes also nonexplicit, intuitive, and associative processes of linking mental content. According to this definition, thinking is not dependant on language, i. e. also many animals and certainly all mammals show early forms of thinking.*

Artificial Intelligence

Critical Concepts

Taylor & Francis

Genesis Redux

Essays in the History and Philosophy of Artificial Life

University of Chicago Press *Since antiquity, philosophers and engineers have tried to take life's measure by reproducing it. Aiming to reenact Creation, at least in part, these experimenters have hoped to understand the links between body and spirit, matter and mind, mechanism and consciousness. Genesis Redux examines moments from this centuries-long experimental tradition: efforts to simulate life in machinery, to synthesize life out of material parts, and to understand living beings by comparison with inanimate mechanisms. Jessica Riskin collects seventeen essays from distinguished scholars in several fields. These studies offer an unexpected and far-reaching result: attempts to create artificial life have rarely been driven by an impulse to reduce life and mind to machinery. On the contrary,*

designers of synthetic creatures have generally assumed a role for something nonmechanical. The history of artificial life is thus also a history of theories of soul and intellect. Taking a historical approach to a modern quandary, Genesis Redux is essential reading for historians and philosophers of science and technology, scientists and engineers working in artificial life and intelligence, and anyone engaged in evaluating these world-changing projects.

Conceptual Coordination

How the Mind Orders Experience in Time

<u>Psychology Press</u> *This book bridges the gap between models of human behavior that are based on cognitive task analysis and those based on neural networks. The author argues that these approaches are incomplete and not properly related to each other. His synthesis reconciles the very different conceptualizations of human memory assumed by these two approaches by assuming that 'what the brain remembers' is not a collection of symbols or neurons or even networks of either of these, but rather how to coordinate behavior in time, relating different modalities of conception and movement. A second premise is that behavior sequences are categorized, with perceptual categorizations (sounds, images) comprising the first order of categorization and conceptual categorizations of perceptions and actions in time comprising the second order. The conceptual categorizations are themselves sequenced and categorized, corresponding to the familiar classification hierarchies in cognitive models. Inspired by Bartlett's work, the author seeks to develop a theory of "process memory"--memory for experience in time. Following the methodology of situated cognition, he finds clues in the particulars of human activity, such as typing errors, how a computer interface is used, how a child learns to play in a swimming pool, odd limitations in language comprehension, and so on. Throughout, he examines existing (and often famous) cognitive and neural models with respect to these phenomena. In each case, he attempts to show that the experienced behavior can be understood as sequences of categories being reactivated, substituted, and composed. Ultimately, this analysis is shown to be the link that may lead to improvement of both symbolic and neurally based models of memory and behavior, with concomitant implications for cognitive psychology, artificial intelligence, and cognitive science as a whole.*

From Fingers to Digits

An Artificial Aesthetic

<u>MIT Press</u> *Essays on computer art and its relation to more traditional art, by a pioneering practitioner and a philosopher of artificial intelligence. In From Fingers to Digits, a practicing artist and a philosopher examine computer art and how it has been both accepted and rejected by the mainstream art world. In a series of essays, Margaret Boden, a philosopher and expert in artificial intelligence, and Ernest Edmonds, a pioneering and internationally recognized computer artist, grapple with key questions about the aesthetics of computer art. Other modern technologies—photography and film—have been accepted by critics as ways of doing art. Does the use of computers compromise computer art's aesthetic credentials in ways that the use of cameras does not? Is writing a computer program equivalent to painting with a brush? Essays by Boden identify types of computer art, describe the study of creativity in AI, and explore links between computer art and traditional views in philosophical aesthetics. Essays by Edmonds offer a practitioner's perspective, considering, among other things, how the experience of creating computer art compares to that of traditional art making. Finally, the book presents interviews in which contemporary computer artists offer a wide range of comments on the issues raised in Boden's and Edmonds's essays.*

