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introductory MICROECONOMICS Jan 27 2022

Experimental Psychology Jul 09 2020 Kantowitz, Roediger, and Elmes, all prominent researchers, take an example-based approach to the fundamentals of research methodology. The text is organized by topic--such as research in human factors, learning, thinking, and problem solving--and the authors discuss and clarify research methods in the context of actual research conducted in these specific areas. This unique feature helps students connect the concepts of sound methodology with their practical applications. Carefully selected real-world examples allow students to see for themselves the issues and problems that can occur in conducting research. More importantly, students develop a sense of how to anticipate and adjust for problems in their own research. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Warnings and Product Liability Dec 02 2019 European Union citizens are injured each year while using products. Product liability law can contribute to preventing such damage by the way in which liability requirements in the context of warnings are framed and applied. Underlying these warning issues are a number of legal presumptions about how humans behave and interact with products and with their warnings. Primarily, liability law presumes that warnings can be effective in modifying user behavior. Relative to this is the manner in which courts or litigants evaluate product warnings in European product liability law. To rule more consistently and effectively in warning issues, a solution resides in the use of guidelines in European product liability laws that are based on empirical evidence on how humans interact with warnings. This book undertakes a behavioral approach towards the topic of warnings and product liability. Insights from cognitive psychology and ergonomics are essential for a thorough legal analysis of warnings, as they can shed light on people's abilities and limitations with regard to processing warning information, as well as on how the design of products can contribute to preventing accidents. (Series: Civilology - No. 2)

Confronting Chronic Neglect Jun 07 2020 As many as 20 to 25 percent of American adultsâ€"or one in every four peopleâ€"have been victimized by, witnesses of, or perpetrators of family violence in their lifetimes. Family violence affects more people than cancer, yet it's an issue that receives far less attention. Surprisingly, many assume that health professionals are deliberately turning a blind eye to this traumatic social problem. The fact is, very little is being done to educate health professionals about family violence. Health professionals are often the first to encounter victims of abuse and neglect, and therefore they play a critical role in ensuring that victimsâ€"as well as perpetratorsâ€"get the help they need. Yet, despite their critical role, studies continue to describe a lack of education for health professionals about how to identify and treat family violence. And those that have been trained often say that, despite their education, they feel ill-equipped or lack support from by their employers to deal with a family violence victim, sometimes resulting in a failure to screen for abuse during a clinical encounter. Equally problematic, the few curricula in existence often lack systematic and rigorous evaluation. This makes it difficult to say whether or not the existing curricula even works. Confronting Chronic Neglect offers recommendations, such as creating education and research centers, that would help raise awareness of the problem on all levels. In addition, it recommends ways to involve health care professionals in taking some responsibility for responding to this difficult and devastating issue. Perhaps even more importantly, Confronting Chronic Neglect encourages society as a whole to share responsibility. Health professionals alone cannot solve this complex problem. Responding to victims of family violence and ultimately preventing its occurrence is a societal responsibility

Educational Psychology Sep 10 2020 In lucid and jargon-free prose, the text explains and illustrates educational psychology's practical relevance for teachers and learners. The new edition continues to emphasize the applications of research on child development, on learning and cognition, on motivation, and on instruction and assessment. At the same time the text has long been counted on for its state of the art presentation of the field of educational psychology, and this edition continues that tradition with new and expanded coverage of import topics like the brain and neuroscience, the impact of technology on the lives and learning of students, and student diversity. From reviews of the book: "I polled my students . . . and the vast majority actually liked the textbook (which is rare). They find it easy to read, interesting and engaging. . . . This textbook's major strengths are its cognitive perspective, its readability, and the fact that it puts into practice some of the information-processing strategies that it teaches as effective ways to process information. . . ." -Elizabeth Pemberton, University of Delaware "[T]he text is written in a . . . conversational style that invites students to actively explore complex questions about teaching and learning. It is well-organized, supported with visual aids, and various learning tools, such as guidelines, reflection activities, and cases presenting opposing viewpoints. Most importantly, the text is informed and well supported by contemporary scholarship in the field of educational psychology." -Alina Reznitskaya, Montclair State University Video-Enhanced Pearson eText. Included in this package is access to the new Video-Enhanced eText for Educational Psychology: Active Learning Edition exclusively from Pearson. The Video-Enhanced Pearson eText is: Engaging. Full-color online chapters include dynamic videos that show what course concepts look like in real classrooms, model good teaching practice, and expand upon chapter concepts. Over 51 video links, chosen by our authors and other subject-matter experts, are embedded right in context of the content you are reading Convenient. Enjoy instant online access from your computer or download the Pearson eText App to read on or offline on your iPad and Android tablets.* Interactive. Features include embedded video, note taking and sharing, highlighting and search. Affordable. Experience all these advantages of the Video-Enhanced eText along with all the benefits of print for 40% to 50% less than a print bound book. *The Pearson eText App is available for free on Google Play and in the App Store.* Requires Android OS 3.1 - 4, a 7" or 10" tablet or iPad iOS 5.0 or newer

