1. Record Nr.   UNISA996202164503316

   Titolo   International Test Conference 2004 : proceedings : October 26-October
                                 28, 2004, Charlotte Convention Center, Charlotte, NC, USA

   Pubbl/distr/stampa   [Place of publication not identified], : International Test Conference,
                                 2004

   Disciplina   621.3815/48

   Soggetti   Integrated circuits - Testing
                                 Electronic digital computers - Testing - Circuits
                                 Telecommunication
                                 Radio frequency
                                 Electrical Engineering
                                 Electrical & Computer Engineering
                                 Engineering & Applied Sciences

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Bibliographic Level Mode of Issuance: Monograph

2.	Record Nr.	UNINA9910742490703321
	Autore	Mukherjee Sumitava
	Titolo	Applied Cognitive Science and Technology : Implications of Interactions Between Human Cognition and Technology / / edited by Sumitava Mukherjee, Varun Dutt, Narayanan Srinivasan
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
	ISBN	9789819939664 9819939666
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (261 pages)
	Altri autori (Persone)	DuttVarun SrinivasanNarayanan
	Disciplina	620.82
	Soggetti	Cognition Intellect Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Towards Behavioral AI: Cognitive factors underlying the public psychology of artificial intelligence -- Defining the Relationship Between Level of Autonomy in a Computer and Cognitive Workload of its User -- Cognitive effects of anthropomorphization of artificial agents in human-agent interactions -- Psychological Factors Driving Adoption of Decision Support Tools -- Model-based operator assistance: How to match engineering models with humans' cognitive representations of their actions? -- Behavioral cyber-security: Influence of availability of information about opponent's actions on decision-making in markov-security games -- Exploring Cybercriminal Activities, Behaviours and Profiles -- Computer Vision Technology: Do Deep Neural Networks Model Nonlinear Compositionality in the Brain's Representation of Human-Object Interactions? -- Evaluation of different deep reinforcement learning algorithms in complex search-and-retrieve virtual simulation against human performance -- Cognate Identification to Augment Lexical resources for NLP -- Psychophysiological Monitoring to Improve Human-Computer Collaborative Tasks -- Human-Technology interfaces: Did 'I' do it?

Agency, Control and why it matters -- Effects of Analogies and Analogical Distance on Ideation in Conceptual Phase of Engineering Design -- Humiliation and Technology: Dilemmas and Challenges for State, Civil Society and Industry.-Technology: Does It Help or Harm Intelligence—or Both?.

Sommario/riassunto	This book fills the long-pending gap in consolidating research on applied cognitive science and technology. It explores the broader implications of interactions between human cognition and technology by touching upon artificial intelligence (AI) and artificial agents, decision support and assistance support systems, cybersecurity threats, computational modeling of cognition through artificial neural networks and machine learning, human factors, engineering design, and social media interfaces. With an interdisciplinary scope that addresses psychological and technological issues, this unique book shows how cognitive science is furthered by technology(or platforms) while simultaneously illustrating how the study of cognitive processes is helping shape technological products. Accordingly, it offers a valuable resource for researchers and practitioners in a broad array of fields, such as psychology, science, engineering and management.