1. Record Nr. UNISA996466130403316

Titolo	3D structure from multiple images of large-scale environments : European Workshop, SMILE'98, Freiburg, Germany, June 6-7, 1998, proceedings / / Reinhard Koch, Luc van Gool (Eds.)
Pubbl/distr/stampa	Berlin ; ; Heidelberg : , : Springer, , [1998] Â©1998
ISBN	3-540-49437-5
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (VIII, 356 p.)
Collana	Lecture Notes in Computer Science ; ; 1506
Disciplina	621.367
Soggetti	Image processing
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 at the end of each chapters and index.
Nota di contenuto	Invited Presentations -- Cumuli, Panorama, and Vanguard Project Overview -- Dualizing Scene Reconstruction Algorithms -- Multiview Relations and Correspondence Search -- Geometry of Multiple Affine Views -- Tensor Embedding of the Fundamental Matrix -- Optimal Estimation of Matching Constraints -- Matching and Reconstruction from Widely Separated Views -- Improving Block-Based Disparity Estimation by Considering the Non-uniform Distribution of the Estimation Error -- 3D Structure from Multiple Images -- Beyond the Epipolar Constraint: Integrating 3D Motion and Structure Estimation -- Multi-Camera Acquisitions for High-Accuracy 3D Reconstruction -- Metric 3D Surface Reconstruction from Uncalibrated Image Sequences -- Automatic 3D Model Construction for Turn-Table Sequences -- Calibration and Reconstruction Using Scene Constraints -- Geometrically Constrained Structure from Motion: Points on Planes -- Euclidean and Affine Structure/Motion for Uncalibrated Cameras from Affine Shape and Subsidiary Information -- From Ordinal to Euclidean Reconstruction with Partial Scene Calibration -- Imposing Euclidean Constraints During Self-Calibration Processes -- Interactive 3D Modeling from Multiple Images Using Scene Regularities -- Range Integration and Augmented Reality Applications -- Integration of Multiple Range Maps through Consistency Processing -- Fitting

Geometrical Deformable Models to Registered Range Images -- The Use of Reality Models in Augmented Reality Applications -- Applying Augmented Reality Techniques in the Field of Interactive Collaborative Design -- A Guided Tour Through Multiview Relations.