

Bibliographie du LRDE

18 décembre 2017

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
2017	0	4	18	0	1
2016	0	5	11	0	3
2015	0	1	19	0	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	4	35	193	5	12

Table des matières

1 Publications classées par catégories de publication	4
1.1 Année 2017	4
1.1.1 Revues	4
1.1.2 Conférences Internationales	4
1.1.3 Rapports de Recherche	5
1.2 Année 2016	5
1.2.1 Revues	5
1.2.2 Conférences Internationales	6
1.2.3 Rapports de Recherche	7
1.3 Année 2015	7
1.3.1 Revues	7
1.3.2 Conférences Internationales	7
1.4 Année 2014	8
1.4.1 Revues	8
1.4.2 Conférences Internationales	9
1.4.3 Conférences Nationales	10
1.5 Année 2013	10
1.5.1 Revues	10
1.5.2 Conférences Internationales	10
1.6 Année 2012	11
1.6.1 Chapitres de livres	11
1.6.2 Revues	11
1.6.3 Conférences Internationales	12
1.6.4 Rapports de Recherche	12
1.7 Année 2011	12
1.7.1 Revues	12
1.7.2 Conférences Internationales	12
1.7.3 Conférences Nationales	13
1.7.4 Rapports de Recherche	13
1.8 Année 2010	13
1.8.1 Chapitres de livres	13
1.8.2 Revues	13
1.8.3 Conférences Internationales	14
1.9 Année 2009	14
1.9.1 Revues	14
1.9.2 Conférences Internationales	14
1.10 Année 2008	15
1.10.1 Revues	15
1.10.2 Conférences Internationales	15
1.11 Année 2007	16
1.11.1 Revues	16
1.11.2 Conférences Internationales	16
1.11.3 Conférences Nationales	17
1.12 Année 2006	17
1.12.1 Chapitres de livres	17
1.12.2 Revues	17
1.12.3 Conférences Internationales	18
1.12.4 Rapports de Recherche	19
1.13 Année 2005	19
1.13.1 Revues	19
1.13.2 Conférences Internationales	19
1.13.3 Rapports de Recherche	20

1.14	Année 2004	20
1.14.1	Revue	20
1.14.2	Conférences Internationales	20
1.14.3	Rapports de Recherche	21
1.15	Année 2003	21
1.15.1	Revue	21
1.15.2	Conférences Internationales	21
1.16	Année 2002	22
1.16.1	Conférences Internationales	22
1.17	Année 2001	22
1.17.1	Conférences Internationales	22
1.18	Année 2000	23
1.18.1	Conférences Internationales	23
1.18.2	Conférences Nationales	23
1.19	Année 1999	23
1.19.1	Conférences Internationales	23
1.19.2	Conférences Nationales	23
1.19.3	Rapports de Recherche	24
2	Publications classées par projet	24
3	Publications classées par clé	24

1 Publications classées par catégories de publication

1.1 Année 2017

1.1.1 Revues

1. BOUTRY, N., GÉRAUD, T., AND NAJMAN, L. (2017a). A tutorial on well-composedness. To appear. *Journal of Mathematical Imaging and Vision*.
2. RUSIÑOL, M., CHAZALON, J., AND DIAZ-CHITO, K. (2017). Augmented songbook : an augmented reality educational application for raising music awareness. *Multimedia Tools and Applications*.
3. TOCHON, G., CHANUSSOT, J., MURA, M. D., AND BERTOZZI, A. (2017). Object tracking by hierarchical decomposition of hyperspectral video sequences : application to chemical gas plume tracking. To appear. *IEEE Transactions on Geoscience and Remote Sensing*.
4. XU, Y., CARLINET, E., GÉRAUD, T., AND NAJMAN, L. (2017a). Hierarchical segmentation using tree-based shape spaces. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 39(3) :457–469.

