1. Record Nr.   UNINA9910483175503321

   Titolo   Foundations of Augmented Cognition: Neuroergonomics and
                    Operational Neuroscience : 10th International Conference, AC 2016,
                    Held as Part of HCI International 2016, Toronto, ON, Canada, July 17-
                    22, 2016, Proceedings, Part II / / edited by Dylan D. Schmorrow, Cali M.
                    Fidopiastis

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, ,
                        2016

   ISBN   3-319-39952-7

   Edizione   [1st ed. 2016.]

   Descrizione fisica   1 online resource (XX, 446 p. 108 illus.)

   Collana   Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 9744

   Disciplina   004.019

   Soggetti   User interfaces (Computer systems)
                    Human-computer interaction
                    Artificial intelligence
                    Computers and civilization
                    Education - Data processing
                    User Interfaces and Human Computer Interaction
                    Artificial Intelligence
                    Computers and Society
                    Computers and Education

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   Augmented Cognition in Training and Education -- Agent-Based
                       Practices for an Intelligent Tutoring System Architecture -- Intelligent
                       Tutoring gets Physical: Coaching the Physical Learner by Modeling the
                       Physical World -- Measuring Stress in an Augmented Training
                       Environment: Approaches and Applications -- Alternate Rubric for
                       Performance Assessment of Infantry Soldier Skills Training --
                       Leveraging Interoperable Data to Improve Training Effectiveness Using
                       the Experience API (xAPI) -- Practical Requirements for ITS Authoring
                       Tools from a User Experience Perspective -- Making Sense of Cognitive
                       Performance in Small Unit Training -- Considerations for Immersive
                       Learning in Intelligent Tutoring Systems -- Elements of Adaptive

Instruction for Training and Education -- Adaptive Instruction for Individual Learners within the Generalized Intelligent Framework for Tutoring (GIFT).-Applying Augmented Cognition to Flip-Flop Methodology -- Real-time Assessment of Cognitive State: Research and Implementation Challenges -- How Novices Read Source Code in Introductory Courses on Programming: An Eye-Tracking Experiment -- Human Cognition and Behavior in Complex Tasks and Environments -- Implementing User-Centered Methods and Virtual Reality to Rapidly Prototype Augmented Reality Tools for Firefighters -- RevealFlow: A Process Control Visualization Framework -- Paradigm Development for Identifying and Validating Indicators of Trust in Automation in the Operational Environment of Human Automation Integration -- Performance-based Eye-tracking Analysis in a Dynamic Monitoring Task -- Exploring the Hybrid Space: Theoretical Framework Applying Cognitive Science in Military Cyberspace Operations -- Empirical Study of Secure Password Creation Habit -- Team Cognition as a Mechanism for Developing Collaborative and Proactive Decision Support in Remotely Piloted Aircraft Systems -- Supporting Multi-Objective Decision Making within a Supervisory Control Environment -- Assessment of expert interaction with multivariate time series 'big data' -- Aircraft Pilot Intention Recognition for Advanced Cockpit Assistance Systems -- Explaining a Virtual Worker's Job Performance: The Roles of Psychological Distance -- Training Tactical Combat Casualty Care with an Integrated Training Approach -- Exploratory Trajectory Clustering with Distance Geometry -- Interaction in Augmented Cognition -- Serial Sequence Learning On Digital Games -- Text Simplification and User Experience -- A proposed approach for determining the influence of multimodal robot-of-human transparency information on human-agent teams -- Assessment of visualization interfaces for assisting the development of multi-level cognitive maps -- Interactive Visualization of Multivariate Time Series Data -- Investigation of Multimodal Mobile Applications for Improving Mental Health -- Integrating Methodology for Experimentation using Commercial Off-the-Shelf Products for Haptic Cueing -- Understanding Older Adults' Perceptions of In-Home Sensors Using an Obtrusiveness Framework -- The Role of Simulation in Designing Human-Automation Systems -- Navigating with a Visual Impairment: Problems, Tools, and Possible Solutions -- A Systems Approach for Augmented Reality Design -- Social Cognition -- Modeling of Social Media Behaviors Using Only Account Metadata -- The Willful Marionette: Modeling Social Cognition Using Gesture-Gesture Interaction Dialogue -- Improving Analysis and Decision-Making through Intelligent Web Crawling -- Using an Augmented Training Event to Collect Data for Future Modeling Purposes -- The Art of Research: Opportunities for a Science-Based Approach.

| Sommario/riassunto | This volume constitutes the refereed proceedings of the 10th International Conference on Foundations of Augmented Cognition, AC 2016, held as part of the 18th International Conference on Human-Computer Interaction, HCII 2016, which took place in Toronto, Canada, in July 2016. HCII 2016 received a total of 4354 submissions, of which 1287 papers were accepted for publication after a careful reviewing process. The 41 papers presented in this volume were organized in topical sections named: augmented cognition in training and education; human cognition and behavior in complex tasks and environments; interaction in augmented cognition; and social cognition. . |

2.	Record Nr.	UNINA9910137060003321
	Titolo	Biotechnology and bioengineering
	Pubbl/distr/stampa	[New York, NY], : John Wiley & Sons, ©1962-
	ISSN	1097-0290
	Descrizione fisica	1 online resource
	Disciplina	574
	Soggetti	Biotechnology
		Bioengineering
		Biochemistry
		Microbiology
		Biotechnologie
		Biochimie
		Microbiologie
		biochemistry
		microbiology
		Enginyeria
		Enginyeria bioquímica
		Biotecnologia
		Periodical
		periodicals.
		Periodicals.
		Periodiques.
		Revistes electròniques.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Refereed/Peer-reviewed
		Published: [Hoboken, N.J.] : Wiley Periodicals, Inc., <2005->
		Title from table of contents (viewed January 10, 2006).