Fundamentals of Biogeography

<u>Routledge</u> *Fundamentals of Biogeography presents an accessible, engaging and comprehensive introduction to biogeography, explaining the ecology, geography, history and conservation of animals and plants. Starting with an outline of how species arise, disperse, diversify and become extinct, the book examines: how environmental factors (climate, substrate, topography, and disturbance) influence animals and plants; investigates how populations grow, interact and survive; how communities form and change; and explores the connections between biogeography and conservation. The second edition has been extensively revised and expanded throughout to cover new topics and revisit themes from the first edition in more depth. Illustrated throughout with informative diagrams and attractive photos and including guides to further reading, chapter summaries and an extensive glossary of key terms, Fundamentals of Biogeography clearly explains key concepts in the history, geography and ecology of life systems. In doing so, it tackles some of the most topical and controversial environmental and ethical concerns including species over-exploitation, the impacts of global warming, habitat fragmentation, biodiversity loss and ecosystem restoration.*

Ways of Thinking

The Limits of Rational Thought and Artificial Intelligence

World Scientific *This book goes right into the the causes and reasons of the diversity of ways of thinking. It is about the tricks of how our thinking works and about the efforts and failures of artificial intelligence. It discusses what can and cannot be expected of `intelligent' computers, and provides an insight into the deeper layers of the mechanism of our thinking.-An enjoyable piece of reading, this thought-provoking book is also an exciting mental adventure for those with little or no computer competence at all. Contents:The Diversity of Thinking:Logical ThinkingCommon SensePuzzles and ScienceWays of Thinking in Different CulturesLevels of ThinkingThe Building Blocks of Thinking:Cognitive SchemataThe Magic Number SevenSome Tens of Thousands of SchemataSome Tens of Thousands of What?A Challenge for ProgrammersFrom Beginners to GrandmastersProfession — Language — Way of ThinkingArtificial Intelligence at Candidate Master LevelThe Strength of Diversity:The Limits of RationalityHigh-Level Cognitive SchemataMystical ThinkingThe Trick of EvolutionAlternating the Reference SystemsBibliographySourcesIndex Readership: Computer scientists, psychologists, mathematicians and general. Review: "This is a recommended reading for everybody who is interested in basic problems and relations of computer science and human cognition." T Vámos (Hungarian Acad. Sci.) "This very readable and highly enjoyable book explores the arguments and issues underlying the debate about the efficacy of artificial intelligence. The book will be of great interest, not only to computer scientists, mathematicians, engineers, psychologists, philosophers, biologists, and other experts in the field, but also the person without any background in computer science ... I only hope that I have conveyed, a little of the flavour of his truly enjoyable and thought-provoking book." Eugene Clark Journal of Law and Information Science (Australia) "... this book provides some very enjoyable and thought provoking reading ..."Tommy Dreyfus Educational Studies in Mathematics*

Creative Model Construction in Scientists and Students

The Role of Imagery, Analogy, and Mental Simulation

Springer Science & Business Media *How do scientists use analogies and other processes to break away from old theories and generate new ones? This book documents such methods through the analysis of video tapes of scientifically trained experts thinking aloud while working on unfamiliar problems. Some aspects of creative scientific thinking are difficult to explain, such as the power of analogies, and the enigmatic ability to learn from thought experiments. This book is a window on that world.*

Analogy in Indian and Western Philosophical Thought

Springer Science & Business Media *This book is unusual in many respects. It was written by a prolific author whose tragic untimely death did not allow to finish this and many other of his undertakings. It was assembled from numerous excerpts, notes, and fragments according to his initial plans. Zilberman's legacy still awaits its true discovery and this book is a second installment to it after The Birth of Meaning in Hindu Thought (Kluwer, 1988). Zilberman's treatment of analogy is unique in its approach, scope, and universality for Western philosophical thought. Constantly compared to eastern and especially classical Indian interpretations, analogy is presented by Zilberman as an important and in many ways primary method of philosophizing or philosophy-building. Due to its universality, this method can be also applied in linguistics, logic, social analysis, as well as historical and anthropological research. These applications are integral part of Zilberman's book. A prophetic leap to largely uncharted territories, this book could be of considerable interest for experts and novices in the field of analogy alike.*