Teaching Adult Language Learners: Enhancing Personal Methodologies May 31 2022 The book is originally intended for postgraduate students of applied linguistics and foreign language teachers who may have some unresolved dilemmas about foreign language education for adults. It opens with a chapter about seven dominant perspectives on the learning process. The book moves across the notions of adulthood, adult learner, adult education, and principles of foreign (the prefix second is interchangeably used) language teaching methodology. The final chapter is designed to help you reflect on your own inclinations towards embracing or rejecting novelties in teaching design. Overall, the first four chapters may appeal to a broad audience, but the final three chapters may require a level of relevant experience and supplementary reading about issues in education and foreign language methodology. This book can be read from cover to cover, but it is not necessary to do so. I encourage you to skip to chapters that you find relevant. Every chapter has a few sections which I labeled Personal Notes where I tried to spare you the academic style and provide some opportunities for reflections by means of my personal experiences, dilemmas, observations, and anecdotes. The chapters also have Highlights which tend to sum up or emphasize key elements in the textbook's segments for which I assumed it would be necessary. Every chapter ends with a few Questions for Reflections and Discussions which are meant to motivate you to reexamine your understanding of the reviewed and proposed ideas.

Educational Data Mining Apr 05 2020 This book is devoted to the Educational Data Mining arena. It highlights works that show relevant proposals, developments, and achievements that shape trends and inspire future research. After a rigorous revision process sixteen manuscripts were accepted and organized into four parts as follows: · Profile: The first part embraces three chapters oriented to: 1) describe the nature of educational data mining (EDM); 2) describe how to pre-process raw data to facilitate data mining (DM); 3) explain how EDM supports government policies to enhance education. · Student modeling: The second part contains five chapters concerned with: 4) explore the factors having an impact on the student's academic success; 5) detect student's personality and behaviors in an educational game; 6) predict students performance to adjust content and strategies; 7) identify students who will most benefit from tutor support; 8) hypothesize the student answer correctness based on eye metrics and mouse click. · Assessment: The third part has four chapters related to: 9) analyze the coherence of student research proposals; 10) automatically generate tests based on competences; 11) recognize students activities and visualize these activities for being presented to teachers; 12) find the most dependent test items in students response data. · Trends: The fourth part encompasses four chapters about how to: 13) mine text for assessing students productions and supporting teachers; 14) scan student comments by statistical and text mining techniques; 15) sketch a social network analysis (SNA) to discover student behavior profiles and depict models about their collaboration; 16) evaluate the structure of interactions between the students in social networks. This volume will be a source of interest to researchers, practitioners, professors, and postgraduate students aimed at updating their knowledge and find targets for future work in the field of educational data mining.

