

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO FACULTAD DE PSICOLOGÍA

> Centro de Documentación " Dr. Rogelio Díaz Guerrero"









Centro de Documentación " Dr. Rogelio Díaz Guerrero" Novedades bibliográficas



Shepherd, Stephen (2017). The Wilev Handbook of Evolutionary Neuroscience. West Sussex: Wilev Blackwell.



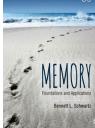
Wilev T h e Handbook of

Evolutionary Neuroscience unifies the diverse strands of an interdisciplinary field exploring the evolution of brains and cognition. A comprehensive reference that unifies the diverse interests and approaches associated with the neuroscientific study of brain evolution and the emergence of cognition.

Provides a broad and balanced view of the subject, reviewing both vertebrate and invertebrate anatomy and emphasizing their shared origins and mechanisms.

Schwartz, Bennet L. (2018). Memory. Foundations and applications. London: Sage publications.

This edition engages students in an exploration of how memory works in



everyday life through unique applications in areas such as education, job-related memory and investigations. Throughout the book, integrated coverage of cognitive psychology and neuroscience connects theory and research to the areas in the brain where memory processes occur. Four overarching themes that create a framework for the text include: the active nature of learning and remembering; memory's status as a biological process; the multiple components of memory systems; and how memory principles can improve our individual ability to learn and remember.

TATADTATATA **Observation & Experiment** PAUL R. ROSENBAUM

Rosenbaum, Paul R. 1.111.111.111. (2017). Observation and experiment. Cambridge: Harvard University Press.

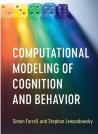
UTANTAN This book is an introduction to causal inference from one of the the the field's leading scholars. Using mathematics and

statistics, author explains key concepts and methods through scientific examples that make complex ideas concrete and abstract principles accessible.

Readers gain an understanding of the design and interpretation of randomized trials, the ways they differ from observational studies, and the techniques used to remove, investigate, and appraise bias in observational studies. Observation and Experiment is a valuable resource for anyone with a interest in the empirical study of human health, behavior, and well-being.

Farrell, Simon. (2018). Computational modeling of cognition and behavior. New York: Cambridge University Press.

Computational modeling is now ubiquitous in psychology. This book presents an integrated framework for the development and application of models in psychology and related disciplines. Researchers and students are given the knowledge and tools to interpret models published in their area, as well as to develop, fit, and test their own models. Both the development of models and key features of any model are covered, as are the applications of models in a variety of domains across the behavioural sciences. A number of chapters are devoted to fitting models using maximum likelihood and Bayesian estimation, including fitting hierarchical and mixture models. Model comparison is described as a core philosophy of scientific inference, and the use of models to understand theories and advance scientific discourse is explained.







Centro de Documentación "Dr. Rogelio Díaz Guerrero" Novedades Bibliográficas



Self-Determination Theory Bate Papaloget Needs Interview Determined.



Ryan, Richard. (2017) Self-determination theory. New York: The Guilford Press.

Self-determination theory (SDT) provides a framework for understanding the factors that promote

motivation and healthy psychological and behavioral functioning. In this work, the codevelopers of the theory comprehensively examine SDT's conceptual underpinnings, empirical evidence base, and practical applications across the lifespan. The volume synthesizes a vast body of research on how supporting-or thwarting-people's basic needs for competence, relatedness, and autonomy affects their development and well-being. Chapters cover implications for practice and policy in education, health care, psychotherapy, sport, and the workplace.



Gough, David. (2017) An introduction to systematic reviews. Los Angeles: Sage publications.

Focused on actively using systematic review as method,

this book provides clear, step-by-step advice on the logic and processes of systematic reviewing.

Stressing the importance of precision and accuracy, this practical text carefully balances a need for insightful theory with real-world pragmatism. The Second Edition features a new chapter on statistical synthesis and introduces a wide range of cutting-edge approaches to research synthesis, including text mining, living reviews, and new ideas in mixed methods reviews, such as qualitative comparative analysis.



THE VELON HARSONG OF 1 Cognitive Control i WILEY Blackwel 2

Egner, Tobias. (2017). The Wiley Handbook of Cognitive Control. West Sussex: Wiley Blackwell.

Covering basic theory, new research, and intersections with adjacent fields, this is the first

reference work on cognitive control – our ability to use internal goals to guide thought and behavior.

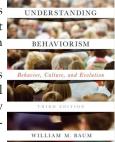
Covers behavioral phenomena of cognitive control, neuroanatomical and computational models of frontal lobe function, and the interface between cognitive control and other mental processes.

Explores the ways in which cognitive control research can inform and enhance our understanding of brain development and neurological and psychiatric conditions.

Baum, William. (2017). Understanding behaviorism. Behavior, culture and evolution. West Sussex: Wiley Blackwell.

Understanding Behaviorism is a classic textbook that explains the basis of behavior analysis and its application to human problems. In this edition, the text has been updated to include the latest developments over the last decade in behaviour analysis, evolutionary theory, and cultural evolution theory.

This book explains behavior analysis and applies it to philosophical and practical problems. Explores ancient concepts such as purpose, language, knowledge, and thought, as well as applying behavioural thinking to contemporary social issues like freedom, democracy, and culture. Part of the new evolutionary perspective for understanding individual behavior in general and culture in particular – culminates with practical approaches to improving the lives of all humanity.





Wyatt, Tristram D. (2017). Animal behaviour. A very short introduction. New York: Oxford University Press.

How animals behave is crucial to their survival and reproduction. The application of new molecular tools such as DNA fingerprinting and genomics is causing a revolution in the study of animal behavior, while developments in computing and image analysis allow us to investigate behavior in ways never previously possible.

