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Collana	Lecture Notes in Computer Science ; ; 5166
Disciplina	006.6
Soggetti	Computer graphics Computer animation Artificial intelligence
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Sketching -- Pillow: Interactive Flattening of a 3D Model for Plush Toy Design -- Using the CAT for 3D Sketching in Front of Large Displays -- MathPaper: Mathematical Sketching with Fluid Support for Interactive Computation -- Navigation and Selection -- Intelligent Mouse-Based Object Group Selection -- Improving 3D Selection in VEs through Expanding Targets and Forced Disocclusion -- Finger Walking in Place (FWIP): A Traveling Technique in Virtual Environments -- Studies and Evaluation -- An Empirical Study of Bringing Audience into the Movie -- Creative Sketches Production in Digital Design: A User-Centered Evaluation of a 3D Digital Environment -- Evaluation of an Augmented Photograph-Based Pedestrian Navigation System -- Camera Planning -- Representative Views and Paths for Volume Models -- Real-Time Camera Planning for Navigation in Virtual Environments -- Virtual Camera Composition with Particle Swarm Optimization -- Through-the-Lens Scene Design -- Visualisation -- Similarity-Based Exploded Views -- Hardware-Accelerated Illustrative Medical Surface Visualization with Extended Shading Maps -- Smart Lenses -- Overlapping Clustered Graphs: Co-authorship Networks Visualization -- Short Papers -- dream.Medusa: A Participatory Performance -- The Visual Expression Process: Bridging Vision and Data Visualization --

Flux: Enhancing Photo Organization through Interaction and Automation -- PhotoSim: Tightly Integrating Image Analysis into a Photo Browsing UI -- Thor: Sketch-Based 3D Modeling by Skeletons -- Sketch-Based Navigation in 3D Virtual Environments -- Adaptive Layout for Interactive Documents -- Curvature- and Model-Based Surface Hatching of Anatomical Structures Derived from Clinical Volume Datasets -- Relational Transparency Model for Interactive Technical Illustration -- Demos and Posters -- An Interactive Large Graph Visualizer -- Panel Beat: Layout and Timing of Comic Panels.

Sommario/riassunto

This book constitutes the refereed proceedings of the 9th International Symposium on Smart Graphics, SG 2008, held in Rennes, France in August 2008. The 17 revised full papers together with 9 short papers and 3 demonstrations presented were carefully reviewed and selected. The papers are organized in topical sections on sketching, navigation and selection, studies and evaluation, camera planning, as well as visualization.