Routledge International Handbook of Medical Education Mar 29 2022 Twenty-first century medical schools, postgraduate bodies and other medical education organisations are responding to rapid advances in medicine, healthcare delivery, educational approaches and technology, and globalisation. Differences in geography, culture, history and resources demand diversity amongst educational systems. This important volume is designed to help medical educators working in today's challenging circumstances by providing an overview of best practices and research in medical education. Routledge International Handbook of Medical Education provides a practical guide to and theoretical support for the major education challenges facing teachers, managers and policy makers around the world. Highlighting how resources can be used to provide effective and sustainable responses to the key issues facing medical educators, the handbook offers a truly international perspective of best practices with contributing editors and authors from around the globe. Routledge International Handbook of Medical Education recognises the need to maintain established best practices when appropriate and to respond adaptively to cultural differences and local conditions facing medical education. This topical book deals with the key challenges facing medical education by the different stakeholders including: - selection and admission of students to study medicine; - competences necessary for graduates to enable them to recognize and address emerging health issues and policies; - teaching and learning processes that are necessary to meet tomorrow's challenges; - approaches to assessment, including the integration of assessment and learning; - design and management of complex curricula that provide educational strategies to meet regional and global problems. A unique, diverse and illustrative resource of best practices in medical education, the handbook is stimulating reading for all educators of present and future health care professionals.

The Challenges of the Digital Transformation in Education Jul 29 2019 This book offers the latest research and new perspectives on Interactive Collaborative Learning and Engineering Pedagogy. We are currently witnessing a significant transformation in education, and in order to face today's real-world challenges, higher education has to find innovative ways to quickly respond to these new needs. Addressing these aspects was the chief aim of the 21st International Conference on Interactive Collaborative Learning (ICL2018), which was held on Kos Island, Greece from September 25 to 28, 2018. Since being founded in 1998, the conference has been devoted to new approaches in learning, with a special focus on collaborative learning. Today the ICL conferences offer a forum for exchanging information on relevant trends and research results, as well as sharing practical experiences in learning and engineering pedagogy. This book includes papers in the fields of: * Collaborative Learning * Computer Aided Language Learning (CALL) * Educational Virtual Environments * Engineering Pedagogy Education * Game based Learning * K-12 and Pre-College Programs * Mobile Learning Environments: Applications It will benefit a broad readership, including policymakers, educators, researchers in pedagogy and learning theory, school teachers, the learning industry, further education lecturers, etc.

Experimental Design in Psychology Jul 01 2022 This text is about doing science and the active process of reading, learning, thinking, generating ideas, designing experiments, and the logistics surrounding each step of the research process. In easy-to-read, conversational language, Kim MacLin teaches students experimental design principles and techniques using a tutorial approach in which students read, critique, and analyze over 75 actual experiments from every major area of psychology. She provides them with real-world information about how science in psychology is conducted and how they can participate. Recognizing that students come to an experimental design course with their own interests and perspectives, MacLin covers many subdisciplines of psychology throughout the text, including IO psychology, child psychology, social psychology, behavioral psychology, cognitive psychology, clinical psychology, health psychology, educational/school psychology, legal psychology, and personality psychology, among others. Part I of the text is content oriented and provides an overview of the principles of experimental design. Part II contains annotated research articles for students to read and analyze. Classic articles have been retained and 11 new ones have been added, featuring contemporary case studies, information on the Open Science movement, expanded coverage on ethics in research, and a greater focus on becoming a better writer, clarity and precision in writing, and reducing bias in language. This edition is up to date with the latest APA Publication Manual (7th edition) and includes an overview of the updated bias-free language guidelines, the use of singular "they," the new ethical compliance checklist, and other key changes in APA style. This text is essential reading for students and researchers interested in and studying experimental design in psychology.

Cognitive Psychology Aug 02 2022 This title provides a historical framework for the modern issues in cognition, enabling students to see the evolution of the field.

The Cambridge Handbook of the Learning Sciences Aug 29 2019 The interdisciplinary field of the learning sciences encompasses educational psychology, cognitive science, computer science, and anthropology, among other disciplines. The Cambridge Handbook of the Learning Sciences is the definitive introduction to this innovative approach to teaching, learning, and educational technology. This dramatically revised second edition incorporates the latest research in the field, includes twenty new chapters on emerging areas of interest, and features contributors who reflect the increasingly international nature of the learning sciences. The authors address the best ways to design educational software, prepare effective teachers, organize classrooms, and use the internet to enhance student learning. They illustrate the importance of creating productive learning environments both inside and outside school, including after-school clubs, libraries, museums, and online learning environments. Accessible and engaging, the Handbook has proven to be an essential resource for graduate students, researchers, teachers, administrators, consultants, educational technology designers, and policy makers on a global scale.

