

Bibliographie du LRDE

13 septembre 2020

Ce document contient la liste des articles acceptés écrits ou co-écrits par les membres du LRDE depuis 1999.

Le tableau suivant résume de manière quantitative le document. « Journal » et « conférences » ne font référence qu'aux publications relues par des pairs. Le corps de ce document est consacré à la bibliographie détaillée classée selon différents critères.

Année	Chapitre de livre	Journal	Conférence internationale	Conférence nationale	Rapport de recherche
2021	0	0	0	0	0
2020	0	5	8	0	0
2019	0	9	19	2	0
2018	1	5	15	0	0
2017	1	4	19	2	1
2016	0	4	11	0	3
2015	0	1	18	1	0
2014	0	4	15	1	0
2013	0	2	13	0	0
2012	1	2	7	0	1
2011	0	1	8	1	1
2010	2	2	9	0	0
2009	0	1	9	0	0
2008	0	1	14	0	0
2007	0	1	12	1	0
2006	1	6	14	0	1
2005	0	2	10	0	1
2004	0	2	7	0	3
2003	0	1	9	0	0
2002	0	0	2	0	0
2001	0	0	8	0	0
2000	0	0	7	1	0
1999	0	0	1	1	1
Total	6	53	235	10	12

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1 Publications classées par catégories de publication

1.1 Année 2021

1.2 Année 2020

1.2.1 Revues

1. Nicolas Boutry, Laurent Najman, and Thierry Géraud. Topological properties of the first non-local digitally well-composed interpolation on n -d cubical grids. *Journal of Mathematical Imaging and Vision*, September 2020.
2. Nicolas Boutry, Laurent Najman, and Thierry Géraud. Equivalence between dwness and awcness on n -d cubical grids. *Journal of Mathematical Imaging and Vision*, September 2020.
3. Minh Ôn Vũ Ngọc, Nicolas Boutry, Jonathan Fabrizio, and Thierry Géraud. A new minimum barrier distance for multivariate images with applications to salient object detection, shortest path finding, and segmentation. *Computer Vision and Image Understanding*, 197–198, August 2020.
4. Adrien Pommellet and Tayssir Touili. Ltl model checking for communicating concurrent programs. *Innovations in Systems and Software Engineering : a NASA journal (ISSE)*, 16(2) :161–179, June 2020.
5. Etienne Renault. Improving swarming using genetic algorithms. *Innovations in Systems and Software Engineering : a NASA journal (ISSE)*, 16(2) :143–159, June 2020.

1.2.2 Conférences Internationales

1. Michael Atlan, Julie Rivet, Antoine Taliercio, Nicolas Boutry, Guillaume Tochon, and Jean-Pierre Huignard. Experimental digital gabor hologram rendering of c. elegans worms by a model-trained convolutional neural network (conference presentation). In *Label-free Biomedical Imaging and Sensing (LBIS) 2020*, volume 11251. International Society for Optics and Photonics, 2020.
2. František Blahoudek, Alexandre Duret-Lutz, and Jan Strejček. Seminators 2 can complement generalized Büchi automata via improved semi-determinization. In *Proceedings of the 32nd International Conference on Computer-Aided Verification (CAV'20)*, volume 12225 of *Lecture Notes in Computer Science*, pages 15–27. Springer, July 2020.
3. Nicolas Boutry, Rocio Gonzalez-Diaz, Maria-Jose Jimenez, and Eduardo Paluzo-Hildago. Euler well-composedness. In T. Lukic, R. P. Barneva, V. Brimkov, L. Comic, and N. Sladoje, editors, *Combinatorial Image Analysis : Proceedings of the 20th International Workshop, IWCIA 2020, Novi Sad, Serbia, July 16–18, 2020*, volume 12148 of *Lecture Notes in Computer Science*, pages 3–19. Springer, 2020.
4. Nicolas Boutry, Rocio Gonzalez-Diaz, Laurent Najman, and Thierry Géraud. A 4D counterexample showing that DWCness does not imply CWCness in n -D. In T. Lukic, R. P. Barneva, V. Brimkov, L. Comic, and N. Sladoje, editors, *Combinatorial Image Analysis : Proceedings of the 20th International Workshop, IWCIA 2020, Novi Sad, Serbia, July 16–18, 2020*, volume 12148 of *Lecture Notes in Computer Science*, pages 73–87. Springer, 2020.
5. Lucas Drumetz, Mauro Dalla Mura, Guillaume Tochon, and Ronan Fablet. Learning end-member dynamics in multitemporal hyperspectral data using a state-space model formulation. In *Proceedings of the 45th IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)*, pages 2483–2487, Barcelona, Spain, May 2020.
6. Jim Newton. Performance comparison of several folding strategies. In *Trends in Functional Programming*, Kraków, Poland, February 2020. Accepted.

