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<<人机交互中的形体与手势语言/会议录>>

图书基本信息

书名：<<人机交互中的形体与手势语言/会议录nd sign language in human-computer interaction>>

13位ISBN编号：9783540436782

10位ISBN编号：3540436782

出版时间：2002-12

出版时间：Springer-Verlag Berlin and Heidelberg GmbH & Co. KG

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页数：321

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内容概要

This book constitutes the thoroughly refereed post-proceedings of the International Workshop on Gesture and Sign Languages in Human-Computer Interaction, GW 2001, held in London, UK, in April 2001. The 25 revised full papers and 8 short papers were carefully reviewed and selected for inclusion in the post-proceedings. The papers are organized in topical sections on gesture recognition, recognition of sign languages, nature and notations of sign languages, gesture and sign language synthesis, gestural action and interaction, and applications based on gesture control.

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书籍目录

Invited Paper Research on Computer Science and Sign Language: Ethical AspectsGesture Recognition An Inertial Measurement Framework for Gesture Recognition and Applications Interpretation of Shape-Related Iconic Gestures in Virtual Environments Real-Time Gesture Recognition by Means of Hybrid Recognizers Development of a Gesture Plug-In for Natural Dialogue InterfacesShort Paper A Natural Interface to a Virtual Environment through Computer Vision-Estimated Pointing GesturesRecognition of Sign Language Towards an Automatic Sign Language Recognition System Using Subunits Signer-Independent Continuous Sign Language Recognition Based on SRN/HMM A Real-Time Large Vocabulary Recognition System for Chinese Sign Language The Recognition of Finger-Spelling for Chinese Sign Language Overview of Capture Techniques for Studying Sign Language PhoneticsGesture and Sign Language Synthesis Models with Biological Relevance to Control Anthropomorphic Limbs A Survey Lifelike Gesture Synthesis and Timing for Conversational Agents SignSynth: A Sign Language Synthesis Application Using Web3D and Perl Synthetic Animation of Deaf Signing Gestures From a Typology of Gestures to a Procedure for Gesture ProductionShort Paper A Signing Avatar on the WWWNature and Notation of Sign Language Iconicity in Sign Language:A Theoretical and Methodological Point of View Notation System and Statistical Analysis of NMS in JSLShort Papers Head Movements and Negation in Greek Sign Language Study on Semantic Representations of French Sign Language Sentences SignWritingoBased Sign Language ProcessingGestural Action&InterationApplications Based on Gesture ControlAuthor Index

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