Cognitive Psychology Nov 05 2022 This is world famous book. One of the top sellers in the field, Cognitive Psychology is well-written, humorous and remains the most comprehensive and balanced text in the area of undergraduate cognition. The text features a sequential model of human cognition from sensation to perception, to attention, to memory, to higher-order cognition and features new cutting-edge coverage of consciousness, cognitive neuroscience, memory and forgetting and evolutionary psychology.

STATISTICS IN PSYCHOLOHY AND EDUCATION Oct 31 2019 This extensively revised and fully updated second edition is designed as a textbook for M.A. (Education), M.Ed., M.A. (Psychology and Sociology) and for research students pursuing courses in Statistics related to these subjects. It takes into account the present syllabi of various universities and institutes of education across the country. What's New to the Second Edition : Six new chapters added with empha-sis on advanced statistical concepts and techniques such as the following : - Biserial correlation, point biserial correlation, tetrachoric correlation, phi coefficient, partial and multiple correlation. - Transfer of raw scores into standard scores, T, C and Stanine scores. - Non-parametric tests like the McNemar test, Sign test, Wilcoxon test, Median test, U test, Runs test, and KS test. - Analysis of covariance. Some chapters modified and reshuffled to reflect the new emphasis. Entire text thoroughly checked and marked improvements made to bring the topics uptodate.

Clinical Laboratory Science Review Nov 12 2020

Personality and Intelligence Jan 15 2021 A 1994 collection of essays which explore the work now being done at the interface of intelligence and personality.

Software Engineering Trends and Techniques in Intelligent Systems Aug 10 2020 This book presents new approaches and methods to solve real-world problems as well as exploratory research describing novel approaches in the field of software engineering and intelligent systems. It particularly focuses on modern trends in selected fields of interest, introducing new algorithms, methods and application of intelligent systems in software engineering. The book constitutes the refereed proceedings of the Software Engineering Trends and Techniques in Intelligent Systems Section of the 6th Computer Science On-line Conference 2017 (CSOC 2017), held in April 2017.

Academic Knowledge Construction and Multimodal Curriculum Development Mar 05 2020 "This book presents practical conversations with philosophical and theoretical concerns regarding the use of digital technologies in the educational process, challenging the assumption that information accessibility is synonymous with learning"--

Learning Disabilities and Brain Function Jun 27 2019 Some may say that this book is long overdue; others, including myself, will state that the book appears atjust the right time. The latter is likely more true, for it is doubtful that many in the professions would, until now, link issues of learning disabilities with those of neurophysiological dysfunction in the manner in which ultimately must be the case. As a matter of fact, there are those who deny the relationship completely. Lee Wiederholt (1974)1 in his short, but excellent, review of the historical perspectives of learning disabilities, traces the early interest in this problem to the work of Gall (1802), and to his successors Broca (1861), Jackson (1864), Bastian (1869), and a few others. Each of these men would, at the time of this writing, be considered to have interests in the field of neurology, although at the time of their investigations, neurology per se was but a gleam in the eye of the anatomical beholder. A relative detour then took place. Cerebral palsy, in the decades of the 1940s and 1950s, caught the attention of researchers through the work of Winthrop Morgan Phelps (orthopedist) and George Deaver (physiatrist) and one or two other medically oriented individuals. This was related to the writings of W. J. Little (1810-1894). It was, however, Kurt Goldstein, Heinz Werner, both eminent German scientists, and Alfred A.

