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Titolo	Deep Structure, Singularities, and Computer Vision [[electronic resource]] : First International Workshop, DSSCV 2005, Maastricht, The Netherlands, June 9-10, 2005, Revised Selected Papers / / edited by Ole Fogh Olsen, Luc Florack, Arjan Kuijper
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Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 3753
Disciplina	006.3/7
Soggetti	Optical data processing Algorithms Artificial intelligence Computer graphics Pattern recognition Image Processing and Computer Vision Computer Imaging, Vision, Pattern Recognition and Graphics Algorithm Analysis and Problem Complexity Artificial Intelligence Computer Graphics Pattern Recognition
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Oral Presentations -- Blurred Correlation Versus Correlation Blur -- A Scale Invariant Covariance Structure on Jet Space -- Essential Loops and Their Relevance for Skeletons and Symmetry Sets -- Pre-symmetry Sets of 3D Shapes -- Deep Structure of Images in Populations Via Geometric Models in Populations -- Estimating the Statistics of Multi-object Anatomic Geometry Using Inter-object Relationships -- Histogram Statistics of Local Model-Relative Image Regions -- The Bessel Scale-Space -- Linear Image Reconstruction from a Sparse Set of ?-Scale Space Features by Means of Inner Products of Sobolev Type -- A

Riemannian Framework for the Processing of Tensor-Valued Images -- From Stochastic Completion Fields to Tensor Voting -- Deep Structure from a Geometric Point of View -- Maximum Likely Scale Estimation -- Adaptive Trees and Pose Identification from External Contours of Polyhedra -- Poster Presentations -- Exploiting Deep Structure -- Scale-Space Hierarchy of Singularities -- Computing 3D Symmetry Sets; A Case Study -- Irradiation Orientation from Obliquely Viewed Texture -- Using Top-Points as Interest Points for Image Matching -- Transitions of Multi-scale Singularity Trees -- A Comparison of the Deep Structure of ?-Scale Spaces -- A Note on Local Morse Theory in Scale Space and Gaussian Deformations.