ECAI 2016

22nd European Conference on Artificial Intelligence, 29 August - 2 September 2016, The Hague, The Netherlands - Including Prestigious Applications of Artificial Intelligence (PAIS 2016)

IOS Press *Artificial Intelligence continues to be one of the most exciting and fast-developing fields of computer science. This book presents the 177 long papers and 123 short papers accepted for ECAI 2016, the latest edition of the biennial European Conference on Artificial Intelligence, Europe's premier venue for presenting scientific results in AI. The conference was held in The Hague, the Netherlands, from August 29 to September 2, 2016. ECAI 2016 also incorporated the conference on Prestigious Applications of Intelligent Systems (PAIS) 2016, and the Starting AI Researcher Symposium (STAIRS). The papers from PAIS are included in this volume; the papers from STAIRS are published in a separate volume in the Frontiers in Artificial Intelligence and Applications (FAIA) series. Organized by the European Association for Artificial Intelligence (EurAI) and the Benelux Association for Artificial Intelligence (BNVKI), the ECAI conference provides an opportunity for researchers to present and hear about the very best research in contemporary AI. This proceedings will be of interest to all those seeking an overview of the very latest innovations and developments in this field.*

Constructing a Future Development Model for China's Basic Education

Springer Nature *Focusing on the future development of basic education in China, and on overcoming related issues, this book identifies key breakthroughs, priorities and important fields of basic education reform. In addition, it introduces the "Three Power Model" – decision-making, principals' leadership, and learning power – to help address the challenges of future development. Unlike much of the research on basic education reform, the book draws on a forward-thinking, realistic and comprehensive project: bringing together 15 universities and research institutes, 16 provincial administration departments, and 100 selected primary and secondary schools, it has also been strongly endorsed by the nation's leaders. After five years of practice and innovation, it has made significant breakthroughs in many provinces. Sharing unique insights into the project and its outcomes, the book offers an invaluable asset for education researchers, primary and secondary school teachers, and anyone interested in the evolution of basic education in China.*

The Handbook of Political Behavior

Volume 1

Springer Science & Business Media *On Revolutions That Never Were "If you want to understand what a science is," the anthropologist Clifford Geertz (1973, p. 5) has written, "you should look in the first instance not at its theories or its findings, and certainly not at what its apologists say about it; you should look at what the practitioners of it do. " If it is not always possible to follow this instruction, it is because the rate of change in scientific work is rapid and the growth of publications reporting on this work is great. It is therefore the task of a handbook, like this Hand book of Political Behavior, to summarize and evaluate what the practi tioners report. But it is always prudent to keep in mind that a handbook is only a shortcut and that there is no substitute for looking directly at what the practitioners of a science do. For when scientists are "at work" (Walter, 1971), the image of what they are doing is often quite different from that conveyed in the "briefs" that, in their own way, make a hand book so valuable that we cannot do without it. These reflections set the stage.*

The Pleasures of Contamination

Evidence, Text, and Voice in Textual Studies

Indiana University Press *Through the concept of contamination, David Greetham highlights various ways that one text may invade another, carrying with it a residue of potential meaning. While the focus of this study is on written works, the scope ranges widely over music, politics, art, science, philosophy, religion, and social studies. Greetham argues that this sort of contamination is not only ubiquitous in contemporary culture, but may also be a necessary and beneficial circumstance. Tracing contamination from the Middle Ages onward, he takes up issues such as the placement of quote marks in Keats's "Ode to a Grecian Urn," the controversy over the use of evidence for "yellowcake" uranium in Niger, and the reconstitution of reality on YouTube, to illustrate that the basic questions of evidence, fact, and voice have always been slippery concepts among humans.*