7. Florian Renkin, Alexandre Duret-Lutz, and Adrien Pommellet. Practical “paritizing” of emerson-lei automata. In *Proceedings of the 18th International Symposium on Automated Technology for Verification and Analysis (ATVA’20)*, volume???? of *Lecture Notes in Computer Science*, pages???–??? Springer, October 2020. To appear.
8. Zhou Zhao, Nicolas Boutry, Élodie Puybareau, and Thierry Géraud. A two-stage temporal-like fully convolutional network framework for left ventricle segmentation and quantification on MR images. In Mihaela Pop, Maxime Sermesant, Oscar Camara, Xiahai Zhuang, Shuo Li, Alistair Young, Tommaso Mansi, and Avan Suinesiaputra, editors, *Statistical Atlases and Computational Models of the Heart. Multi-Sequence CMR Segmentation, CRT-EPiggy and LV Full Quantification Challenges—10th International Workshop, STACOM 2019, Held in Conjunction with MICCAI 2019, Shenzhen, China, October 13, 2019, Revised Selected Papers*, volume 12009 of *Lecture Notes in Computer Science*, pages 405–413. Springer, 2020.

1.3 Année 2019

1.3.1 Revues

1. Vincent Bloemen, Alexandre Duret-Lutz, and Jaco van de Pol. Model checking with generalized Rabin and Fin-less automata. *International Journal on Software Tools for Technology Transfer*, 21(3) :307–324, June 2019.
2. Nicolas Boutry, Rocio Gonzalez-Diaz, and Maria-Jose Jimenez. Weakly well-composed cell complexes over n D pictures. *Information Sciences*, 499 :62–83, October 2019.
3. Nicolas Boutry, Thierry Géraud, and Laurent Najman. How to make n -D plain maps Alexandrov-well-composed in a self-dual way. *Journal of Mathematical Imaging and Vision*, 61(6) :849–873, July 2019.
4. Lê Duy Huỳnh, Nicolas Boutry, and Thierry Géraud. Connected filters on generalized shape-spaces. *Pattern Recognition Letters*, 128 :348–354, December 2019.
5. H. J. Kuijff, J. M. Biesbroek, J. de Bresser, R. Heinen, S. Andermatt, M. Bento, M. Berseeth, M. Belyaev, M. J. Cardoso, A. Casamitjana, D. L. Collins, M. Dadar, A. Georgiou, M. Ghafoorian, D. Jin, A. Khademi, J. Knight, H. Li, X. Lladó, M. Luna, Q. Mahmood, R. McKinley, A. Mehrtash, S. Ourselin, B. Park, H. Park, S. H. Park, S. Pezold, Élodie Puybareau, L. Rittner, C. H. Sudre, S. Valverde, V. Vilaplana, R. Wiest, Yongchao Xu, Z. Xu, G. Zeng, J. Zhang, G. Zheng, C. Chen, W. van der Flier, F. Barkhof, M. A. Viergever, and G. J. Biessels. Standardized assessment of automatic segmentation of white matter hyperintensities : Results of the WMH segmentation challenge. *IEEE Transactions on Medical Imaging*, 38(11) :2556–2568, November 2019.
6. Jim Newton and Didier Verna. A theoretical and numerical analysis of the worst-case size of reduced ordered binary decision diagrams. *ACM Transactions on Computational Logic*, 20(1) :1–36, January 2019.
7. Diane Genest, Élodie Puybareau, Marc Léonard, Jean Cousty, Noémie De Crozé, and Hugues Talbot. High throughput automated detection of axial malformations in medaka embryo. *Computers in Biology and Medicine*, 105 :157–168, February 2019.
8. Guillaume Tochon, Mauro Dalla Mura, Miguel Angel Veganzones, Thierry Géraud, and Jocelyn Chanussot. Braids of partitions for the hierarchical representation and segmentation of multimodal images. *Pattern Recognition*, 95 :162–172, November 2019.
9. Li Wang, Dong Nie, Guannan Li, Élodie Puybareau, Jose Dolz, Qian Zhang, Fan Wang, Jing Xia, Zhengwang Wu, Jiawei Chen, Kim-Han Thung, Toan Duc Bui, Jitae Shin, Guodong Zeng, Guoyan Zheng, Vladimir S. Fonov, Andrew Doyle, Yongchao Xu, Pim Moeskops, Josien P.W. Pluim, Christian Desrosiers, Ismail Ben Ayed, Gerard Sanroma, Oualid M. Benkarim, Adrià Casamitjana, Verónica Vilaplana, Weili Lin, Gang Li, and Dinggang Shen. Benchmark on automatic 6-month-old infant brain segmentation algorithms : The iSeg-2017 challenge. *IEEE Transactions on Medical Imaging*, 38(9) :2219–2230, September 2019.

