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Nota di contenuto	Modelling Social Signals -- Generative Modelling of Dyadic Conversations: Characterization of Pragmatic Skills During Development Age -- Social Coordination Assessment: Distinguishing between Shape and Timing -- Social Signals in Facial Expressions -- A Novel LDA and HMM-Based Technique for Emotion Recognition from Facial Expressions -- Generation of Facial Expression for Communication Using Elfoid with Projector -- Eye Localization from Infrared Thermal Images -- Analysis of Speech and Physiological

Speech -- The Effect of Fuzzy Training Targets on Voice Quality
Classification -- Physiological Effects of Delayed System Response Time
on Skin Conductance -- A Non-invasive Multi-sensor Capturing System
for Human Physiological and Behavioral Responses Analysis -- Motion
Analysis and Activity Recognition -- 3D Motion Estimation of Human
Body from Video with Dynamic Camera Work -- Motion History of
Skeletal Volumes and Temporal Change in Bounding Volume Fusion for
Human Action Recognition -- Multi-view Multi-modal Gait Based
Human Identity Recognition from Surveillance Videos -- Multimodal
Fusion -- Using the Transferable Belief Model for Multimodal Input
Fusion in Companion Systems -- Fusion of Fragmentary Classifier
Decisions for Affective State Recognition.

Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the First IAPR TC3 Workshop on Pattern Recognition of Social Signals in Human-Computer-Interaction (MPRSS2012), held in Tsukuba, Japan in November 2012, in collaboration with the NLGD Festival of Games. The 21 revised papers presented during the workshop cover topics on facial expression recognition, audiovisual emotion recognition, multimodal Information fusion architectures, learning from unlabeled and partially labeled data, learning of time series, companion technologies and robotics.