Cognitive Psychology: Pearson New International Edition Aug 22 2021 Cognitive Psychology: Applying the Science of the Mind combines clear yet rigorous descriptions of key empirical findings and theoretical principles with frequent real-world examples, strong learning pedagogy, and a straightforward organization. For undergraduate courses in cognitive psychology. Engagingly written, the text weaves five empirical threads - embodied cognition, metacognition, culture, evolution, and emotion -- - throughout the text to help students integrate the material. The text's organization offers an intuitive description of cognition that enhances student understanding by organizing chapters around the flow of a piece of information that enters the cognitive system.

Practical Research Sep 22 2021 For undergraduate or graduate courses that include planning, conducting, and evaluating research. A do-it-yourself, understand-it-yourself manual designed to help students understand the fundamental structure of research and the methodical process that leads to valid, reliable results. Written in uncommonly engaging and elegant prose, this text guides the reader, step-by-step, from the selection of a problem, through the process of conducting authentic research, to the preparation of a completed report, with practical suggestions based on a solid theoretical framework and sound pedagogy. Suitable as the core text in any introductory research course or even for self-instruction, this text will show students two things: 1) that quality research demands planning and design; and, 2) how their own research projects can be executed effectively and professionally.

Cognition and the Visual Arts Apr 29 2022 Applies research on how humans perceive, process and store information to the viewing and interpretation of art. The author argues that the clearest view of the mind comes from creating or experiencing art. The illustrations cover a range of examples but focus primarily on Western art.

Handbook of Children and the Media Sep 30 2019 'Handbook of Children and the Media' brings together the best-known scholars from around the world to summarize the current scope of the research in this field.

The Liminal and The Luminescent Jan 03 2020 Our world is bathed in ongoing biological, political, cultural, climate, and spiritual crises that seem endless. If anything, these disruptions appear to be spiraling into ever larger threat fronts that challenge our survival as a species. Carl Gustav Jung, renowned Swiss psychiatrist, avowed in his archetypal psychology that there is a portal of transforming possibility if we have the courage to enter that doorway. That threshold entering demands that we embrace our individual and collective sufferings and then seek the path of meaning and destiny that is always resident deeply at the core of such trauma. This book narrates how this destiny is found and lived forward for both each individual life and for our varied human cultures. It affirms and gives examples of the deep-soul dimension of life that lies under the often chaotic surface—the liminal realm of animate and guiding dream, vision, myth, and spirituality where the gods meet us so that we all can find our mutual way Home. This liminal world is navigated through the metaphoric and literalness of pilgrimage, performance, and political processes in our personal and cultural lives. What might be your path of destiny?

Insight into Theoretical and Applied Informatics Dec 14 2020 The book is addressed to young people interested in computer technologies and computer science. The objective of this book is to provide the reader with all the necessary elements to get him or her started in the modern field of informatics and to allow him or her to become aware of the relationship between key areas of computer science. The book is addressed not only to future software developers, but also to all who are interested in computing in a widely understood sense. The authors also expect that some computer professionals will want to review this book to lift themselves above the daily grind and to embrace the excellence of the whole field of computer science. Unlike existing books, this one bypasses issues concerning the construction of computers and focuses only on information processing. Recognizing the importance of the human factor in information processing, the authors intend to present the theoretical foundations of computer science, software development rules, and some business aspects of informatics in non-technocratic, humanistic terms.

Intelligent Systems Feb 13 2021 This book features best selected research papers presented at the International Conference on Machine Learning, Internet of Things and Big Data (ICMIB 2020) held at Indira Gandhi Institute of Technology, Sarang, India, during September 2020. It comprises high-quality research work by academicians and industrial experts in the field of machine learning, mobile computing, natural language processing, fuzzy computing, green computing, human–computer interaction, information retrieval, intelligent control, data mining and knowledge discovery, evolutionary computing, IoT and applications in smart environments, smart health, smart city, wireless networks, big data, cloud computing, business intelligence, internet security, pattern recognition, predictive analytics applications in healthcare, sensor networks and social sensing and statistical analysis of search techniques.

The Cognitive Neurosciences Nov 24 2021 "The fourth edition of The Cognitive Neurosciences continues to chart new directions in the study of the biologic underpinnings of complex cognition - the relationship between the structural and physiological mechanisms of the nervous system and the psychological reality of the mind. The material in this edition is entirely new, with all chapters written specifically for it." --Book Jacket.

