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Titolo	The Temporal Structure of Multimodal Communication : Theory, Methods and Applications / / edited by Laszlo Hunyadi, István Szekrényes
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Descrizione fisica	1 online resource (168 pages)
Collana	Intelligent Systems Reference Library, , 1868-4394 ; ; 164
Disciplina	410.285 006.35
Soggetti	Computational intelligence Artificial intelligence Computational linguistics Cognitive psychology Computational Intelligence Artificial Intelligence Computational Linguistics Cognitive Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Linguistic and Contextual Clues of Intentions and Perspectives in Human Communication -- The Teacher’s Body Communicates. Detection of Paraverbal Behaviour Patterns -- Is it Possible to Perform “Liquefying” Actions in Conversational Analysis? The Detection of Structures in Indirect Observations -- Research Methods for Studying Daily Life: Experience Sampling and a Multilevel Approach to Study Time and Mood at Work.
Sommario/riassunto	The general focus of this book is on multimodal communication, which captures the temporal patterns of behavior in various dialogue settings. After an overview of current theoretical models of verbal and nonverbal communication cues, it presents studies on a range of related topics: paraverbal behavior patterns in the classroom setting; a proposed optimal methodology for conversational analysis; a study of time and

mood at work; an experiment on the dynamics of multimodal interaction from the observer’s perspective; formal cues of uncertainty in conversation; how machines can know we understand them; and detecting topic changes using neural network techniques. A joint work bringing together psychologists, communication scientists, information scientists and linguists, the book will be of interest to those working on a wide range of applications from industry to home, and from health to security, with the main goals of revealing, embedding and implementing a rich spectrum of information on human behavior. .