1.3.2 Conférences Internationales

1. Christel Baier, František Blahoušek, Alexandre Duret-Lutz, Joachim Klein, David Müller, and Jan Strejček. Generic emptiness check for fun and profit. In *Proceedings of the 17th International Symposium on Automated Technology for Verification and Analysis (ATVA '19)*, volume 11781 of *Lecture Notes in Computer Science*, pages 445–461. Springer, October 2019.
2. Nicolas Boutry, Rocio Gonzalez-Diaz, and Maria-Jose Jimenez. One more step towards well-composedness of cell complexes over n -D pictures. In Michel Couprie, Jean Cousty, Yukiko Kenmochi, and Nabil Mustafa, editors, *Proceedings of the 21st International Conference on Discrete Geometry for Computer Imagery (DGCI)*, volume 11414 of *Lecture Notes in Computer Science*, pages 101–114, Marne-la-Vallée, France, March 2019. Springer.
3. Nicolas Boutry, Thierry Géraud, and Laurent Najman. An equivalence relation between morphological dynamics and persistent homology in 1D. In *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 14th International Symposium on Mathematical Morphology (ISMM)*, Lecture Notes in Computer Science Series, pages 1–12, Saarbrücken, Germany, July 2019. Springer.
4. Nicolas Boutry, Joseph Chazalon, Élodie Puybureau, Guillaume Tochon, Hugues Talbot, and Thierry Géraud. Using separated inputs for multimodal brain tumor segmentation with 3D U-Net-like architectures. In A. Crimi and S. Bakas, editors, *Proceedings of the 4th International Workshop, BrainLes 2019, Held in Conjunction with MICCAI 2019*, volume 11992 of *Lecture Notes in Computer Science*, pages 187–199. Springer, 2019.
5. Edwin Carlinet and Thierry Géraud. Intervertebral disc segmentation using mathematical morphology—A CNN-free approach. In *Proceedings of the 5th MICCAI Workshop & Challenge on Computational Methods and Clinical Applications for Spine Imaging (CSI)*, volume 11384 of *Lecture Notes in Computer Science*, pages 105–118. Springer, 2019.
6. Edwin Carlinet and Thierry Géraud. Introducing multivariate connected openings and closings. In *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 14th International Symposium on Mathematical Morphology (ISMM)*, Lecture Notes in Computer Science Series, pages 1–12, Saarbrücken, Germany, July 2019. Springer.
7. Baptiste Esteban, Guillaume Tochon, and Thierry Géraud. Estimating the noise level function with the tree of shapes and non-parametric statistics. In *Proceedings of the 18th International Conference on Computer Analysis of Images and Patterns (CAIP)*, volume 11679 of *Lecture Notes in Computer Science Series*, pages 377–388, Salerno, Italy, September 2019. Springer.
8. Ludovic Le Frioux, Souheib Baarir, Julien Sopena, and Fabrice Kordon. Modular and efficient divide-and-conquer SAT solver on top of the Painless framework. In *Proceedings of the 25th International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS'19)*, volume 11427 of *Lecture Notes in Computer Science*, pages 135–151. Springer, Cham, April 2019.
9. Jim Newton and Didier Verna. Finite automata theory based optimization of conditional variable binding. In *European Lisp Symposium*, Genova, Italy, April 2019.
10. Denis Poitrenaud and Etienne Renault. Combining parallel emptiness checks with partial order reductions. In Yamine Ait Ameur and Shengchao Qin, editors, *Proceedings of the 21st International Conference on Formal Engineering Methods (ICFEM'19)*, volume 11852 of *Lecture Notes in Computer Science*, pages ??–??, Shenzhen, China, November 2019. Springer.
11. Élodie Puybureau, Zhou Zhao, Younes Khoudli, Edwin Carlinet, Yongchao Xu, Jérôme Lacotte, and Thierry Géraud. Left atrial segmentation in a few seconds using fully convolutional network and transfer learning. In *Proceedings of the Workshop on Statistical Atlases and Computational Modelling of the Heart (STACOM 2018), in conjunction with MICCAI*, volume 11395 of *Lecture Notes in Computer Science*, pages 339–347. Springer, 2019.

