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| 1. Record Nr. | UNICAMPANIASUN0051820 |
| Autore | Gagliardi, Carlo |
| Titolo | 2: Spazi affini ed euclidei / Carlo Gagliardi, Luigi Grasselli |
| Pubbl/distr/stampa | Bologna, : Esculapio, 1992 |
| ISBN | 978-88-85040-76-2 |
| Descrizione fisica | 178 p. ; 24 cm. |
| Altri autori (Persone) | Grasselli, Luigi |
| Soggetti | 51-XX - Geometry [MSC 2020]
15-XX - Linear and multilinear algebra; matrix theory [MSC 2020] |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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- | | |
|--------------------|---|
| 2. Record Nr. | UNISA996465627803316 |
| Titolo | Discrete Geometry for Computer Imagery [[electronic resource]] : 15th IAPR International Conference, DGCI 2009, Montréal, Canada, September 30 - October 2, 2009, Proceedings / / edited by Srecko Brlek, Christophe Reutenauer, Xavier Provençal |
| Pubbl/distr/stampa | Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009 |
| ISBN | 3-642-04397-6 |
| Edizione | [1st ed. 2009.] |
| Descrizione fisica | 1 online resource (XII, 540 p.) |
| Collana | Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 5810 |
| Classificazione | DAT 756f
SS 4800 |
| Disciplina | 006.601516 |
| Soggetti | Computer graphics
Pattern recognition
Optical data processing
Computer science—Mathematics
Algorithms
Computer Graphics
Pattern Recognition
Image Processing and Computer Vision
Computer Imaging, Vision, Pattern Recognition and Graphics
Discrete Mathematics in Computer Science |

Algorithm Analysis and Problem Complexity
Kongress.
Montreal (2009)

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 and index.
Nota di contenuto	Invited Papers -- Arithmetic Discrete Planes Are Quasicrystals -- Affine Connections, and Midpoint Formation -- Mathematics in Atmospheric Sciences: An Overview -- Discrete Shape Representation, Recognition and Analysis -- On Three Constrained Versions of the Digital Circular Arc Recognition Problem -- Efficient Lattice Width Computation in Arbitrary Dimension -- Convergence of Binomial-Based Derivative Estimation for C 2 Noisy Discretized Curves -- Christoffel and Fibonacci Tiles -- Optimal Partial Tiling of Manhattan Polyominoes -- An Improved Coordinate System for Point Correspondences of 2D Articulated Shapes -- Two Linear-Time Algorithms for Computing the Minimum Length Polygon of a Digital Contour -- Multiscale Discrete Geometry -- Discrete and Combinatorial Tools for Image Segmentation and Analysis -- Vanishing Point Detection with an Intersection Point Neighborhood -- Ellipse Detection with Elemental Subsets -- Multi-Label Simple Points Definition for 3D Images Digital Deformable Model -- Marching Triangle Polygonization for Efficient Surface Reconstruction from Its Distance Transform -- Multivariate Watershed Segmentation of Compositional Data -- Pixel Approximation Errors in Common Watershed Algorithms -- Digital Deformable Model Simulating Active Contours -- Discrete and Combinatorial Topology -- Topology-Preserving Thinning in 2-D Pseudomanifolds -- Discrete Versions of Stokes' Theorem Based on Families of Weights on Hypercubes -- Distances on Lozenge Tilings -- Jordan Curve Theorems with Respect to Certain Pretopologies on -- Decomposing Cavities in Digital Volumes into Products of Cycles -- Thinning Algorithms as Multivalued -Retractions -- Characterization of Simple Closed Surfaces in $\mathbb{R}^3$: A New Proposition with a Graph-Theoretical Approach -- Border Operator for Generalized Maps -- Computing Homology: A Global Reduction Approach -- Models for Discrete Geometry -- Surface Sketching with a Voxel-Based Skeleton -- Minimal Offsets That Guarantee Maximal or Minimal Connectivity of Digital Curves in nD -- Arithmetization of a Circular Arc -- On the Connecting Thickness of Arithmetical Discrete Planes -- Patterns in Discretized Parabolas and Length Estimation -- Universal Spaces for Surfaces -- A Linear Time and Space Algorithm for Detecting Path Intersection -- Geometric Transforms -- The Curvilinear Skeleton -- A Discrete $\mathbb{R}$ -Medial Axis -- Appearance Radii in Medial Axis Test Mask for Small Planar Chamfer Norms -- Exact, Scaled Image Rotation Using the Finite Radon Transform -- Lower and Upper Bounds for Scaling Factors Used for Integer Approximation of 3D Anisotropic Chamfer Distance Operator -- A Novel Algorithm for Distance Transformation on Irregular Isothetic Grids -- Fully Parallel 3D Thinning Algorithms Based on Sufficient Conditions for Topology Preservation -- Quasi-Affine Transformation in Higher Dimension -- Discrete Tomography -- Solving Some Instances of the 2-Color Problem -- Grey Level Estimation for Discrete

Tomography -- The 1-Color Problem and the Brylawski Model.

Sommario/riassunto

This book constitutes the refereed proceedings of the 15th IAPR International Conference on Discrete Geometry for Computer Imagery, DGCI 2009, held in Montréal, Canada, in September/October 2009. The 42 revised full papers were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on discrete shape, representation, recognition and analysis; discrete and combinatorial tools for image segmentation and analysis; discrete and combinatorial Topology; models for discrete geometry; geometric transforms; and discrete tomography.

3. Record Nr.

UNINA9910616207703321

Titolo

Transactions on large-scale data- and knowledge-centered systems LI : special issue on data management - principles, technologies and applications / / edited by Abdelkader Hameurlain [and three others]

Pubbl/distr/stampa

Berlin, Germany : , : Springer, , [2022]

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ISBN

3-662-66111-X

Descrizione fisica

1 online resource (145 pages)

Collana

Lecture Notes in Computer Science ; ; v.13410

Disciplina

005.7565

Soggetti

Expert systems (Computer science)

Database management

Transaction systems (Computer systems)

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Nota di bibliografia

Includes bibliographical references and index.