Psychology.

News 11/2011

P. Bob, Charles University, Prague, Czech Republic

Brain, Mind and Consciousness
Advances in Neuroscience Research

Neuropsychological research on the neural basis of behavior generally asserts that brain mechanisms ultimately suffice to explain all psychologically described phenomena. This assumption stems from the idea that the brain consists entirely of material particles and fields, and that all causal mechanisms relevant to neuroscience can be formulated solely in terms of properties of these elements. Contemporary basic physical theory differs from classic physics on the important matter of how consciousness of human agents enters into the structure of empirical phenomena. The new principles contradict the older idea that local mechanical processes alone account for the structure of all empirical data.

Features
► Provides neuroscientists and psychologists with an alternative conceptual framework for describing neural processes. ► First competitive book focused on the issue of consciousness in connection with theory of chaos, complexity, dissociation, and relativity ► Develops the problem of consciousness briefly discussed at the end of the author’s previous book Brain and Dissociated Mind, with a focus on the issue of consciousness in connection with dissociation theory, complexity theory, and other physical theories

Contents

Fields of interests
Neuropsychology; Psychiatry; Neurosciences

Target groups
Research

Product category
Monograph

M. Borgo, BioSiLab, Padova, Italy; A. Soranzo, University of Teesside, Middlesbrough, UK; M. Grassi, BioSiLab, Padova, Italy

MATLAB for Psychologists

The matrix laboratory interactive computing environment—MATLAB—has brought creativity to research in diverse disciplines, particularly in designing and programming experiments. More commonly used in mathematics and the sciences, it also lends itself to a variety of applications across the field of psychology. For the novice looking to use it in experimental psychology research, though, becoming familiar with MATLAB can be a daunting task.

Features
► Presents examples and terminology that address the specific information needs of psychologists ► Not only supplies MATLAB routines that can be used in psychology, it also provides a conceptual frame of reference for readers to design their own experiments in psychology ► Explores connections to such external programs as Excel ► Is useful for both expert and less-experienced computer programmers ► Examines the use of specific toolboxes dedicated to psychologists ► Uses psychological vocabulary combined with real-case examples

Contents

Fields of interests
Psychological Methods/Evaluation; Programming Techniques; Statistics and Computing/Statistics Programs

Target groups
Graduate

Product category
Graduate/Advanced undergraduate textbook

S. L. Christenson, University of Minnesota, Minneapolis, MN, USA; A. L. Reschly, University of Georgia, Athens, GA, USA; C. Wylie, New Zealand Council of Educational Research, Wellington, New Zealand (Eds)

Handbook of Research on Student Engagement

Contents

Fields of interests
Child and School Psychology; Educational Psychology; Public Health/Gesundheitswesen

Target groups
Research

Product category
Handbook

Available
2011. VIII, 144 p. 12 illus. Hardcover
► € 89,95 | £81.00
► * € (D) 96,25 | € (A) 98,95 | sFr 129,00
ISBN 978-1-4614-0435-4

Due March 2012
► € 44,95 | £40.99
► * € (D) 48,10 | € (A) 49,45 | sFr 64,50

Due February 2012
2012. XIX, 843 p. 69 illus., 26 in color. Hardcover
► € 249,00 | £224.50
► * € (D) 266,43 | € (A) 273,90 | sFr 331,50
Technology and Consumption
Understanding Consumer Choices and Behaviors

Technology and Household Consumption is a comprehensive text that provides insights into technology’s impact on consumer behavior and the household environment. Consumption and consumer behavior have become a very important subject of study that is now covered in many disciplines including family economics, culture studies, and feminist/women studies.

Features
- Uniquely focused on the transformation of consumer behaviors due to innovations in technology
- Examines the major areas of consumer interactions with technologies such as shopping, payment, and entertainment
- Provides up-to-date information on changes from both the supply and demand sides
- Features a critical perspective analyzing causes and effects of behavioral transformations currently taking place
- Provides examples to relate to everyday life of consumers in class discussions

Contents

Fields of Interests
Psychotherapy and Counseling; Sociology, general

Target groups
Research

Product category
Monograph

Due December 2011
- approx. € 99.95 | £86.50
- approx. * € (D) 106.95 | € (A) 109.95 | sFr 127.50
ISBN 978-1-4419-5649-1

Stress Proof the Heart
Behavioral Interventions for Cardiac Patients

Features
- This book provides in-depth descriptions of behavioral treatments for distressed cardiac patients
- Contributors are drawn from internationally eminent leaders in behavioral cardiology
- Focuses on how to integrate behavioral treatments into a comprehensive treatment model

Contents

Fields of Interests
Health Psychology; Primary Care Medicine; Cardiology

Target groups
Professional/practitioner

Product category
Professional book

Due February 2012
2012. XIV, 426 p. 18 illus., 7 in color. Hardcover
- € 59.95 | £53.99
- * € (D) 64.15 | € (A) 65.95 | sFr 80.00
ISBN 978-1-4419-5649-1

Cognitive Remediation for Brain Injury and Neurological Illness
Real Life Changes

The purpose of this book is to teach psychologists with a neuropsychology background about cognitive remediation, the evidence in the research literature, and how to develop and conduct a treatment plan and evaluate the effectiveness of the interventions. The approach is illustrated using the computer-assisted cognitive remediation program developed by the author (NeurXercise). Twenty-nine different cases are presented in depth, following the outline presented in the earlier portions of the book. Treatment planning emphasizes Luria’s concepts of alternate functional systems and double dissociation.

