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Lucy Donald Johanson 1990-09-15 Johanson, the discoverer, in 1974, of "Lucy"--the oldest skelton of an erect-walking human yet found--reports the story of his internationally acclaimed find

New Scientist 2003

Flaubert's Tentation Mary Orr 2008-11-13 This is the first comprehensive study in English of Flaubert's least well-known masterpiece, the final version of his Temptation of Saint Anthony (1874). By presuming no prior knowledge, only the intellectual curiosity of its readers, this monograph offers new readings of the seven tableaux which comprise Temptation, and new ways of interpreting the work as a whole. By arguing that Flaubert was imagining his own epoch through the eyes of avisionary saint in the fourth-century AD, the dialogues between religion and science that are the dynamic of the work are elucidated for the first time. By also arguing for the meticulous accuracy of the science of the work, this book proposes in the 'remapping' analogy of its title that Flaubert's Tentation is a paradigmof nineteenth-century French, and indeed European, 'literary science'.

Canadiana 1985

Science John Michels (Journalist) 1883 Vols. for 1911-13 contain the Proceedings of the Helminothological Society of Washington, ISSN 0018-0120, 1st-15th meeting.

From Tools to Symbols Francesco d'Errico 2005-06-01 A number of researchers have tried to characterise the anatomy and behavioural systems of early hominid and early modern human populations in an attempt to understand how we became what we are. Can archaeology, palaeo-anthropology and genetics tell us how and when human cultures developed the traits that make our societies different from those of our closest living relatives? In which cases are these differences substantial, and when do they simply reflect our definitions of culture, species, the image we have of their evolution or of ourselves? From Tools to Symbols, a collection of twenty-seven selected papers from a South African-French conference organised in honour of the well-known palaeo-anthropologist Phillip Tobias, provides a multidisciplinary overview of this field of study. It is based on collaborative research conducted in sub-Saharan Africa by South African, French, American and German scholars in the last twenty years, and represents an excellent synthesis of the palaeontological and archaeological evidence of the last five million years of human evolution.

The Electromagnetic Spectrum of Neutron Stars Altan Baykal 2006-01-20 Neutron stars hold a central place in astrophysics, not only because they are made up of the most extreme states of the condensed matter, but also because they are, along with white dwarfs and black holes, one of the stable configurations that stars reach at the end of stellar evolution. Neutron stars possess the highest rotation rates and strongest magnetic fields among all stars. They radiate prolifically, in high energy electromagnetic radiation and in the radio band. This book is devoted to the selected lectures presented in the 6th NATO-ASI series entitled "The Electromagnetic Spectrum of Neutron Stars" in Marmaris, Turkey, on 7-18 June 2004. This ASI is devoted to the spectral properties of neutron stars. Spectral observations of neutron stars help us to understand the magnetospheric emission processes of isolated radio pulsars and the emission processes of accreting neutron stars. This volume includes spectral information from the neutron stars in broadest sense, namely neutrino and gravitational radiation along with the electromagnetic spectrum. We believe that this volume can serve as graduate level of text including the broad range of properties of neutron stars.