1.1.2 Conférences Internationales

1. BLAHOUEK, F., DURET-LUTZ, A., KLOKOČKA, M., KŘETÍNSKÝ, M., AND STREJČEK, J. (2017). Seminotor : A tool for semi-determinization of omega-automata. In Eiter, T., Sands, D., and Sutcliffe, G., 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.
2. BLOEMEN, V., DURET-LUTZ, A., AND VAN DE POL, J. (2017). 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.
3. BOUTRY, N., NAJMAN, L., AND GÉRAUD, T. (2017b). Well-composedness in Alexandrov spaces implies digital well-composedness in z^n . In Kropatsch, W., Artner, N., and Janusch, I., 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. To appear.. Springer.
4. CARLINET, E., XU, Y., BOUTRY, N., AND GÉRAUD, T. (2017). La pseudo-distance du dahu. In *Actes d'ORASIS*, À paraître.. Colleville-sur-Mer, France.
5. CHAZALON, J., GOMEZ-KRÄMER, P., BURIE, J., COUSTATY, M., ESKENAZI, S., LUQMAN, M., NAYEF, N., RUSIÑOL, M., SIDÈRE, N., AND OGIER., J. (2017). SmartDoc 2017 video capture : Mobile document acquisition in video mode. To appear. In *Proceedings of the 1st International Workshop on Open Services and Tools for Document Analysis, (ICDAR-OST)*.
6. DEMAILLE, A. AND MICHAUD, T. (2017). Derived-term automata of weighted rational expressions with quotient operators. In *Proceedings of the Thirteenth International Colloquium on Theoretical Aspects of Computing (ICTAC)*, Lecture Notes in Computer Science, Hanoi, Vietnam. accepted. Springer.
7. DRAPEAU, J., GÉRAUD, T., COUSTATY, M., CHAZALON, J., BURIE, J.-C., EGLIN, V., AND BRES, S. (2017). Extraction of ancient map contents using trees of connected components. In *Proceedings of the 12th IAPR International Workshop on Graphics Recognition (GREC)*, Kyoto, Japan.
8. DRUMETZ, L., TOCHON, G., CHANUSSOT, J., AND JUTTEN, C. (2017). Estimating the number of endmembers to use in spectral unmixing of hyperspectral data with collaborative sparsity. In *Proceedings of the 13th International Conference on Latent Variable Analysis and Signal Separation (LVA-ICA)*, Grenoble, France.

9. GÉRAUD, T., XU, Y., CARLINET, E., AND BOUTRY, N. (2017b). Introducing the Dahu pseudo-distance. In Angulo, J., Velasco-Forero, S., and Meyer, F., editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 13th International Symposium on Mathematical Morphology (ISMM)*, volume 10225 of *Lecture Notes in Computer Science*, pages 55–67, Fontainebleau, France. Springer.
10. HUỠNH, L. D., XU, Y., AND GÉRAUD, T. (2017). Morphological hierarchical image decomposition based on Laplacian 0-crossings. In Angulo, J., Velasco-Forero, S., and Meyer, F., editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 13th International Symposium on Mathematical Morphology (ISMM)*, volume 10225 of *Lecture Notes in Computer Science*, pages 159–171, Fontainebleau, France. Springer.
11. FRIOUX, L. L., BAARIR, S., SOPENA, J., AND KORDON, F. (2017). PaInleSS : a framework for parallel SAT solving. In *Proceedings of the 20th International Conference on Theory and Applications of Satisfiability Testing (SAT'17)*, Lecture Notes in Computer Science, pages 233–250. Springer.
12. NEWTON, J., VERNA, D., AND COLANGE, M. (2017). Programmatic manipulation of Common Lisp type specifiers. In *European Lisp Symposium*, Brussels, Belgium.
13. PUYBAREAU, E., TALBOT, H., AND NAJMAN, L. (2017b). Caractérisation des zones de mouvement périodiques pour applications bio-médicales. In *Actes du 26e Colloque GRETSI*, To appear. Juan-les-Pins, France.
14. PUYBAREAU, E., TALBOT, H., AND NAJMAN, L. (2017c). Periodic area-of-motion characterization for bio-medical applications. In *Proceedings of the IEEE International Symposium on Bio-Medical Imaging (ISBI)*, Melbourne, Australia.
15. PUYBAREAU, E., TALBOT, H., GABER, N., AND BOUROUINA, T. (2017a). Morphological analysis of brownian motion for physical measurements. In Angulo, J., Velasco-Forero, S., and Meyer, F., editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 13th International Symposium on Mathematical Morphology (ISMM)*, volume 10225 of *Lecture Notes in Computer Science*, pages 486–497, Fontainebleau, France. Springer.
16. ROYER, E., CHAZALON, J., RUSIÑOL, M., AND BOUCHARA, F. (2017). Benchmarking keypoint filtering approaches for document image matching. To appear. In *Proceedings of the 14th International Conference on Document Analysis and Recognition (ICDAR)*.
17. XU, Y., GÉRAUD, T., AND BLOCH, I. (2017b). Segmentation d'IRM de cerveaux de nouveau-nés en quelques secondes à l'aide d'un réseau de neurones convolutif *pseudo-3d* et de transfert d'apprentissage. In *Actes du 26e Colloque GRETSI*, Juan-les-Pins, France.
18. GÉRAUD, T., XU, Y., AND BLOCH, I. (2017a). From neonatal to adult brain MR image segmentation in a few seconds using 3D-like fully convolutional network and transfer learning. In *Proceedings of the 23rd IEEE International Conference on Image Processing (ICIP)*, pages 4417–4421, To appear.. Beijing, China.