Features
- Identifies commonly used neuropsychological test instruments for evaluating cognitive deficits, with emphasis on their input and output characteristics
- Contrasts these with NeurXercise computer-based exercises to highlight connection between testing and treatment
- Appendices are a quick reference for the input and output characteristics of common neuropsychological tests

Contents

Fields of Interests
Neuropsychology; Rehabilitation; Health Psychology

Target groups
Professional/practitioner

Product category
Professional book

Due November 2011
2012. XIII, 158 p. 79 illus. Hardcover
- € 52.95 | £47.99
- * € (D) 56.66 | € (A) 58.25 | sFr 70.50
**Encyclopedia of Autism Spectrum Disorders**

**Contents**
- Acquired autism
- Acuity
- Affective Development
- Agraphia
- Antigluten Therapy
- Aphasia
- Articulation
- Autistic Savants
- Behavior Plan
- Behavioral Assessment
- Birth Complications
- Body Mapping
- Boraker autism Phenotype
- Bruxism
- Capgras Syndrome
- Carnosine
- Ceiling Effect
- Circle Of Communication
- Cluster Analysis
- Consequence-Based Interventions
- Deaf-Blind
- Decoding Skills
- Dendrite
- Desensitization
- Developmental Disabilities
- Diagnostic and Statistical Manual of Mental Disorders (DSM-IV-TR)
- Diazepam
- Dichotic Listening
- Direct Instruction
- Discourse Management
- Dopamine
- Dual Diagnosis
- Dysbiosis
- Dystonia
- Early Development

**Fields of interests**
- Child and School Psychology
- Psychiatry
- Sociology of Education

**Target groups**
- Research

**Product category**
- Encyclopedia

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**The Neuropsychology Toolkit**

**Guidelines, Formats, and Language**

**Features**

- Concise, practical manual for improving the quality of neuropsychological evaluations
- Long and short report formats and sample wording are tremendous time savers
- Fills the gap between academic neuropsychology instruction and real-world practice
- Appendices include neuropsychological questionnaire, short- and long-report formats, and sample statements for sections of the neuropsychological report that are especially challenging to write

**Contents**

**Part I: NeuRules: Guidelines for Improving Assessment and Reporting**
- Chapter 1: Pre-Test
- Chapter 2: Interacting with Others
- Chapter 3: Managing Environmental Considerations
- Chapter 4: Obtaining and Reporting Background Information
- Chapter 5: Selecting Tests and Categorizing Performance
- Chapter 6: Testing, Interpreting, and Reporting Results
- Chapter 7: Reporting Conclusions, Diagnoses, and Recommendations
- Chapter 8: Writing Effectively
- Chapter 9: Controlling Quality
- Chapter 10: Post-Test

**Part II: Formats: Questionnaires and Reports**
- Chapter 11: Neuropsychological Questionnaire--Self-Report Version
- Chapter 12: Neuropsychological Questionnaire--Family Report Version
- Chapter 13: Short Report Format
- Chapter 14: Long Report Format

**Part III: Language**
- Chapter 15: Validity
- Chapter 16: Test Results
- Chapter 17: Conclusions
- Chapter 18: Recommendations
- Appendix: Scoring Key

**Fields of interests**
- Neuropsychology
- Rehabilitation
- Clinical Psychology

**Target groups**
- Professional/practitioner

**Product category**
- Professional book

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**Due September 2012**

**Print**

2013. 2500 p. (In 4 volumes, not available separately)
- € 1200,00 | £1080,00
- *€ (D) 1284,00 | € (A) 1320,00 | sFr 1597,50

**eReference**

2013.
- € 1200,00 | £1080,00
- **€ (D) 1428,00 | € (A) 1440,00 | sFr 1679,00

**Print + eReference**

2013. 2500 p. (In 4 volumes, not available separately)
- € 1500,00 | £1350,00
- *€ (D) 1605,00 | € (A) 1650,00 | sFr 1997,00
ISBN 978-1-4419-1699-0

**Due January 2012**

**Print**

- € 29,95 | £26.99
- *€ (D) 32,05 | € (A) 32,94 | sFr 40,00

**eReference**

2012.
- **€ (D) 32,05 | € (A) 32,94 | sFr 40,00