Motivation Mar 17 2021 Motivation: A Biosocial and Cognitive Integration of Motivation and Emotion shows how motivation relates to biological, social, and cognitive issues. A wide range of topics concerning motivation and emotion are considered, including hunger and thirst, circadian and other biological rhythms, fear and anxiety, anger and aggression, achievement, attachment, and love. Goals and incentives are discussed in their application to work, child rearing, and personality. This book reviews an unusual breadth of research and provides the reader with the scientific basis for understanding motivation as a major variable in human and animal life. It also offers insights that can be applied to immediate and practical problems. Various areas are examined in depth, such as the relationships between reward, incentives, and motivation. The discussion of biological rhythms shows that humans and animals are more alert at certain times than others, and these rhythms also affect performance. The topics in the book span the ways in which motivation connects with many aspects of contemporary psychology. Basic issues of design and methodology, details of research procedures, and important aspects of definition and measurement, are discussed throughout the book. Motivation: A Biosocial and Cognitive Integration of Motivation and Emotion examines the way motivation functions and how it interacts with other important variables: physiological processes; learning, attention, and memory; rewards and stressors; the role of culture as well as species characteristics. The presentation makes clear in what important ways motivation, as a construct, contributes to the scientific understanding of behavior. The book offers advanced undergraduate and graduate students a broad overview of motivation. It also is of value for the professional psychologist who seeks an integrated overview of the classical and contemporary literature in the field of motivation. The book provides information on a broad range of issues and thus can be used also as supplementary reading for courses on cognition and biological as well as social psychology.

Perspectives on Framing Jul 21 2021 Language comprises a major mark of humans compared with other primates and is the main vehicle for social interaction. A major characteristic of any natural language is that the same communication, idea, or intention can be articulated in different ways—in other words, the same message can be "framed" differently. The same medical treatment can be portrayed in terms chance of chance of success or chance of failure; energy reduction can be expressed in terms of savings per day or savings per year; and a task can be described as 80% completed or 20% uncompleted. In this book, contributors from a variety of disciplines—psychology, linguistics, marketing, political science, and medical decision making—come together to better understand the mechanisms underlying framing effects and assess their impact on the communication process.

Cognitive and Emotional Processes in Web-Based Education: Integrating Human Factors and Personalization May 07 2020 "This book presents theories and practical frameworks to assist educators and trainers in developing e-learning applications"--Provided by publisher.

Advances in Spatio-Temporal Segmentation of Visual Data Feb 25 2022 This book proposes a number of promising models and methods for adaptive segmentation, swarm partition, permissible segmentation, and transform properties, as well as techniques for spatio-temporal video segmentation and interpretation, online fuzzy clustering of data streams, and fuzzy systems for information retrieval. The main focus is on the spatio-temporal segmentation of visual information. Sets of meaningful and manageable image or video parts, defined by visual interest or attention to higher-level semantic issues, are often vital to the efficient and effective processing and interpretation of viewable information. Developing robust methods for spatial and temporal partition represents a key challenge in computer vision and computational intelligence as a whole. This book is intended for students and researchers in the fields of machine learning and artificial intelligence, especially those whose work involves image processing and recognition, video parsing, and content-based image/video retrieval.

Who's Talking? The Effect of Personalised Voice on Speech Generating Devices for the Child with Autism Feb 02 2020 A significant number of individuals with Autism Spectrum Disorder (ASD) never gain functional speech across their lifespan. For many of these individuals, Speech Generating Devices (SGDs) have provided them with opportunities to verbalise their thoughts and needs to others. Recently, technology has developed to make these devices sound more like the person using them. The idea is that a more 'natural' voice, rich in accent, gender and tone, will create a greater sense of ownership for communication in the child, thus enhancing the frequency and richness of the child's social interactions. This book investigates the ability of the child with ASD to recognise voice. It takes the reader on a journey, vividly questioning the assumption that voice recognition is a simple task for the typically developing child, the child with developmental delays and the child with autism. Each chapter unfolds into the next with a sense of purpose, curiosity and determination, in order to assess the potential of natural voice in SGDs for the child with ASD.