Developing Thinking and Understanding in Young Children

An Introduction for Students

Routledge *Invaluable for anyone looking to understand young children's thinking, this essential textbook helpfully combines introductions to theories about thinking with observations from real-life practice. The book explores underlying theories behind topics such as: the relationship between nature and nuture models of cognitive development, with ideas from key thinkers such as Piaget, Vygotsky and Bruner basic neuroscience and its application to early childhood the social, emotional and cultural context of children's development emotional intelligence language and thought, including the use of motherese and children's talk in pretend play whether children can think philosophically. The author accompanies every topic with observations from the classroom, supported by her own critical analysis linking theory to practice throughout.*

Systems and Creative Thinking

Pathways to Higher Education

Encyclopedia of Behavior Modification and Cognitive Behavior Therapy

SAGE *The three-volume Encyclopedia of Behavior Modification and Cognitive Behavior Therapy provides a thorough examination of the components of behavior modification, behavior therapy, cognitive behavior therapy, and applied behavior analysis for both child and adult populations in a variety of settings. Although the focus is on technical applications, entries also provide the historical context in which behavior therapists have worked, including research issues and strategies. Entries on assessment, ethical concerns, theoretical differences, and the unique contributions of key figures in the movement (including B. F. Skinner, Joseph Wolpe, Aaron T. Beck, and many others) are also included. No other reference source provides such comprehensive treatment of behavior modification—history, biography, theory, and application.*

An Outline of the History of Economic Thought

OUP Oxford *This book provides a comprehensive overview of the development of economics from its beginnings, at the end of the Middle Ages, up to contemporary developments. It is strong on contemporary theory, providing extensive coverage of the twentieth century, particularly since the Second World War. The second edition has been revised and updated to take account of new developments in economic thought.*

Current Research and Development in Scientific Documentation

Current Research and Development in Scientific Documentation

Essential Philosophy of Psychiatry

Oxford University Press *"Written by one of the people driving forward the new agenda, this book charts these different areas in three sections on Values, Meanings and Facts. it also includes a chapter-by-chapter guide to further reading and a philosophical glossary. As the first overview of this contested field, this is the essential guide to the new philosophy of psychiatry."--BOOK JACKET.*

Lasers in Cardiovascular Medicine and Surgery: Fundamentals and Techniques

Springer Science & Business Media *Following the advent of percutaneous balloon vel oped and are available for clinical use, as well angioplasty, interventional cardiovascular pro as those that are still in investigational phases. cedures have become of great interest to the Clinical case reports are presented by expert in cardiologist, radiologist, and cardiovascular vestigators on the use of various catheter systems surgeon. One of the most extensively explored in the coronary and peripheral circulation. alternatives to bypass surgery is laser-mediated Part V (Chapters 17-23) is the most up-to angioplasty. The fascination with laser radia date review of the clinical experience with vari tion has greatly contributed to its popularity, ous laser delivery systems. There is an emphasis but has also burdened it with unrealistic ex on patient selection, criteria for lesion choice, pectations. Many commercial laser systems are and follow-up data. A detailed description of available to the clinician and the researcher, laser recanalization techniques is presented for which often makes the choice of a laser system the various systems in the clinical setting.*

Enterprise, Business-Process and Information Systems Modeling

11th International Workshop, BPMDS 2010, and 15th International Conference, EMMSAD 2010, held at CAiSE 2010, Hammamet, Tunisia, June 7-8, 2010, Proceedings