12. Élodie Puybureau, Edwin Carlinet, Alessandro Benfenati, and Hugues Talbot. Spherical fluorescent particle segmentation and tracking in 3D confocal microscopy. In *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 14th International Symposium on Mathematical Morphology (ISMM)*, Lecture Notes in Computer Science Series, pages 1–12, Saarbrücken, Germany, July 2019. Springer.
13. Julie Rivet, Guillaume Tochon, Serge Meimon, Michel Paques, Michael Atlan, and Thierry Géraud. Motion compensation in digital holography for retinal imaging. In *Proceedings of the IEEE International Symposium on Biomedical Imaging (ISBI)*, pages 1428–1431, Venice, Italy, April 2019.
14. Julie Rivet, Guillaume Tochon, Serge Meimon, Michel Pâques, Thierry Géraud, and Michael Atlan. Deep neural networks for aberrations compensation in digital holographic imaging of the retina. In *Proceedings of the SPIE Conference on Adaptive Optics and Wavefront Control for Biological Systems V*, San Francisco, CA, USA, February 2019.
15. Michaël Roynard, Edwin Carlinet, and Thierry Géraud. An image processing library in modern C++ : Getting simplicity and efficiency with generic programming. In *Proceedings of the 2nd Workshop on Reproducible Research in Pattern Recognition (RRPR 2018)*, volume 11455 of *Lecture Notes in Computer Science*, pages 121–137, 2019.
16. Guillaume Tochon, Mauro Dalla Mura, and Jocelyn Chanussot. Constructing a braid of partitions from hierarchies of partitions. In *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 14th International Symposium on Mathematical Morphology (ISMM)*, Lecture Notes in Computer Science Series, pages 1–12, Saarbrücken, Germany, July 2019. Springer.
17. Léo Valais, Jim Newton, and Didier Verna. Implementing baker’s SUBTYPEP decision procedure. In *12th European Lisp Symposium*, Genova, Italy, April 2019.
18. Didier Verna. Parallelizing quickref. In *12th European Lisp Symposium*, pages 89–96, Genova, Italy, April 2019.
19. Didier Verna. Quickref : Common Lisp reference documentation as a stress test for Texinfo. In Barbara Beeton and Karl Berry, editors, *TUGboat*, volume 40, pages 119–125. T_EX Users Group, T_EX Users Group, September 2019.

1.3.3 Conférences Nationales

1. Edwin Carlinet and Thierry Géraud. Filtres connexes multivariés par fusion d’arbres de composantes. In *Proceedings of the 27th Symposium on Signal and Image Processing (GRETSI)*, Lille, France, August 2019.
2. Baptiste Esteban, Guillaume Tochon, and Thierry Géraud. Estimation du niveau de bruit par arbre des formes et statistiques non paramétriques. In *Proceedings of the 27th Symposium on Signal and Image Processing (GRETSI)*, Lille, France, August 2019.

1.4 Année 2018

1.4.1 Chapitres de livres

1. Jiri Barnat, Vincent Bloemen, Alexandre Duret-Lutz, Alfons Laarman, Laure Petrucci, Jaco van de Pol, and Etienne Renault. Parallel model checking algorithms for linear-time temporal logic. In Youssef Hamadi and Lakhdar Sais, editors, *Handbook of Parallel Constraint Reasoning*, chapter 12, pages 457–507. Springer International Publishing, Cham, 2018.

1.4.2 Revues

1. Nicolas Boutry, Thierry Géraud, and Laurent Najman. A tutorial on well-composedness. *Journal of Mathematical Imaging and Vision*, 60(3) :443–478, March 2018.

2. Markus Götz, Gabriele Cavallaro, Thierry Géraud, Matthias Book, and Morris Riedel. Parallel computation of component trees on distributed memory machines. *IEEE Transactions on Parallel and Distributed Systems*, 29(11) :2582–2598, May 2018.
3. Marçal Rusiñol, Joseph Chazalon, and Katerine Diaz-Chito. Augmented songbook : an augmented reality educational application for raising music awareness. *Multimedia Tools and Applications*, 77(11) :13773–13798, June 2018.
4. Didier Verna. Lisp, jazz, aikido. *The Art, Science and Engineering of Programming Journal*, 2(3), March 2018.
5. Yongchao Xu, Baptiste Morel, Sonia Dahdouh, Élodie Puybureau, Alessio Virzì, Hélène Urien, Thierry Géraud, Catherine Adamsbaum, and Isabelle Bloch. The challenge of cerebral magnetic resonance imaging in neonates : A new method using mathematical morphology for the segmentation of structures including diffuse excessive high signal intensities. *Medical Image Analysis*, 48 :75–94, August 2018.