1.1.3 Rapports de Recherche

1. NEWTON, J. (2017). Analysis of algorithms calculating the maximal disjoint decomposition of a set. Technical report, LRDE, Paris, France.

1.2 Année 2016

1.2.1 Revues

1. CALARASANU, S., FABRIZIO, J., AND DUBUISSON, S. (2016c). What is a good evaluation protocol for text localization systems? concerns, arguments, comparisons and solutions. *Image and Vision Computing*, 46 :1–17.

2. FABRIZIO, J., ROBERT-SEIDOWSKY, M., DUBUISSON, S., CALARASANU, S., AND BOISSEL, R. (2016). Textcatcher : a method to detect curved and challenging text in natural scenes. *International Journal on Document Analysis and Recognition*, 19(2) :99–117.
3. RENAULT, E., DURET-LUTZ, A., KORDON, F., AND POITRENAUD, D. (2016). Variations on parallel explicit model checking for generalized Büchi automata. *International Journal on Software Tools for Technology Transfer (STTT)*.
4. XU, Y., GÉRAUD, T., AND NAJMAN, L. (2016a). Connected filtering on tree-based shape-spaces. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, 38(6) :1126–1140.
5. XU, Y., GÉRAUD, T., AND NAJMAN, L. (2016b). Hierarchical image simplification and segmentation based on Mumford-Shah-salient level line selection. *Pattern Recognition Letters*, 83(3) :278–286.