Catalysis by Ceria and Related Materials Alessandro Trovarelli 2013-04-30 This book follows the 2002 edition of *Catalysis by Ceria and Related Materials*, which was the first book entirely devoted to ceria and its catalytic properties. In the ten years since the first edition a massive amount of work has been carried out in the field, and ceria has gained a prominent position in catalysis as one of the most valuable material for several applications. This second edition covers fundamental and applied aspects of the latest advances in ceria-based materials with a special focus on structural, redox and catalytic features. Special emphasis is given to nano-engineered and nano-shaped systems which are a key factor in the predictive and rational design of ceria with novel properties. In addition, the book presents recent advances in emerging and traditional large-scale applications of ceria in catalysis, such as the treatment of emissions from mobile sources (including diesel and gasoline engines). The primary readership includes catalysis and material science researchers from academy and industry and postdoctorate and graduate students in chemistry, chemical engineering and physics. Contents: Crystal and Electronic Structures, Structural Disorder, Phase Transformation, and Phase Diagram of Ceria-Zirconia and Ceria-Based Materials (Masatomo Yashima) Understanding Ceria-Based Catalytic Materials: An Overview of Recent Progress (Juan José Delgado, Eloy del Río, Xiaowei Chen, Ginesa Blanco, José María Pintado, Serafín Bernal and José Juan Calvino) Investigation of the Oxygen Storage and Release Kinetics of Model and Commercial Three-Way Catalytic Materials by Transient Techniques (Angelos M Efstathiou and Stavroula Y Christou) Interaction of Nitrogen Oxides with Ceria-Based Materials (Avelina García-García and Agustin Bueno-López) Atomistic Modelling of Ceria Nanostructures: Introducing Structural Complexity (Dean C Sayle and Thi X T Sayle) Two-Dimensional and Three-Dimensional Ceria-Based Nanoarchitectures (Zhen-Xing Li, Wei Feng, Chao Zhang, Ling-Dong Sun, Ya-Wen Zhang and Chun-Hua Yan) Core-Shell-Type Materials Based on Ceria (Matteo Cargnello, Raymond J Gorte and Paolo Fornasiero) New Developments in Ceria-Based Mixed Oxide Synthesis and Reactivity in Combustion and Oxidation Reactions (Benjaram M Reddy, Thallada Vinod Kumar and Naga Durgasri) Design and Modeling of Active Sites in Metal-Ceria Catalysts for the Water Gas Shift Reaction and Related Chemical Processes (Jose A Rodriguez) Ceria-Based Gold Catalysts: Synthesis, Properties, and Catalytic Performance for the WGS and PROX Processes (Donka Andreeva, Tatyana Tabakova and Lyuba Ilieva) Ceria-Based Formulations for Catalysts for Diesel Soot Combustion (Eleonora Aneggi, Carla de Leitenburg and Alessandro Trovarelli) Ceria and Its Use in Solid Oxide Cells and Oxygen Membranes (Christodoulos Chatzichristodoulou, Peter T Blennow, Martin Søggaard, Peter V Hendriksen and

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Mogens B Mogensen) Transformation of Oxygenated Compounds Derived from Biomass into Valuable Chemicals Using Ceria-Based Solid Catalysts (Laurence Vivier and Daniel Duprez) Ceria-Based Catalysts for Air Pollution Abatement (Anna Maria Venezia, Leonarda Francesca Liotta, Giuseppe Pantaleo and Alessandro Longo) Readership: Graduate students and researchers in the fields of chemistry, physics, materials science and chemical engineering. Keywords: Ceria; Catalysis; Nanomaterials; Exhaust Gas Treatment Key Features: New edition with additional chapters Unique collection of reviews on a specific topic from a wide perspective Distinguished contributors from the field

New Scientist 1989-02-04 *New Scientist* magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, *New Scientist* reports, explores and interprets the results of human endeavour set in the context of society and culture.

Annual Report and Accounts for the Year ... British Broadcasting Corporation 1969

How James Joyce Made His Name: Roberto Harari 2002-07-17 In this lucid and compelling analysis of Lacan's twenty-third seminar, "Le Sinthome," Roberto Harari points to new psychoanalytic pathways that lead beyond Freudian oedipal dynamics. Lacan's seminar measures the boundaries between creativity and neurosis. We learn how poetry and wordplay may offer alternatives to neurotic pain and even psychotic delusions, with Joyce as our subject. This new translation makes the intricacies of Lacan's seminar available to the English-speaking world for the first time. The author's accessible, vigorous prose explains the nuances of Lacanian theory with perfect clarity. In the extraordinary encounter between Lacan and Joyce, Harari reveals unexpected affinities between them both as theorists and writers. It illustrates how literature is the aesthetic domain that is closest to the analytic experience.