1.4.3 Conférences Internationales

1. Sylvie Boldo, Florian Faissole, and Vincent Tourneur. A formally-proved algorithm to compute the correct average of decimal floating-point numbers. In *25th IEEE Symposium on Computer Arithmetic*, Amherst, MA, United States, June 2018.
2. Edwin Carlinet, Thierry Géraud, and Sébastien Crozet. The tree of shapes turned into a max-tree : A simple and efficient linear algorithm. In *Proceedings of the 24th IEEE International Conference on Image Processing (ICIP)*, pages 1488–1492, Athens, Greece, October 2018.
3. Edwin Carlinet, Sébastien Crozet, and Thierry Géraud. Un algorithme de complexité linéaire pour le calcul de l’arbre des formes. In *Actes du congrès Reconnaissance des Formes, Image, Apprentissage et Perception (RFIAP)*, Marne-la-Vallée, France, June 2018.
4. Aliona Dangla, Élodie Puybureau, Guillaume Tochon, and Jonathan Fabrizio. A first step toward a fair comparison of evaluation protocols for text detection algorithms. In *Proceedings of the IAPR International Workshop on Document Analysis Systems (DAS)*, Vienna, Austria, April 2018.
5. Hakan Metin, Souheib Baarir, Maximilien Colange, and Fabrice Kordon. CDCLSym : Introducing effective symmetry breaking in SAT solving. In *Proceedings of the 24th International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS’18)*, volume 10805 of *Lecture Notes in Computer Science*, pages 99–114, Thessaloniki, Greece, April 2018. Springer.
6. Thibaud Michaud and Maximilien Colange. Reactive synthesis from LTL specification with Spot. In *Proceedings of the 7th Workshop on Synthesis, SYNT@CAV 2018*, volume xx of *Electronic Proceedings in Theoretical Computer Science*, page xx, 2018.
7. Minh Ôn Vũ Ngọc, Jonathan Fabrizio, and Thierry Géraud. Saliency-based detection of identity documents captured by smartphones. In *Proceedings of the IAPR International Workshop on Document Analysis Systems (DAS)*, pages 387–392, Vienna, Austria, April 2018.
8. Jim Newton and Didier Verna. Approaches in typecase optimization. In *European Lisp Symposium*, Marbella, Spain, April 2018.
9. Jim Newton and Didier Verna. Recognizing heterogeneous sequences by rational type expression. In *Proceedings of the Meta’18 : Workshop on Meta-Programming Techniques and Reflection*, Boston, MA USA, November 2018.
10. Élodie Puybureau, Guillaume Tochon, Joseph Chazalon, and Jonathan Fabrizio. Segmentation of gliomas and prediction of patient overall survival : A simple and fast procedure. In *Proceedings of the Workshop on Brain Lesions (BrainLes), in conjunction with MICCAI*, Lecture Notes in Computer Science. Springer, 2018.

11. Élodie Puybureau and Thierry Géraud. Real-time document detection in smartphone videos. In *Proceedings of the 24th IEEE International Conference on Image Processing (ICIP)*, pages 1498–1502, Athens, Greece, October 2018.
12. Élodie Puybureau, Yongchao Xu, Joseph Chazalon, Isabelle Bloch, and Thierry Géraud. Segmentation des hyperintensités de la matière blanche en quelques secondes à l’aide d’un réseau de neurones convolutif et de transfert d’apprentissage. In *Actes du congrès Reconnaissance des Formes, Image, Apprentissage et Perception (RFIAP), session spéciale “Deep Learning, deep in France”*, Marne-la-Vallée, France, June 2018. À paraître.
13. Etienne Renault. Improving parallel state-space exploration using genetic algorithms. In Mohamed Faouzi Atig, Saddek Bensalem, Simon Bliudze, and Bruno Monsuez, editors, *Proceedings of the 12th International Conference on Verification and Evaluation of Computer and Communication Systems (VECOS’18)*, volume 11181 of *Lecture Notes in Computer Science*, pages 133–149, Grenoble, France, September 2018. Springer, Cham.
14. Didier Verna. Method combinators. In *11th European Lisp Symposium*, Marbella, Spain, April 2018.
15. Yongchao Xu, Thierry Géraud, Élodie Puybureau, Isabelle Bloch, and Joseph Chazalon. White matter hyperintensities segmentation in a few seconds using fully convolutional network and transfer learning. In A. Crimi, S. Bakas, H. Kuijf, B. Menze, and M. Reyes, editors, *Brainlesion : Glioma, Multiple Sclerosis, Stroke and Traumatic Brain Injuries— 3rd International Workshop, BrainLes 2017, Held in Conjunction with MICCAI 2017, Quebec City, QC, Canada, September 14 2017, Revised Selected Papers*, volume 10670 of *Lecture Notes in Computer Science*, pages 501–514. Springer, Cham, 2018.

