1. Record Nr. UNISALENTO991001282169707536

Autore	Ladde, G. S.
Titolo	Random differential inequalities / G. S. Ladde and V. Lakshmikantham
Pubbl/distr/stampa	New York : Academic Press, c1980
ISBN	0124327508
Descrizione fisica	xi, 211 p. ; 24 cm
Collana	Mathematics in science and engineering. A series of monographs and textbooks, 0076-5392 ; 150
Classificazione	AMS 34A40 AMS 60H99
Altri autori (Persone)	Lakshmikantham, V.author
Disciplina	515.35
Soggetti	Differential inequalities Stochastic differential equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliography: p. 202-205

2. Record Nr. UNINA9910298980303321

Titolo	Advances in Physiological Computing / / edited by Stephen H. Fairclough, Kiel Gilleade
Pubbl/distr/stampa	London : , : Springer London : , : Imprint : Springer, , 2014
ISBN	1-4471-6392-3
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (248 p.)
Collana	Human–Computer Interaction Series, , 1571-5035
Disciplina	004.019
Soggetti	User interfaces (Computer systems) Psychobiology Biometry Application software Psychology—Methodology Psychometrics Clinical health psychology User Interfaces and Human Computer Interaction Biological Psychology Biometrics Computer Applications Psychological Methods/Evaluation Health Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction -- Meaningful Interaction with Physiological Computing -- Engineering Issues in Physiological Computing -- Eye Tracking and Eye-Based Human-Computer Interaction -- Towards BCI-based Implicit Control in HCI -- Bio cybernetic Adaptation as Biofeedback Training -- Using fNIRS to Measure Mental Workload in the Real World -- Psychophysiological Feedback for Adaptive HRI -- The Drive to Explore -- The Vitality Bracelet -- Capturing HDM for Assisted Memory Recall.
Sommario/riassunto	In the domain of physiological computing, human physiology is directly monitored and used as input to a technological system. Signals from

the brain and body can be used to infer a user’s intentions and psychological state which enables a physiological computing system to respond and adapt in an appropriate fashion. A computer game could modify its level of difficulty according to the player's motivation or a word processor could disable incoming e-mail notifications when the user is concentrating. Physiological computing is an exciting area of research which provides a speculative vision of how we may interact with technology in the future. The field is inherently interdisciplinary and encapsulates a significant breadth of knowledge from neuroscience to engineering. Advances in Physiological Computing provides a broad overview across this emerging area of research and emphasizes the common ground between the different disciplines in the field. .