Cyberpsychology: An Introduction to Human-Computer Interaction

By Kent L. Norman

Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman

Cyberpsychology is about humans and computers and the psychology of how they interact. Computers permeate nearly every human activity in the modern world and affect human behavior from the most basic sensory-motor interactions to the most complex cognitive and social processes. This book begins with a brief history of psychology and computers and a comparison of the human nervous system and the circuitry of a computer. A number of theories and models of human-computer interaction are presented, as well as research methods and techniques for usability testing. Following the typical contents of an introduction to psychology, the book then discusses sensation and perception, learning and memory, thinking and problem solving, language processing, individual differences, motivation and emotion, social relations, and abnormal behavior as they impact the human-computer interface. Finally, specific issues of artificial intelligence, assistive technologies, video games, and electronic education are presented. Cyberpsychology is the new psychology.

Download Cyberpsychology: An Introduction to Human-Computer ...pdf

Read Online Cyberpsychology: An Introduction to Human-Comput ...pdf

Cyberpsychology: An Introduction to Human-Computer Interaction

By Kent L. Norman

Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman

Cyberpsychology is about humans and computers and the psychology of how they interact. Computers permeate nearly every human activity in the modern world and affect human behavior from the most basic sensory-motor interactions to the most complex cognitive and social processes. This book begins with a brief history of psychology and computers and a comparison of the human nervous system and the circuitry of a computer. A number of theories and models of human-computer interaction are presented, as well as research methods and techniques for usability testing. Following the typical contents of an introduction to psychology, the book then discusses sensation and perception, learning and memory, thinking and problem solving, language processing, individual differences, motivation and emotion, social relations, and abnormal behavior as they impact the human-computer interface. Finally, specific issues of artificial intelligence, assistive technologies, video games, and electronic education are presented. Cyberpsychology is the new psychology.

Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman Bibliography

- Sales Rank: #945412 in Books
- Brand: Brand: Cambridge University Press
- Published on: 2008-08-18
- Released on: 2008-11-13
- Original language: English
- Number of items: 1
- Dimensions: 9.96" h x .91" w x 6.97" l, 1.75 pounds
- Binding: Paperback
- 446 pages

Download and Read Free Online Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman

Editorial Review

Review
"What does psychology have to contribute to our understanding of how people interact with computers? In Cyberpsychology, Kent Norman shares his thoughts on the psychology of human-computer interaction based on his more than 20 years of pioneering experience in the field. The book is broad in its coverage and grounded in the historical underpinnings of this important topic."
-Richard E. Mayer, Professor of Psychology and author of Multimedia Learning, University of California, Santa Barbara

"This is a thought-provoking book about how human behavior has become increasingly linked to the technology that infuses so many aspects of our lives. Norman makes a strong argument that the study of human psychology must include the study of human-computer interaction."
-Marc M. Sebrechts, Department of Psychology, The Catholic University of America

"Finally, a highly readable book that bridges psychology and computing in a fresh and appealing way. Cyberpsychology is a well-crafted blend of intriguing scenarios and thought-provoking examples. Norman's unifying frameworks will engage students and professionals, while giving them new ways of thinking about their technology centered world. It uses the popular notions about the similarity between humans and computers, but wisely and clearly identifies the differences."
-Ben Shneiderman, University of Maryland

"This book is an excellent contribution to the academic study of cyberspace as viewed through the lens of scientific psychology. It explores cyberpsychology from a very comprehensive perspective, covering all the major disciplines within psychology, ranging from issues concerning biology, sensation, and perception, all the way through interpersonal, social, and cultural issues. For anyone interested in a broad understanding of how psychological knowledge elucidates online behavior, this is a must read."
-John Suler, PhD, Professor of Psychology, Rider University, author of the online book "The Psychology of Cyberspace"

"[...] The author presents a wide range of topics in an overview style, rather than a detailed synopsis of a few relevant topics. The focus is on people interacting with technology, rather than technology as a system. [...] nicely balanced history from tangential fields, [...]. [...] Norman introduces various contributors to the field , ranging from psychology's Wilhelm Wundt to communication's Claude Shannon. Each chapter includes an overview and summary section and begins with scenarios that prepare the reader for upcoming content. The text seems well researched as evidence by the numerous citations, [...]. Recommended."
--B.G. Tucker, Faulkner University, Choice

