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Altri autori (Persone)	BresStephane LauriniRobert
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Soggetti	Information storage and retrieval systems Computer vision Signal processing Database management Application software Image processing - Digital techniques Information Storage and Retrieval Computer Vision Signal, Speech and Image Processing Database Management Computer and Information Systems Applications Computer Imaging, Vision, Pattern Recognition and Graphics
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Unsupervised Color Film Restoration Using Adaptive Color Equalization -- Grey-Scale Image Colorization by Local Correlation Based Optimization Algorithm -- Face Recognition Using Modular Bilinear Discriminant Analysis -- Computer Vision Architecture for Real-Time Face and Hand Detection and Tracking -- Video Spatio-temporal Signatures Using Polynomial Transforms -- Motion Trajectory Clustering for Video Retrieval Using Spatio-temporal Approximations

-- Interactive Animation to Visually Explore Time Series of Satellite Imagery -- An OpenGIS®-Based Approach to Define Continuous Field Data Within a Visual Environment -- Wayfinding Chorème Maps -- An Approach to Perceptual Shape Matching -- Interactive Volume Visualization Techniques for Subsurface Data -- Compressed Domain Image Retrieval Using JPEG2000 and Gaussian Mixture Models -- Indexing and Retrieving Oil Paintings Using Style Information -- Semi-automatic Feature-Adaptive Relevance Feedback (SA-FR-RF) for Content-Based Image Retrieval -- A Visual Query Language for Uncertain Spatial and Temporal Data -- Surveying the Reality of Semantic Image Retrieval -- Too Much or Too Little: Visual Considerations of Public Engagement Tools in Environment Impact Assessments -- Active Landmarks in Indoor Environments -- Image Annotation for Adaptive Enhancement of Uncalibrated Color Images -- Automatic Redeye Removal for Smart Enhancement of Photos of Unknown Origin -- Analysis of Multiresolution Representations for Compression and Local Description of Images -- Presenting a Large Urban Area in a Virtual Maquette: An Integrated 3D Model with a 'Tangible User Interface' -- Perceptual Image Retrieval -- Analyzing Shortest and Fastest Paths with GIS and Determining Algorithm Running Time -- Multimodal Data Fusion for Video Scene Segmentation.

Sommario/riassunto

Visual Information Systems on the Move Following the success of previous International Conferences of VISual Information Systems held in Melbourne, San Diego, Amsterdam, Lyon, Taiwan, Miami, and San Francisco, the 8th International Conference on VISual Information Systems held in Amsterdam dealt with a variety of aspects, from visual systems of multimedia information, to systems of visual information such as image databases. Handling of visual information is boosted by the rapid increase of hardware and Internet capabilities. Now, advances in sensors have turned all kinds of information into digital form. Technology for visual information systems is more urgently needed than ever before. What is needed are new computational methods to index, compress, retrieve and discover pictorial information, new algorithms for the archival of and access to very large amounts of digital images and videos, and new systems with friendly visual interfaces. Visual information processing, features extraction and aggregation at semantic level and content-based retrieval, and the study of user intention in query processing will continue to be areas of great interest. As digital content becomes widespread, issues of delivery and consumption of multimedia content were also topics of this workshop. Be on the move... June 2005 Stéphane Bres Robert Laurini.

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