References

[1] Zouina Aktouf, Gilles Bertrand, and Laurent Perroton. A 3d-hole closing algorithm. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 36–47. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[2] Eric Andres. The quasi-shear rotation. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 307–314. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[3] Eric Andres, Claudio Sibata, and Raj Acharya. Supercover 3d polygons. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 237–242. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[4] R. Ayala, E. Domínguez, A.R. Francés, and A. Quintero. Determining the components of the complement of a digital $(n-1)$-manifold in z^n. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 163–176. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[5] Elena Barcucci, Alberto Del Lungo, Maurice Nivat, and Renzo Pinzani. Reconstruction convex polyominoes from horizontal and vertical projections ii. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete*

Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996), volume 1176 of *LNCS*, pages 295–306. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[6] Gilles Bertrand and Rémy Malgouyres. Some topological properties of discrete surfaces. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 325–336. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[7] Gunilla Borgefors, Giuliana Ramella, and Gabriella Sanniti di Baja. Multiresolution representation of shape in binary images. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 51–58. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[8] Fatima Boumghar, Serge Miguet, and Jean-Marc Nicod. Complexity of discrete surfaces in the dividing-cubes algorithm. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 269–280. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[9] Jean-Pierre Braquelaire, Luc Brun, and Anne Vialard. Inter-pixel euclidean paths for image analysis. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 193–204. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[10] A. Bretto and S. Ubéda. Hypergraph model of digital topology for grey level images. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 217–226. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[11] Alfred M. Bruckstein, Robert J. Holt, and Arun N. Netravali. Discrete elastica. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 59–72. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[12] Olivier Devillers. Computational geometry and discrete computations. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 317–324. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[13] Márta Fidrich. Iso-surface extraction in 4d with applications related to scale space. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 257–268. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[14] Christophe Fiorio. A topologically consistent representation for image analysis: The frontiers topological graph. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 151–162. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-

Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[15] Jean Françon. On recent trends in discrete geometry in computer science. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 3–16. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[16] Jean Françon, Jean-Maurice Schramm, and Mohamed Tajine. Recognizing arithmetic straight lines and planes. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 141–150. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[17] Pascal J. Frey and Houman Borouchaki. Finite element meshes by means of voxels. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 115–125. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[18] Luis Ibáñez, Chafiaâ Hamitouche, and Christian Roux. Determination of discrete sampling grids with optimal topological and spectral properties. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 181–192. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[19] Arie E. Kaufman. Volume synthesis. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96*

(Lyon, France, November 13-15, 1996), volume 1176 of *LNCS*, pages 87–100. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[20] Yukiko Kenmochi, Atsushi Imiya, and Norberto F. Ezquerra. Polyhedra generation from lattice points. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 127–138. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[21] Jacques-Olivier Lachaud. Topologically defined isosurfaces. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 245–256. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[22] Alexandre Lenoir, Rémy Malgouyres, and Marinette Revenu. Fast computation of the normal vector field of the surface of a 3-d discrete object. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 101–112. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[23] Gilles Mathieu. Filling driven by contour marching. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 205–216. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[24] Didier Scellier, Jean-Yves Boire, Cyril Thouly, and Jean Maublant. Application of skeletonization algorithms for myocardial spect quantification. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda,

editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 227–236. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[25] Nigel G. Sharp and Edwin R. Hancock. A statistical process for surface tracking. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 337–348. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[26] Władisław Skarbek, Krystian Ignasiak, and Miloud Ghuwar. Fractal representation of planar shapes. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 73–84. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[27] Laure Tougne. Circle digitization and cellular automata. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 283–294. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[28] Anne Vialard. Geometrical parameters extraction from discrete paths. In Serge Miguet, Annick Montanvert, and Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 24–35. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.

[29] Joviša Žunić and Dragan M. Acketa. Least squares fitting of digital polynomial segments. In Serge Miguet, Annick Montanvert, and

Stéphane Ubéda, editors, *Proceedings of the 6th International Workshop on Discrete Geometry for Computer Imagery, DGCI'96 (Lyon, France, November 13-15, 1996)*, volume 1176 of *LNCS*, pages 17–23. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest-Milan-Santa Clara-Singapore, 1996.