"...Written to cover all levels of ability and including helpful figures and illustrations, this book has sufficient depth to appeal to the most able students while the clear and accessible text, written by an experienced cyberpsychology researcher, will help students who find the material difficult. It will appeal to any student

on an undergraduate psychology degree course as well as to medical students and those studying in related clinical professions such as nursing."
--Thomas D. Parsons, PsycCRITIQUES [Vol. 54, Release 29, Article 8]

About the Author
Kent Norman received his doctorate from the University of Iowa in experimental psychology and is an associate professor in the Department of Psychology at the University of Maryland. He is the director of the Laboratory for Automation Psychology and Decision Processes (LAPDP) and is a founding member of the Human/Computer Interaction Laboratory (HCIL) in the University of Maryland Institute for Advanced Computer Studies (UMIACS). His research is on judgment and decision making and problem solving, particularly as they pertain to human-computer interaction and cognitive issues in interface design. Dr. Norman is the author of The Psychology of Menu Selection: Designing Cognitive Control at the Human/Computer Interface, and he is the developer of HyperCourseware(TM), a Web-based prototype for electronic educational environments reported on in his online text: Teaching in the Switched On Classroom (1999, http://lap.umd.edu/soc). He is co-author of the QUIS: The Questionnaire for User Interaction Satisfaction, licensed by the university to corporate and government usability labs, and he is currently doing research on 'computer rage'. Dr Norman is the author or co-author of more than 80 journal articles and book chapters.

Users Review

From reader reviews:

Loretta Tellis:

Do you one of people who can't read enjoyable if the sentence chained from the straightway, hold on guys this specific aren't like that. This Cyberpsychology: An Introduction to Human-Computer Interaction book is readable simply by you who hate the perfect word style. You will find the facts here are arrange for enjoyable reading through experience without leaving even decrease the knowledge that want to offer to you. The writer of Cyberpsychology: An Introduction to Human-Computer Interaction content conveys the idea easily to understand by lots of people. The printed and e-book are not different in the information but it just different available as it. So , do you continue to thinking Cyberpsychology: An Introduction to Human-Computer Interaction is not loveable to be your top list reading book?

Miles Towles:

A lot of people always spent their particular free time to vacation as well as go to the outside with them family or their friend. Did you know? Many a lot of people spent these people free time just watching TV, or playing video games all day long. If you would like try to find a new activity this is look different you can read some sort of book. It is really fun for you personally. If you enjoy the book that you read you can spent the whole day to reading a book. The book Cyberpsychology: An Introduction to Human-Computer Interaction it doesn't matter what good to read. There are a lot of people who recommended this book. They were enjoying reading this book. In case you did not have enough space to develop this book you can buy typically the e-book. You can m0ore easily to read this book from the smart phone. The price is not to cover but this book features high quality.

Randy Johnson:

You are able to spend your free time to study this book this reserve. This Cyberpsychology: An Introduction to Human-Computer Interaction is simple to create you can read it in the park your car, in the beach, train along with soon. If you did not get much space to bring the printed book, you can buy the e-book. It is make you easier to read it. You can save typically the book in your smart phone. Consequently there are a lot of benefits that you will get when one buys this book.

Tommy Wright:

As we know that book is vital thing to add our information for everything. By a reserve we can know everything we want. A book is a pair of written, printed, illustrated or perhaps blank sheet. Every year was exactly added. This reserve Cyberpsychology: An Introduction to Human-Computer Interaction was filled regarding science. Spend your free time to add your knowledge about your scientific research competence. Some people has various feel when they reading the book. If you know how big good thing about a book, you can feel enjoy to read a reserve. In the modern era like now, many ways to get book that you simply wanted.

Download and Read Online Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman #32HOIVBJ1A8

Read Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman for online ebook

Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman books to read online.

Online Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman ebook PDF download

Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman Doc

Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman Mobipocket

Cyberpsychology: An Introduction to Human-Computer Interaction By Kent L. Norman EPub