1.2.2 Conférences Internationales

1. CALARASANU, S., FABRIZIO, J., AND DUBUISSON, S. (2016b). From text detection to text segmentation : a unified evaluation scheme. In *Proceedings of the 2nd International Workshop on Robust Reading Conference (IWRR-ECCV)*, Amsterdam, The Netherlands.
2. CALARASANU, S., DUBUISSON, S., AND FABRIZIO, J. (2016a). Towards the rectification of highly distorted texts. In *Proceedings of the 11th International Conference on Computer Vision Theory and Applications (VISAPP)*, Rome, Italie.
3. CAVALLARO, G., DALLA MURA, M., CARLINET, E., GÉRAUD, T., FALCO, N., AND BENEDIKTSSON, J. A. (2016). Region-based classification of remote sensing images with the morphological tree of shapes. In *Proceedings of the IEEE International Geoscience and Remote Sensing Symposium (IGARSS)*, pages 5087–5090, Beijing, China.
4. TORRES-CARRASQUILLO, P. A., RICHARDSON, F., NERCESSIAN, S., STURIM, D., CAMPBELL, W., GWON, Y., VATTAM, S., DEHAK, R., MALLIDI, H., NIDADAVOLU, P. S., LI, R., PAPPAGARI, R. R., CHEN, N., DEHAK, N., AND ZAZO, R. (2016). The mit lincoln laboratory 2016 speaker recognition system. In *NIST Speaker Recognition Evaluation 2016*, San Diego, California.
5. DEMAILLE, A. (2016b). Derived-term automata of multitape rational expressions. In Han, Y.-S. and Salomaa, K., editors, *Proceedings of Implementation and Application of Automata, 21st International Conference (CIAA '16)*, volume 9705 of *Lecture Notes in Computer Science*, pages 51–63, Seoul, South Korea. Springer.
6. DEMAILLE, A. (2016a). Derived-term automata for extended weighted rational expressions. In *Proceedings of the Thirteenth International Colloquium on Theoretical Aspects of Computing (ICTAC)*, Lecture Notes in Computer Science, Taipei, Taiwan. Springer.
7. DURET-LUTZ, A., KORDON, F., POITRENAUD, D., AND RENAULT, E. (2016a). Heuristics for checking liveness properties with partial order reductions. In *Proceedings of the 14th International Symposium on Automated Technology for Verification and Analysis (ATVA '16)*, volume 9938 of *Lecture Notes in Computer Science*, pages 340–356. Springer.
8. DURET-LUTZ, A., LEWKOWICZ, A., FAUCHILLE, A., MICHAUD, T., RENAULT, E., AND XU, L. (2016b). Spot 2.0 — a framework for LTL and ω -automata manipulation. In *Proceedings of the 14th International Symposium on Automated Technology for Verification and Analysis (ATVA '16)*, volume 9938 of *Lecture Notes in Computer Science*, pages 122–129. Springer.
9. HUỠNH, L. D., XU, Y., AND GÉRAUD, T. (2016). Morphology-based hierarchical representation with application to text segmentation in natural images. In *Proceedings of the 23rd International Conference on Pattern Recognition (ICPR)*, pages 4029–4034, Cancún, México. IEEE Computer Society.
10. MOREL, B., XU, Y., VIRZI, A., GÉRAUD, T., ADAMSBAUM, C., AND BLOCH, I. (2016). A challenging issue : Detection of white matter hyperintensities in neonatal brain MRI. In

Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, pages 93–96, Orlando, Florida, USA.

11. NEWTON, J., DEMAILLE, A., AND VERNA, D. (2016). Type-checking of heterogeneous sequences in Common Lisp. In *European Lisp Symposium*, Kraków, Poland.

1.2.3 Rapports de Recherche

1. NEWTON, J. (2016b). Finding maximal common joins in a dag. Technical report, LRDE, Paris, France.
2. NEWTON, J. (2016c). Monads in common lisp. Technical report, LRDE, Paris, France.
3. NEWTON, J. (2016a). Efficient dynamic type checking of heterogeneous sequences. Technical Report 2005D002, LRDE, Paris, France.

1.3 Année 2015

1.3.1 Revues

1. CARLINET, E. AND GÉRAUD, T. (2015c). MToS : A tree of shapes for multivariate images. *IEEE Transactions on Image Processing*, 24(12) :5330–5342.