Springer *This book contains the proceedings of two well established scienti?c events held in connection with the CAiSE conferences relating to the areas of enterprise, business-processes, and information systems modeling: – The 11th International Workshop on Business Process Modeling, Devel- ment and Support (BPMDS 2010); – The 15th International Conference on Exploring Modeling Methods for S-tems Analysis and Design (EMMSAD 2010). The two events are introduced brie?y below. BPMDS 2010 BPMDS 2010wasthe 11th in a seriesof workshopsthat havesuccessfully served as a forum for raising and discussing new ideas in the area of business process development and support. The BPMDS series has produced 10 workshops from 1998 to 2009. Eight of these workshops, including the last seven (BPMDS 2003–BPMDS 2009) were held in conjunction with CAiSE conferences. The BPMDS workshops focus on topics relating to IT support for business processes, which addresses key issues that are relevant to the continuous development of information systems theory. The continued interest in these topics within the industrial and academic IS communities is re?ected by the success of the last BPMDS workshops and the emergence of new conferences devoted to this theme. Previous BPMDS workshops focused on the di?erent phases in the business processlife-cycleaswellasthedriversthatmotivateandinitiatebusinessprocess design and evolution.*

Methods in Computational Biology

MDPI *Modern biology is rapidly becoming a study of large sets of data. Understanding these data sets is a major challenge for most life sciences, including the medical, environmental, and bioprocess fields. Computational biology approaches are essential for leveraging this ongoing revolution in omics data. A primary goal of this Special Issue, entitled "Methods in Computational Biology", is the communication of computational biology methods, which can extract biological design principles from complex data sets, described in enough detail to permit the reproduction of the results. This issue integrates interdisciplinary researchers such as biologists, computer scientists, engineers, and mathematicians to advance biological systems analysis. The Special Issue contains the following sections: • Reviews of Computational Methods • Computational Analysis of Biological Dynamics: From Molecular to Cellular to Tissue/Consortia Levels • The Interface of Biotic and Abiotic Processes • Processing of Large Data Sets for Enhanced Analysis • Parameter Optimization and Measurement*

Quantum Theoretic Machines

What is thought from the point of view of Physics?

<u>Elsevier</u> *Making Sense of Inner Sense 'Terra cognita' is terra incognita. It is difficult to find someone not taken abackand fascinated by the incomprehensible but indisputable fact: there are material systems which are aware of themselves. Consciousness is self-cognizing code. During homo sapiens's relentness and often frustrated search for self-understanding various theories of consciousness have been and continue to be proposed. However, it remains unclear whether and at what level the problems of consciousness and intelligent thought can be resolved. Science's greatest challenge is to answer the fundamental question: what precisely does a cognitive state amount to in physical terms? Albert Einstein insisted that the fundamental ideas of science are essentially simple and can be expressed in a language comprehensible to everyone. When one thinks about the complexities which present themselves in modern physics and even more so in the physics of life, one may wonder whether Einstein really meant what he said. Are we to consider the fundamental problem of the mind, whose understanding seems to lie outside the limits of the mind, to be essentially simple too? Knowledge is neither automatic nor universally deductive. Great new ideas are typically counterintuitive and outrageous, and connecting them by simple logical steps to existing knowledge is often a hard undertaking. The notion of a tensor was needed to provide the general theory of relativity; the notion of entropy had to be developed before we could get full insight into the laws of thermodynamics; the notice of information bit is crucial for communication theory, just as the concept of a Turing machine is instrumental in the deep understanding of a computer. To understand something, consciousness must reach an adequate intellectual level, even more so in order to understand itself. Reality is full of unending mysteries, the true explanation of which requires very technical knowledge, often involving notions not given directly to intuition. Even though the entire content and the results of this study are contained in the eight pages of the mathematical abstract, it would be unrealistic and impractical to suggest that anyone can gain full insight into the theory that presented here after just reading abstract. In our quest for knowledge we are exploring the remotest areas of the macrocosm and probing the invisible particles of the microcosm, from tiny neutrinos and strange quarks to black holes and the Big Bang. But the greatest mystery is very close to home: the greatest mystery is human consciousness. The question before us is whether the logical brain has evolved to a conceptual level where it is able to understand itself.*

