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Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 3638
Disciplina	006.6
Soggetti	Optical data processing Computer graphics User interfaces (Computer systems) Artificial intelligence Pattern recognition Image Processing and Computer Vision Computer Graphics User Interfaces and Human Computer Interaction Artificial Intelligence Pattern Recognition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Synthetic Characters and Virtual Worlds -- Engaging in a Conversation with Synthetic Characters Along the Virtuality Continuum -- Visualizing Emotion in Musical Performance Using a Virtual Character -- Knowledge in the Loop: Semantics Representation for Multimodal Simulative Environments -- Virtual Camera Planning: A Survey -- Generating Visual Displays -- Graphical Data Displays and Database Queries: Helping Users Select the Right Display for the Task -- Visualization Tree, Multiple Linked Analytical Decisions -- Structure Determines Assignment Strategies in Diagrammatic Production Scheduling -- Generation of Glyphs for Conveying Complex

Information, with Application to Protein Representations -- Negotiating Gestalt: Artistic Expression by Coalition Formation Between Agents -- Text and Graphics -- Metrics for Functional and Aesthetic Label Layouts -- A Smart Algorithm for Column Chart Labeling -- 3D Interaction and Modeling -- Usability Comparison of Mouse-Based Interaction Techniques for Predictable 3d Rotation -- Multi-level Interaction in Parametric Design -- Intuitive Shape Modeling by Shading Design -- Automatic Cross-Sectioning Based on Topological Volume Skeletonization -- Novel Interaction Paradigms -- Interface Currents: Supporting Fluent Collaboration on Tabletop Displays -- Design of Affordances for Direct Manipulation of Digital Information in Ubiquitous Computing Scenarios -- 2D Drawing System with Seamless Mode Transition -- Poster Presentations and Demos -- Tentative Results in Focus-Based Medical Volume Visualization -- 3d Visualisation in Spatial Data Infrastructures -- From Artefact Representation to Information Visualisation: Genesis of Informative Modelling -- Computer-Assisted Artistic Pattern Drawing -- VR-Mirror: A Virtual Reality System for Mental Practice in Post-Stroke Rehabilitation -- Picturing Causality – The Serendipitous Semiotics of Causal Graphs -- Xface: Open Source Toolkit for Creating 3D Faces of an Embodied Conversational Agent -- Interactive Augmentation of 3D Statistics Visualizations.