1.3.2 Conférences Internationales

1. BAARIR, S. AND DURET-LUTZ, A. (2015). SAT-based minimization of deterministic ω -automata. In *Proceedings of the 20th International Conference on Logic for Programming, Artificial Intelligence, and Reasoning (LPAR'15)*, volume 9450 of *Lecture Notes in Computer Science*, pages 79–87. Springer.
2. BABIAK, T., BLAHOUEK, F., DURET-LUTZ, A., KLEIN, J., KŘETÍNSKÝ, J., MÜLLER, D., PARKER, D., AND STREJČEK, J. (2015). The Hanoi Omega-Automata format. In *Proceedings of the 27th International Conference on Computer Aided Verification (CAV'15)*, volume 9206 of *Lecture Notes in Computer Science*, pages 479–486. Springer.
3. BEN SALEM, A. E. AND GRAIET, M. (2015). Combining explicit and symbolic LTL model checking using generalized testing automata. In *Proceedings of the 15th International Conference on Application of Concurrency to System Design (ACSD'15)*, Brussels, Belgium. IEEE Computer Society.
4. BEN SALEM, A. E. (2015a). Extending testing automata to all LTL. In *Proceedings of the 35th IFIP International Conference on Formal Techniques for Distributed Objects, Components and Systems (FORTE'15)*, volume 9039 of *Lecture Notes in Computer Science*, Grenoble, France. Springer.
5. BEN SALEM, A. E. (2015b). Single-pass testing automata for LTL model checking. In *Proceedings of the 9th International Conference on Language and Automata Theory and Applications (LATA'15)*, volume 8977 of *Lecture Notes in Computer Science*, pages 563–576, Nice, France. Springer.
6. BLAHOUEK, F., DURET-LUTZ, A., RUJBR, V., AND STREJČEK, J. (2015). On refinement of Büchi automata for explicit model checking. In *Proceedings of the 22th International SPIN Symposium on Model Checking of Software (SPIN'15)*, volume 9232 of *Lecture Notes in Computer Science*, pages 66–83. Springer.
7. BOUTRY, N., GÉRAUD, T., AND NAJMAN, L. (2015b). How to make n D images well-composed without interpolation. In *Proceedings of the IEEE International Conference on Image Processing (ICIP)*, pages 2149–2153, Québec City, Canada.
8. BOUTRY, N., GÉRAUD, T., AND NAJMAN, L. (2015a). How to make n D functions digitally well-composed in a self-dual way. In Benediktsson, J., Chanussot, J., Najman, L., and Talbot, H., editors, *Mathematical Morphology and Its Application to Signal and Image*

- Processing – Proceedings of the 12th International Symposium on Mathematical Morphology (ISMM)*, volume 9082 of *Lecture Notes in Computer Science Series*, pages 561–572, Reykjavik, Iceland. Springer.
9. CALARASANU, S., FABRIZIO, J., AND DUBUISSON, S. (2015). Using histogram representation and earth mover’s distance as an evaluation tool for text detection. In *Proceedings of the 13th IAPR International Conference on Document Analysis and Recognition (ICDAR)*, pages 221–225, Nancy, France.
 10. CARLINET, E. AND GÉRAUD, T. (2015d). Une approche morphologique de segmentation interactive avec l’arbre des formes couleur. In *Actes du 15e Colloque GRETSI*, Lyon, France.
 11. CARLINET, E. AND GÉRAUD, T. (2015b). Morphological object picking based on the color tree of shapes. In *Proceedings of 5th International Conference on Image Processing Theory, Tools and Applications (IPTA’15)*, pages 125–130, Orléans, France.
 12. CARLINET, E. AND GÉRAUD, T. (2015a). A color tree of shapes with illustrations on filtering, simplification, and segmentation. In Benediktsson, J., Chanussot, J., Najman, L., and Talbot, H., editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 12th International Symposium on Mathematical Morphology (ISMM)*, volume 9082 of *Lecture Notes in Computer Science Series*, pages 363–374, Reykjavik, Iceland. Springer.
 13. DUBUISSON, S., ROBERT-SEIDOWSKY, M., AND FABRIZIO, J. (2015). A self-adaptive likelihood function for tracking with particle filter. In *Proceedings of the 10th International Conference on Computer Vision Theory and Applications (VISAPP)*, pages 446–453.
 14. GÉRAUD, T., CARLINET, E., AND CROZET, S. (2015). Self-duality and digital topology : Links between the morphological tree of shapes and well-composed gray-level images. In Benediktsson, J., Chanussot, J., Najman, L., and Talbot, H., editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 12th International Symposium on Mathematical Morphology (ISMM)*, volume 9082 of *Lecture Notes in Computer Science Series*, pages 573–584, Reykjavik, Iceland. Springer.
 15. MICHAUD, T. AND DURET-LUTZ, A. (2015). Practical stutter-invariance checks for ω -regular languages. In *Proceedings of the 22th International SPIN Symposium on Model Checking of Software (SPIN’15)*, volume 9232 of *Lecture Notes in Computer Science*, pages 84–101. Springer.
 16. RENAULT, E., DURET-LUTZ, A., KORDON, F., AND POITRENAUD, D. (2015). Parallel explicit model checking for generalized Büchi automata. In Baier, C. and Tinelli, C., editors, *Proceedings of the 19th International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS’15)*, volume 9035 of *Lecture Notes in Computer Science*, pages 613–627. Springer.
 17. ROBERT-SEIDOWSKY, M., FABRIZIO, J., AND DUBUISSON, S. (2015). TextTrail : a robust text tracking algorithm in wild environments. In *Proceedings of the 10th International Conference on Computer Vision Theory and Applications (VISAPP)*, pages 268–276.
 18. VERNA, D. AND COIS RIPAULT, F. (2015). Context-oriented image processing. In *Context-Oriented Programming Workshop*.
 19. XU, Y., CARLINET, E., GÉRAUD, T., AND NAJMAN, L. (2015). Efficient computation of attributes and saliency maps on tree-based image representations. In Benediktsson, J., Chanussot, J., Najman, L., and Talbot, H., editors, *Mathematical Morphology and Its Application to Signal and Image Processing – Proceedings of the 12th International Symposium on Mathematical Morphology (ISMM)*, volume 9082 of *Lecture Notes in Computer Science Series*, pages 693–704, Reykjavik, Iceland. Springer.

