Dedication
Foreword
Preface
Acknowledgments
Morphological operators
Binary Decision Diagrams as a New Paradigm for Morphological Machines
Hashimoto Image filtering using morphological amoebas
Numerical Residues
Efficient path openings and closings
Structuring Elements following the Optical Flow
Recursive Interpolation Technique For Binary Images Based on Morphological Median Sets
Connected filters and reconstruction
Second-Order Connected Attribute Filters Using Max-Trees
Transformations with Reconstruction Criteria: Image Segmentation and Filtering
Attribute-Space Connected Filters
Vector-attribute Filters
Ruminations on Tarjan’s Union-Find Algorithm and Connected Operators Thierry Géraud
Labelled Reconstruction of Binary Objects: A Vector Propagation Algorithm
Grayscale Level Multiconnectivity Ulisses Braga-Neto Shape-Tree Semilattices
Segmentation
Morphological Segmentations of Colour Images Jean Serra
Fast Implementation of Waterfall based on Graphs
A new definition for the dynamics
Watershed-driven region-based image retrieval
Efficient implementation of the locally constrained watershed transform and seeded region growing
Geometry and topology
Optimal shape and inclusion
Regular Metric: Definition and Characterization in the Discrete Plane
Euclidean skeletons of 3D data sets in linear time by the integer medial axis transform
Digitization of Non-regular Shapes Peer Stelldinger
Downsampling of binary images using adaptive crossing numbers
Grey-weighted, ultrametric and lexicographic distances
Mathematical modeling of the relationship "between" based on morphological operators
Partial differential equations and evolutionary models
Semidiscrete and Discrete Well-Posedness of Shock Filtering
A Variational Formulation of PDE’s for Dilations and Levelings Petros Maragos
Stochastic Shape Optimisation Costin
On the local connectivity number of stationary random closed sets
Texture, colour and multivalued images
Intersize correlation of grain occurrences in textures and its application to texture regeneration

Texture Segmentation Using Area Morphology Local Granulometries

Illumination-invariant Morphological Texture Classification

Unified morphological color processing framework in a lum/sat/hue representation

Iterative area seeded region growing for multichannel image simplification

Pierre Soille Morphology for Higher-Dimensional Tensor Data via Loewner Ordering

Applications in imaging sciences

Using Watershed and Multimodal Data for Vessel Segmentation: Application to the Superior Sagittal

Using grey scale hit-or-miss transform for segmenting the portal network of t

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