1.5 Année 2017

1.5.1 Chapitres de livres

1. Guillaume Tochon, Mauro Dalla Mura, Miguel-Angel Veganzones, Silvia Valero, Philippe Salembier, and Jocelyn Chanussot. Advances in utilization of hierarchical representations in remote sensing data analysis. In Shunling Liang, editor, *Comprehensive Remote Sensing, 1st Edition*, volume 2, chapter 5, pages 77–107. Elsevier, November 2017.

1.5.2 Revues

1. Akim Demaille. Derived-term automata of multitape expressions with composition. *Scientific Annals of Computer Science*, 27(2) :137–176, 2017.
2. Etienne Renault, Alexandre Duret-Lutz, Fabrice Kordon, and Denis Poitrenaud. Variations on parallel explicit model checking for generalized Büchi automata. *International Journal on Software Tools for Technology Transfer (STTT)*, 19(6) :653–673, April 2017. First published online on 26 April 2016.
3. Guillaume Tochon, Jocelyn Chanussot, Mauro Dalla Mura, and Andrea Bertozzi. Object tracking by hierarchical decomposition of hyperspectral video sequences : Application to chemical gas plume tracking. *IEEE Transactions on Geoscience and Remote Sensing*, 55(8) :4567–4585, August 2017.
4. Yongchao Xu, Edwin Carlinet, Thierry Géraud, and Laurent Najman. Hierarchical segmentation using tree-based shape spaces. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 39(3) :457–469, April 2017.

1.5.3 Conférences Internationales

1. František Blahoudek, Alexandre Duret-Lutz, Mikuláš Klokočka, Mojmír Křetínský, and Jan Strejček. Seminotor : A tool for semi-determinization of omega-automata. In Thomas Eiter, David Sands, and Geoff Sutcliffe, editors, *Proceedings of the 21th International Conference*

- on *Logic for Programming, Artificial Intelligence, and Reasoning (LPAR-21)*, volume 46 of *EPiC Series in Computing*, pages 356–367. EasyChair Publications, May 2017.
2. Vincent Bloemen, Alexandre Duret-Lutz, and Jaco van de Pol. Explicit state model checking with generalized büchi and rabin automata. In *Proceedings of the 24th International SPIN Symposium on Model Checking of Software (SPIN'17)*, pages 50–59. ACM, July 2017.
 3. Nicolas Boutry, Laurent Najman, and Thierry Géraud. Well-composedness in Alexandrov spaces implies digital well-composedness in z^n . In W.G. Kropatsch, N.M. Artner, and I. Jansch, editors, *Discrete Geometry for Computer Imagery – Proceedings of the 20th IAPR International Conference on Discrete Geometry for Computer Imagery (DGCI)*, volume 10502 of *Lecture Notes in Computer Science*, pages 225–237, Vienna, Austria, September 2017. Springer.
 4. Edwin Carlinet, Yongchao Xu, Nicolas Boutry, and Thierry Géraud. La pseudo-distance du dahu. In *Actes d'ORASIS*, Colleville-sur-Mer, France, June 2017. À paraître.
 5. J. Chazalon, P. Gomez-Krämer, J.-C. Burie, M. Coustaty, S. Eskenazi, M. Luqman, N. Nayef, M. Rusiñol, N. Sidère, and J.M. Ogier. SmartDoc 2017 video capture : Mobile document acquisition in video mode. In *Proceedings of the 1st International Workshop on Open Services and Tools for Document Analysis, (ICDAR-OST)*, pages 11–16, Kyoto, Japan, November 2017.
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1.8 Année 2014

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1.10 Année 2012

1.10.1 Chapitres de livres

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