The Child as Thinker May 19 2021 First published in 1993. Routledge is an imprint of Taylor & Francis, an informa company.

Handbook of Research on Managing and Designing Online Courses in Synchronous and Asynchronous Environments Jun 19 2021 In order to be successful, online learning should be planned systematically. It can be said that offering distance education courses without preparation and knowledge about the theoretical background can cause drawbacks. While distance education has become widespread and popular, it is observed that there could be problems in its application. Such problems can include technical problems, inability to meet the learning needs at the learners' own speeds, lack of communication among learners and between learners and teachers, and lack of quality materials appropriate for online learning or the inclusion of materials used in traditional methods directly into online learning. For successful online courses, these critical aspects of distance education are important, and they should be taken into account by the institutions and the instructors offering online courses. The Handbook of Research on Managing and Designing Online Courses in Synchronous and Asynchronous Environments provides up-to-date knowledge and experiences regarding technologies, processes, and environments for online course design in distance education systems and covers topics related to the aspects of successful distance education systems with a focus on teaching and learning in online environments. Focusing on topics such as instructional design and integrated systems, it is an ideal guide for online course designers, instructional designers, curricula developers, administrators, educators, researchers, trainers, and students.

Experimental Psychology: A Case Approach, 7/E Sep 03 2022

Cognitive Psychology Apr 17 2021 Cognitive Psychology is a brand new textbook by Ken Gilhooly, Fiona Lyddy & Frank Pollick. Based on a multidisciplinary approach, the book encourages students to make the connections between cognition, cognitive neuroscience and behaviour. The book provides an up-to-date, accessible introduction to the subject, showing students the relevance of cognitive psychology through a range of examples, applications and international research. Recent work from neuroscience is integrated throughout the book, and coverage is given to rapidly-developing topics, such as emotion and cognition. Cognitive Psychology is designed to provide an accessible and engaging introduction to Cognitive Psychology for 1st and 2nd year undergraduate students. It takes an international approach with an emphasis on research, methodology and application.

An Introduction to Experimental Design in Psychology Oct 12 2020

Experimental Psychology Oct 04 2022 Presenting a principle or problem in experimental design, the authors then show how the problem has been dealt with in psychological literature. Organized into two parts (Basic Principles of Experimental Design and Analysis of Experiments), this book combines a text and case approach to examine the methods of experimental psychology. Using published research findings, students read, critique, and analyze actual cases/experiments from all aspects of psychology that exemplify various design principles.

Experimental Psychology Oct 24 2022 Focusing on experimental methods, authors Anne Myers and Christine Hansen lead students step by step through the entire research process, from generating testable hypotheses to writing the research report. The major sections of the book parallel the major sections of a research report (Introduction, Method, Results, and Discussion), giving students the skills they'll need to design and conduct an experiment, analyze and interpret the research findings, and report those findings. Although the main focus is on experimentation, alternative approaches are discussed as important complements. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The MIT Encyclopedia of the Cognitive Sciences (MITECS) Dec 26 2021 Since the 1970s the cognitive sciences have offered multidisciplinary ways of understanding the mind and cognition. The MIT Encyclopedia of the Cognitive Sciences (MITECS) is a landmark, comprehensive reference work that represents the methodological and theoretical diversity of this changing field. At the core of the encyclopedia are 471 concise entries, from Acquisition and Adaptationism to Wundt and X-bar Theory. Each article, written by a leading researcher in the field, provides an accessible introduction to an important concept in the cognitive sciences, as well as references or further readings. Six extended essays, which collectively serve as a roadmap to the articles, provide overviews of each of six major areas of cognitive science: Philosophy; Psychology; Neurosciences; Computational Intelligence; Linguistics and Language; and Culture, Cognition, and Evolution. For both students and researchers, MITECS will be an indispensable guide to the current state of the cognitive sciences.