Table of Contents

Blurred correlation versus correlation blur p. 1
A scale invariant covariance structure on jet space p. 12
Essential loops and their relevance for skeletons and symmetry sets p. 24
Pre-symmetry sets of 3D shapes p. 36
Deep structure of images in populations via geometric models in populations p. 49
Estimating the statistics of multi-object anatomic geometry using inter-object relationships p. 60
Histogram statistics of local model-relative image regions p. 72
The bessel scale-space p. 84
Linear image reconstruction from a sparse set of [alpha]-scale space features by means of inner products of sobolev type p. 96
A Riemannian framework for the processing of tensor-valued images p. 112
From stochastic completion fields to tensor voting p. 124
Deep structure from a geometric point of view p. 135
Maximum likely scale estimation p. 146
Adaptive trees and pose identification from external contours of polyhedra p. 157
Exploiting deep structure p. 169
Scale-space hierarchy of singularities p. 181
Computing 3D symmetry sets; a case study p. 193
Irradiation orientation from obliquely viewed texture p. 205
Using top-points as interest points for image matching p. 211
Transitions of multi-scale singularity trees p. 223
A comparison of the deep structure of [alpha]-scale spaces p. 234
A note on local morse theory in scale space and gaussian deformations p. 249

Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.