Business Modeling and Software Design Boris Shishkov 2018-06-29 This book constitutes the proceedings of the 8th International Symposium on Business Modeling and Software Design, BMSD 2018, held in Vienna, Austria, in July 2018. The 14 full papers and 21 short papers selected for inclusion in this book deal with a large number of research topics: (i) Some topics concern Business Processes (BP), such as BP modeling / notations / visualizations, BP management, BP variability, BP contracting, BP interoperability, BP modeling within augmented reality, inter-enterprise collaborations, and so on; (ii) Other topics concern Software Design, such as software ecosystems, specification of context-aware software systems, service-oriented solutions and micro-service architectures, product variability, software development monitoring, and so on; (iii) Still other topics are crosscutting with regard to business modeling and software design, such as data analytics as well as information security and privacy; (iv) Other topics concern hot technology / innovation areas, such as blockchain technology and internet-of-things. Underlying with regard to all those topics is the BMSD'18 theme: Enterprise Engineering and Software Engineering - Processes and Systems for the Future.

Materials World 1998

Spectral Theory & Computational Methods of Sturm-Liouville Problems Don Hinton 1997-05-06 Presenting the proceedings of the conference on Sturm-Liouville problems held in conjunction

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with the 26th Barrett Memorial Lecture Series at the University of Tennessee, Knoxville, this text covers both qualitative and computational theory of Sturm-Liouville problems. It surveys questions in the field as well as describing applications and concepts.

Science and Structure in Proust's A la Recherche Du Temps Perdu Nicola Luckhurst 2000
Proust's *A la recherche du temps perdu* is a hybrid, a novel-essay, a capacious work of fiction containing a commonplace-book. It might, as Roland Barthes has suggested, be thought of as the product of profound and cherished indecision, Proust's indecision between two styles of writing, the moralistic and the fictive/novelistic/romanesque. *Structure and Science* is an exploration of this indecision. The shorter Proust, Proust the moraliste, is a prolific writer of maxims, from the laws of the passions to the aesthetic manifesto of the *Temps retrouve* to the [rapacious] teeming/fertile/spawning/exuberant/luxuriant reflection(s) on sexuality, politics, society. Yet these maxims, whose grammarlays claim to timelessness, are bound up in narrative, the story of their evolution. And disintegration. Proust's moralizing exposes our affective relationship with law statements, with authority, and it is this question that engages *A la recherche* in an epistemological debate which crosses the boundaries between the two cultures, art and science. What might be called the epistemological alertness of Proust's text is explored at this interface between 'modernist' science and literature.

Thinking Arabic Translation James Dickins 2016-10-04
Thinking Arabic Translation is an indispensable book for linguists who want to develop their Arabic-to-English translation skills. Clear explanations, discussions, examples and exercises enable students to acquire the skills necessary for tackling a broad range of translation problems. The book has a practical orientation, addressing key issues for translators, such as cultural differences, genre, and revision and editing. It is a book on translation method, drawing on a range of notions from linguistics and translation theory to encourage thoughtful consideration of possible solutions to practical problems. This new edition includes: • new material in almost all chapters • a new chapter on parallelism • two new chapters on technical translation: botanical and Islamic finance texts • new and up-to-date examples from all types of translation, covering broad issues that have emerged in the Arab world in recent years • texts drawn from a wide variety of writing types, including newspapers, prose fiction, poetry, tourist material, scientific texts, financial texts, recipes, academic writing, constitutions and political speeches • at least three full-length practical translation exercises in each chapter to complement the discussions and consolidate learning. In addition to the updated *Tutor's Handbook*, a *Supplement*, containing textual material and practical exercises aimed at further developing the translation issues discussed in the main text, and a *Tutor's Handbook to the Supplement*, are available at www.routledge.com/cw/dickins. *Thinking Arabic Translation* is key reading for advanced students wishing to perfect their language skills or considering a career in translation.

