

<<触觉与听觉相互作用设计/Davi>>

图书基本信息

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内容概要

This book constitutes the refereed proceedings of the First International Workshop on Haptic and Audio Interaction Design, HAID 2006 held in Glasgow, UK, in August/September 2006 as part of the MultiVis project, which is investigating non-visual visualisation. The 15 revised full papers presented were carefully reviewed and selected from a total of 30 submissions. The papers come from a wide variety of disciplines ranging from psychology to art, showcasing how haptics and sound can improve user interaction with computers thus helping people with various kinds of disabilities and visual impairment. More areas addressed are psychophysics, art and leisure where the contribution of audio and haptics enhance perception and experience and also mobile applications that improve selections in virtual environments.

书籍目录

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Session: Psychophysics Haptic-Auditory Rendering and Perception of Contact Stiffness Designing Haptic Feedback for Touch Display: Experimental Study of Perceived Intensity and Integration of Haptic and Audio
Session: Music and Gesture Rhythmic Interaction for Song Filtering on a Mobile Device Lemma 4: Haptic Input + Auditory Display=Musical Instrument?
Session: Visual Impairments Navigation and Control in Haptic Applications Shared by Blind and Sighted Users User Evaluations of a Virtual Haptic-Audio Line Drawing Prototype . . .
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