The Oxford Handbook of Political Methodology

<u>Oxford Handbooks of Political</u> *The Oxford Handbooks of Political Science are the essential guide to the state of political science today. With engaging contributions from major international scholars The Oxford Handbook of Political Methodology provides the key point of reference for anyone working throughout the discipline.*

The Predictive Mind

<u>Oxford University Press</u> *Jakob Hohwy explores a new theory in neuroscience: the idea that the brain is essentially a hypothesis-testing mechanism that attempts to minimise the error of its predictions about sensory input. He explains the rich and multifaceted character of our conscious perception, and argues that the mind has a fragile, indirect relation to the world.*

COMMON FUNDAMENTALS AND UNIT OPERATIONS IN THERMAL DESALINATION SYSTEMS - Volume II

These volumes are part of Encyclopedia of Water Sciences, Engineering and Technology Resources in the global Encyclopedia of Life Support Systems (EOLSS), which is an integrated compendium of twenty one Encyclopedias. The three volumes present state-of-the art subject matter of various aspects of Common Fundamentals and Unit Operations in Thermal Desalination Systems such as: Conventional Water Treatment Technologies; Guidelines for Potable Water Purification; Advanced Treatment Technologies for Recycle - Reuse of Domestic Wastewater; Composition of Desalinated Water; Crystallization; Deep Bed Filtration: Modeling Theory and Practice; Distillation ; Rectification; Flocculation and Flocculation Filtration; Hazardous Waste Treatment Technologies; Microfiltration and Ultrafiltration; Post-Treatment of Distillate and Permeate; Pre-Cleaning Measures: Filtration; Raw Water Pre-Treatment: Sludge Treatment Technologies; Supercritical Extraction; Potential for Industrial Wastewater Reuse; Treatment of Industrial Wastewater by Membrane Bioreactors; Unconventional Sources of Water Supply; Problem of Non-Condensable Gas Release in Evaporators; Entrainment in

Evaporators; Mist Eliminators; Chemical Hazards in Seawater Desalination by the Multistage-Flash Evaporation Technique; Concentration of Liquid Foods; Environmental Impact of Seawater Desalination Plants; Environmental Impacts of Intakes and Out Falls; Industrial Ecology, Water Resources, and Desalination; Rural and Urban Water Supply and Sanitation; Sustainable Development, Water Supply and Sanitation Technology These volumes are aimed at the following five major target audiences: University and College Students Educators, Professional Practitioners, Research Personnel and Policy and Decision Makers.

PRE/TEXT

The First Decade

University of Pittsburgh Pre *After the first issue of PRE/TEXT appeared in 1981, a colleague told Victor Vitanza, the creator, editor and publisher of the journal, how disgusted she was by it, how unreadable it was, how devoted to self-aggrandizement-and how much she enjoyed two articles in it. Devoted to exploring and expanding the field of rhetoric and composition by publishing articles considered "inappropriate" by other journals in the field, PRE/TEXT has, from its inception, made people angry. Yet it has survived, and thrived. This collection of essays pays tribute to the first ten years of the journal, and each reprinted article is paired with a short comment by the author. Also included is Victor Vitanza's retrospective history of the journal and prospectives for the future.*

Causality

Philosophical Theory Meets Scientific Practice

Oxford University Press, USA *Scientific and philosophical literature on causality has become highly specialised. It is hard to find suitable access points for students, young researchers, or professionals outside this domain. This book provides a guide to the complex literature, explains the scientific problems of causality and the philosophical tools needed to address them.*

Neurotransmitters and Emotions

Frontiers Media SA *This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: frontiersin.org/about/contact.*