Bodily and Spiritual Hygiene in Medieval and Early Modern Literature Albrecht Classen 2017-03-20
While most people today take hygiene and medicine for granted, they both have had their own history. We can gain deep insights into the pre-modern world by studying its health-care system, its approaches to medicine, and concept of hygiene. Already the early Middle Ages witnessed great interest in bathing (hot and cold), swimming, and good personal hygiene. Medical activities grew over time, but even early medieval monks were already great experts in treating the sick. The contributions examine literary, medical, historical texts and images and probe the information we can glean from them. The interdisciplinary approach of this volume makes it possible to view this large field in a complex

and diversified manner, taking into account both early medieval and early modern treatises on medicine, water, bathing, and health. Such a cultural-historical perspective creates a most valuable bridge connecting literary and scientific documents under the umbrella of the history of mentality and history of everyday life. The volume does not aim at idealizing the past, but it definitely intends to deconstruct modern myths about the 'dirty' and 'unhealthy' Middle Ages and early modern age.

Sessional Papers Great Britain. Parliament. House of Commons 1969

Apoptosis Enrico Mihich 2013-11-11 The fifth Annual Pezcoller Symposium entitled, Apoptosis, was held in Trento, Italy, June 9-11, 1993 and was focused on the specific phenomena leading to Programmed Cell Death (PCD) or Apoptosis, and the mechanisms involved. With presentations at the cutting edge of progress and stimulating discussions, this Symposium addressed the genetics and molecular mechanisms determining PCD and the role of this suicidal process in cancer and the immune system. The functions of p53, c myc and bcl 2 in affecting apoptosis in different cell types and the role of ions and intracellular pH changes and that of intranuclear endonucleases are given particular emphasis as are the effects of anticancer agents, hormone imbalances and growth factors. The role of p53, a tumor suppressor gene, in inducing PCD is discussed in detail as pertinent to hematological and non-hematological tumors. The requirement of p53 for the induction of apoptosis by ionizing radiation or adenovirus oncoproteins is outlined. Decision points during the cell cycle affecting the cascade of events leading to PCD are discussed as is their role as "switches" under the control of c-myc and bcl-2 proteins or the influence of cycle specific drugs. The concurrent requirement of multiple signals in determining apoptosis is emphasized. The examples of the role of PCD in the regulation of hematopoiesis, and in the generation of antigen-specific immune repertoire are illustrated.

Future Data and Security Engineering Tran Khanh Dang 2015-11-07 This book constitutes the refereed proceedings of the Second International Conference on Future Data and Security Engineering, FDSE 2015, held in Ho Chi Minh City, Vietnam, in November 2015. The 20 revised full papers and 3 short papers presented were carefully reviewed and selected from 88 submissions. They have been organized in the following topical sections: big data analytics and massive dataset mining; security and privacy engineering; crowdsourcing and social network data analytics; sensor databases and applications in smart home and city; emerging data management systems and applications; context-based analysis and applications; and data models and advances in query processing.

The Posthuman Pandemic Saul Newman 2021-12-30 With the COVID-19 crisis forcing us to reflect in a dramatic way on the limits of the human and the implications of the Anthropocene Age, this timely volume addresses these concerns through an exploration of post-humanism as represented in philosophy, politics and aesthetics. Global pandemics bring into sharp focus the bankruptcy of the neoliberal economic paradigm, the future of the arts sector in society, and our dependence upon political forces outside our control. In response to the recent state of emergency, *The Posthuman Pandemic* highlights the urgent need to rethink our anthropocentrism and develop new political models, aesthetic practices and ways of living. Central to these discussions is the idea of post-humanism, a philosophy that can help us grapple with the crisis, as it takes seriously the unstable ecosystems on which we depend and the precarious nature of our long-cherished notions of agency and sovereignty. Bringing

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together international philosophers, political theorists and media and art theorists, all of whom engage with the posthuman, this volume explores a range of vital subjects, from the inequality revealed by COVID-19 survival rates to museums' role in spreading human-centric understandings of a world struck by human fragility. Facing up to the realities that the coronavirus outbreak has uncovered, *The Posthuman Pandemic* combines both breadth and depth of analysis to take on the posthuman challenges confronting us today.