In this Very Short Introduction author Wyatt discusses how animal behavior has evolved, how behaviors develop in each individual (considering the interplay of genes, epigenetics, and experience), how we can understand animal societies, and how we can explain collective behavior such as swirling flocks of starlings. Using lab and field studies from across the animal kingdom, he analyzes what drives behavior, and explores instinct, learning, and culture. Looking more widely at behavioral ecology, he

Feldman, Lisa. (2016). Handbook of emotions. New York: The Guilford Press.

Recognized as the definitive reference, this handbook brings together leading experts from multiple psychological subdisciplines to examine one of today's most dynamic areas of research. Coverage encompasses the biological and neuroscientific underpinnings of emotions, as well as developmental, social and personality, cognitive, and clinical perspectives.

The volume probes how people understand, experience, express, and perceive affective phenomena and explores connections to behavior and health across the lifespan. Concluding chapters present cutting-edge work on a range of specific emotions.

Busemeyer, Jerome R. (2014). Quantum models of cognition and decisión. New York: Cambridge University Press.

Much of our understanding of human thinking is based on probabilistic models. This book argues that, actually, the underlying mathematical structures from quantum theory provide a much better account of human thinking than traditional models. They introduce the foundations for modelling probabilistic-dynamic systems using two aspects of quantum theory. The first, 'contextuality', is a way to understand interference effects found with inferences and decisions under conditions of uncertainty. The second, 'quantum entanglement', allows cognitive phenomena to be modeled in non-reductionist ways. Employing these principles drawn from quantum theory allows us to view human cognition and decision in a totally new light.

Introducing the basic principles in an easy-to-follow way, this book does not assume a physics background or a quantum brain and comes complete with a tutorial and fully worked-out applications in important areas of cognition and decision.

Artículo recomendado:

The role of sleep in the relation between young children's mobile media use and effortful control. Nathanson, Amy I.

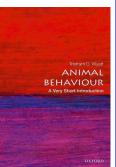
Ohio State University, Columbus, OH, US

Abstract: We explored the relations among young children's mobile media use, sleep, and a form of self-regulation, temperamental effortful control (EC), among a national sample of 402 mothers who completed an online survey. We found that the relation between mobile media use and EC was moderated by children's sleep time. Tablet use was negatively related to EC only among children who slept less at night (40% of our sample). However, hand-held game player use was positively related to EC among children who slept longer at night (60% of our sample). In addition, sleep quality was a mediator in the relation between evening tablet use and EC. Evening use related to later bedtimes, more bedtime resistance, and worse sleep duration, and these indicators of poor sleep quality, in turn, predicted weaker EC. Statement of contribution: What is already known on this subject? 1. Young children are spending increasing amounts of time with mobile media, such as tablets and hand-held game players. 2. Media exposure is related to children's self-regulation. 3. Media exposure is related to children's sleep quality. What does this study adds? 1. Number of sleep hours moderates the relation between mobile media use and EC among young children. 2. Tablet time is negatively related to EC among young children who get fewer sleep hours. 3. Hand-held game playing is positively related to EC among young children who get greater sleep hours. 4. Sleep quality mediates the relation between evening tablet time and EC among young children.

British Journal of Developmental Psychology. Vol. 36(1), 2018, pp. 1-21.

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HANDBOOK OF

EMOTIONS

edited by

Quantum Models of

Decision

me R. Busemeyer Peter D. Bruza

Cognition and

Dunbar, Robin. (2016). Human evolution. New York: Oxford University Press.

Human Evolution focuses on an aspect of evolution that has typically been overshadowed by the archaeological record: the biological, neurological, and genetic changes that occurred with each "transition" in the evolutionary narrative.

The book carefully maps out each stage of the evolutionary process, from anatomical changes such as bipedalism and increase in brain size, to cognitive and behavioral changes, such as the ability to cook, laugh, and use language to form communities through religion and story-telling. Most importantly and interestingly, Dunbar hypothesizes the order in which these evolutionary changes occurred-conclusions that are reached with the "time budget model" theory that Dunbar himself coined.

Cain, M. J. (2016). The philosophy of cognitive science. Cambridge: Polity Press.

In recent decades cognitive science has revolutionised our understanding of the workings of the human mind. Philosopher M.J. Cain discusses the historical origins of cognitive science and its philosophical underpinnings; the nature and role of representations in cognition; the architecture of the mind and the modularity thesis; the nature of concepts; knowledge of language and its acquisition; perception; and the relationship between the brain and cognition.

Cain draws upon an extensive knowledge of empirical developments and their philosophical interpretation. He argues that although the field has generated some challenging new views in recent years, many of the core ideas that initiated its birth are still to be taken seriously.

Haladyna, Thomas. (2013). Developing and validating test items. New York: Routledge.

Since test items are the building blocks of any test, learning how to develop and validate test items has always been critical to the teaching-learning process. As they grow in importance and use, testing programs increasingly supplement the use of selected-response (multiple-choice) items with constructed-response formats. As a result, a new item writing book is needed, one that provides comprehensive coverage of both types of items and of the validity theory underlying them.

This work focus on validity. Validity, the most important consideration in testing, is stressed throughout and is based on the Standards for Educational and Psychological Testing, currently under revision by AERA, APA, and NCME. The book presents various selected and constructed response formats and uses many examples to illustrate correct and incorrect ways of writing items. Strategies for training item writers and developing large numbers of items using algorithms and other item-generating methods are also presented.

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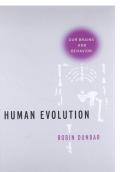
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The Philosophy of Cognitive Science



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