Metacognitive Therapy: Science and Practice of a Paradigm

Frontiers Media SA

Fundamentals of Developmental Psychology

Psychology Press *This new edition of the highly successful Fundamentals of Development: The Psychology of Childhood has been thoroughly revised and updated to reflect the exciting new findings in the thriving area of developmental psychology. The book addresses a number of fascinating questions including: Are children born good or bad? What do children understand about the mind? What roles do nature and nurture play in child development? As in the previous edition, the book follows a thematic approach and outlines the main areas of developmental psychology, including classic theories and studies, and offers a broad overview of contemporary research in the field. Each chapter addresses a key topic – such as theory of mind, attachment, and moral development - and is self-contained and comprehensive in its coverage. New chapters in this edition include a detailed look at methods in developmental psychology, an overview of developmental disorders, and an introduction to the burgeoning area of numerical development. The book is student-friendly, with all topics described in straightforward language, illustrated in full colour, and organized as standalone chapters. The text will*

make an excellent companion to introductory courses on developmental psychology, and for instructors there are high-quality lecture slides, and a bank of multiple choice questions. The text is written to be both accessible and comprehensive, and to provide an engaging overview for students and professionals who have little or no background in this area.

The Mechanism of Mind

Understand how your mind works to maximise memory and creative potential

<u>Random House</u> *The Mechanism of Mind presents Edward de Bono's original theories on how the brain functions, processes information and organises it. It explains why the brain, the 'mechanism', can only work in certain ways and introduces the four basic types of thinking that have gone on to inform his life's work, namely 'natural thinking', 'logical thinking',' mathematical thinking' and 'lateral thinking'. De Bono also outlines his argument for introducing the word 'PO' as an alternative to the word 'NO' when putting lateral thinking into practice. Drawing on colourful visual imagery to help explain his theories and thought-processes, from light bulbs and sugar cubes to photography and water erosion, The Mechanism of Mind remains as fascinating and as insightful as it was when it was first published in 1969. This is a must-read for anyone who wants to gain a greater understanding of how the mind works and organises information – and how Edward de Bono came to develop his creative thinking tools.*

Science and the Quest for Reality

<u>Springer</u> *Science and the Quest for Reality is an interdisciplinary anthology that situates contemporary science within its complex philosophical, historical, and sociological contexts. The anthology is divided between, firstly, characterizing science as an intellectual activity and, secondly, defining its social role. The philosophical and historical vicissitudes of science's truth claims has raised profound questions concerning the role of science in society beyond its technological innovations. The deeper philosophical issues thus complement the critical inquiry concerning the broader social and ethical influence of contemporary science. In the tradition of the 'Main Trends of the Modern World' series, this volume includes both classical and contemporary works on the subject.*

ORIGINS - Volume 4 - The Future

<u>White Eagle</u> *Have you ever Wondered....... About Aliens, Pole Shift, and the Future on Mother Earth? About Noah's Ark and the Great Flood? What the Creator's Plan is for the time when the Sun goes out and why He even let that be a possibility? What will become of Mother Earth if Beings do not change their ways? Have you considered what God's plan for the end of Life on Mother Earth is and Why? In this fourth and last volume of Origins, those questions are answered as are so very many, many more. The Great Adventure continues and concludes in Volume four. In this volume, Origins continues to share with the reader the Spiritual Odyssey of White Eagle as he ventures now both back in time as well as forward with Great Pop.*

Democracy and the Political in Max Weber's Thought

<u>University of Toronto Press</u> *Max Weber is best known as one of the founders of modern sociology and the author of the Protestant Ethic and the Spirit of Capitalism, but he also made important contributions to modern political and democratic theory. In Democracy and the Political in Max Weber's Thought, Terry Maley explores, through a detailed analysis of Weber's writings, the intersection of recent work on Weber and on democratic theory, bridging the gap between these two rapidly expanding areas of scholarship. Maley critically examines how Weber's realist 'model' of democracy defines and constrains the possibilities for democratic agency in modern liberal-democracies. Maley also looks at how ideas of historical time and memory are constructed in his writings on religion, bureaucracy, and the social sciences. Democracy and the Political in Max Weber's Thought is both an accessible introduction to Weber's political thought and a spirited defense of its continued relevance to debates on democracy.*