Theories of Team Cognition Eduardo Salas 2013-06-17 Cognitive processes in teams have been a valuable arena for team researchers to explore. Team cognition research advances and informs a variety of disciplines, including cognitive and social sciences, engineering, military science, organizational science, human factors, medicine, and communications. There has been a great deal of progress in the team cognition literature, yet the field is still in its early stages of maturity. There is much more to be gained from the field's insights and there is a need to unite the diverse array of scholarly ideas that permeate the field. This movement will serve to organize the research and ideas that have surfaced in the field, thereby making them more accessible to different disciplines while at the same time, motivating continued progress in the field. This book aims to be a step in this direction and acts as a forum for leading scholars to share their ideas, theories, models, and conceptions about what matters and where more attention is needed in the field of team cognition.

Science and Technology Policies for the Anti-Terrorism Era A.D. James 2006-09-12 The objectives of the papers included in this volume were to critically consider the science and technology policies necessary for defence against terrorism and other threats to security; to assess the priorities for governments, universities, national laboratories and industrial firms; to identify how governments and the science and technology community can most effectively work together to enhance our security; and to share the experiences of policy makers and policy analysts. The importance and relevance of this selection of papers to the policy community is reflected in the seniority of the contributors. These included Dr. Parney Albright who held the position of Assistant Secretary for Science & Technology at the US Department of Homeland Security as well as senior figures from the UK Home Office, UK Office of Science & Technology, the European Commission and NATO.

Guerilla Guide to Teaching 2nd Edition Sue Cowley 2007-06-05 Gives an insider's perspective into the work of being a teacher in its various aspects - planning, teaching, assessment, technology, management, and career progression, and includes checklists, real-life documents, and sound bites from teachers.

Canadian Books in Print 2003

Parliamentary Papers, House of Commons and Command Great Britain. Parliament. House of Commons 1969

Journal American Chemical Society 2003

Handbook of Research on Collaborative Learning Using Concept Mapping Lupion Torres, Patricia 2009-07-31 This new encyclopedia discusses the extraordinary importance of internet technologies, with a particular focus on the Web.

Experimental Semiotics Bruno Galantucci 2012-09-05 In the early twentieth century, Ferdinand de Saussure envisioned "a science which studies the role of signs as part of social life". About a century later, a science has emerged that is very much in the spirit of that envisioned by de Saussure. Researchers who are developing this science, which has been labeled Experimental Semiotics, conduct controlled studies in which human adults develop novel communication systems or impose novel structure on systems provided to them. This volume offers a primer to Experimental Semiotics and presents a set of studies conducted within this new discipline. The volume is an ideal text complement for an advanced graduate seminar and it will be of interest to anyone who wonders how humans assemble and develop new ways to communicate with one another. Originally published in *Interaction Studies* 11:1 (2010).

New Scientist 1979-08-30 New Scientist magazine was launched in 1956 "for all those men and women who are interested in scientific discovery, and in its industrial, commercial and social consequences". The brand's mission is no different today - for its consumers, New Scientist reports, explores and interprets the results of human endeavour set in the context of society and culture.

The Voudon Gnostic Workbook Michael Bertiaux 2007-07-01 A long-awaited new edition of the seminal text on the spiritual system that is a convergence of Gnosticism and Haitian voodoo, *The Voudon Gnostic Workbook* is a singular sacred work that is comprehensive in scope -- from "how to be a lucky Hoodoo" to how magick and voodoo intersect energetically, to esoteric time travel. Complete with charts and graphs and instructive interdimensional physics, *The Voudon Gnostic Workbook* is an "object of desire" among students of the occult. Weiser's long-anticipated republication of this rare text will be an event in the annals of esoteric publishing, as the book itself is somewhat of an "unholy grail." There are listservers devoted to it and much discussion of the mysteries held within its pages. While *The Voudon Gnostic Workbook* has remained a controversial book considered important for masters of metaphysics, it recently came into popular culture and renewed popularity when Grant Morrison revealed it had been the inspiration for his cult comics *The Invisibles*, using the cribbed time travel from Bertiaux's masterwork. Voodoo is not an evil religion and is much misunderstood. It derives from the Dahomean Gods called the "Loa." Esoteric voodoo is actually a highly practical procedure for leading us into making contact with the deepest levels of our being and most ancient modes of consciousness. Michael Bertiaux's *Voudon Gnostic Workbook* is the most comprehensive and illuminating contemporary book on the subject. Launched out of a correspondence course and series of classes for students and followers of Voudon Gnosticism and the OTO, this seminal text is at once one of the most mysterious and magnificent of all esoteric books.

Popular Science 1981-10 Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

Carbon Sequestration and Its Role in the Global Carbon Cycle Brian J. McPherson 2013-05-02 Published by the American Geophysical Union as part of the Geophysical Monograph Series,

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Volume 183. For carbon sequestration the issues of monitoring, risk assessment, and verification of carbon content and storage efficacy are perhaps the most uncertain. Yet these issues are also the most critical challenges facing the broader context of carbon sequestration as a means for addressing climate change. In response to these challenges, Carbon Sequestration and Its Role in the Global Carbon Cycle presents current perspectives and research that combine five major areas: The global carbon cycle and verification and assessment of global carbon sources and sinks Potential capacity and temporal/spatial scales of terrestrial, oceanic, and geologic carbon storage Assessing risks and benefits associated with terrestrial, oceanic, and geologic carbon storage Predicting, monitoring, and verifying effectiveness of different forms of carbon storage Suggested new CO₂ sequestration research and management paradigms for the future. The volume is based on a Chapman Conference and will appeal to the rapidly growing group of scientists and engineers examining methods for deliberate carbon sequestration through storage in plants, soils, the oceans, and geological repositories.

Heinz Von Foerster 1911-2002 Soren Brier 2004 Dedicated to the life and work of Heinz Von Foerster, this is a double issue of the journal "Cybernetics and Human Knowing".

Managing Information 2000

Making Sense of Secondary Science Rosalind Driver 2014-09-19 What ideas do children hold about the natural world? How do these ideas affect their learning of science? Young learners bring to the classroom knowledge and ideas about many aspects of the natural world constructed from their experiences of education and from outside school. These ideas contribute to subsequent learning, and research has shown that teaching of science is unlikely to be effective unless it takes learners' perspectives into account. Making Sense of Secondary Science provides a concise, accessible summary of international research into learners' ideas about science, presenting evidence-based insight into the conceptions that learners hold, before and even despite teaching. With expert summaries from across the science domains, it covers research findings from life and living processes, materials and their properties and physical processes This classic text is essential reading for all trainee secondary, elementary and primary school science teachers, as well as those researching the science curriculum and science methods, who want to deepen their understanding of how learners think and to use these insights to inform teaching strategies. It also provides a baseline for researchers wishing to investigate contemporary influences on children's ideas and to study the persistence of these conceptions. Both components of Making Sense of Secondary Science - this book and the accompanying teacher's resource file, Making Sense of Secondary Science: Support materials for teachers - were developed as a result of a collaborative project between Leeds City Council Department of Education and the Children's Learning in Science Research Group at the University of Leeds, UK.

Executive Functions Russell A. Barkley 2012-05-09 This groundbreaking book offers a comprehensive theory of executive functioning (EF) with important clinical implications. Synthesizing cutting-edge neuropsychological and evolutionary research, Russell A. Barkley presents a model of EF that is rooted in meaningful activities of daily life. He describes how abilities such as emotion regulation, self-motivation, planning, and working memory enable people to pursue both personal and collective goals that are critical to survival. Key stages of EF development are identified and the far-reaching individual and social costs of EF deficits

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detailed. Barkley explains specific ways that his model may support much-needed advances in assessment and treatment. See also Barkley's empirically based, ecologically valid assessment tools: Barkley Deficits in Executive Functioning Scale (BDEFS for Adults) and Barkley Deficits in Executive Functioning Scale--Children and Adolescents (BDEFS-CA).

RADECS ... 1997

Zero-Dimensional Commutative Rings David F. Anderson 1995-04-10 This work presents advances in zero-dimensional commutative rings and commutative algebra. It illustrates the research frontier with 52 open problems together with comments on the relevant literature, and offers a comprehensive index for easy access to information. Wide-ranging developments in commutative ring theory are examined.