1.4 Année 2014

1.4.1 Revues

1. CARLINET, E. AND GÉRAUD, T. (2014a). A comparative review of component tree com-

- putation algorithms. *IEEE Transactions on Image Processing*, 23(9) :3885–3895.
2. DURET-LUTZ, A. (2014). LTL translation improvements in Spot 1.0. *International Journal on Critical Computer-Based Systems*, 5(1/2) :31–54.
 3. LAZZARA, G. AND GÉRAUD, T. (2014). Efficient multiscale Sauvola’s binarization. *International Journal of Document Analysis and Recognition (IJDAR)*, 17(2) :105–123.
 4. XU, Y., GÉRAUD, T., MONASSE, P., AND NAJMAN, L. (2014b). Tree-based morse regions : A topological approach to local feature detection. *IEEE Transactions on Image Processing*, 23(12) :5612–5625.

1.4.2 Conférences Internationales

1. BAARIR, S. AND DURET-LUTZ, A. (2014). Mechanizing the minimization of deterministic generalized Büchi automata. In *Proceedings of the 34th IFIP International Conference on Formal Techniques for Distributed Objects, Components and Systems (FORTE’14)*, volume 8461 of *Lecture Notes in Computer Science*, pages 266–283. Springer.
2. BEN SALEM, A. E., DURET-LUTZ, A., KORDON, F., AND THIERRY-MIEG, Y. (2014). Symbolic model checking of stutter invariant properties using generalized testing automata. In *Proceedings of the 20th International Conference on Tools and Algorithms for the Construction and Analysis of Systems (TACAS’14)*, volume 8413 of *Lecture Notes in Computer Science*, pages 440–454, Grenoble, France. Springer.
3. BLAHOUEK, F., DURET-LUTZ, A., KŘETÍNSKÝ, M., AND STREJČEK, J. (2014). Is there a best Büchi automaton for explicit model checking? In *Proceedings of the 21th International SPIN Symposium on Model Checking of Software (SPIN’14)*, pages 68–76. ACM.
4. BOUTRY, N., GÉRAUD, T., AND NAJMAN, L. (2014a). On making n D images well-composed by a self-dual local interpolation. In Barucci, E., Frosini, A., and Rinaldi, S., editors, *Proceedings of the 18th International Conference on Discrete Geometry for Computer Imagery (DGCI)*, volume 8668 of *Lecture Notes in Computer Science*, pages 320–331, Siena, Italy. Springer.
5. CARLINET, E. AND GÉRAUD, T. (2014b). Getting a morphological tree of shapes for multivariate images : Paths, traps and pitfalls. In *Proceedings of the 21st International Conference on Image Processing (ICIP)*, pages 615–619, Paris, France.
6. CARLINET, E. AND GÉRAUD, T. (2014c). A morphological tree of shapes for color images. In *Proceedings of the 22nd International Conference on Pattern Recognition (ICPR)*, pages 1133–1137, Stockholm, Sweden.
7. CROZET, S. AND GÉRAUD, T. (2014). A first parallel algorithm to compute the morphological tree of shapes of n D images. In *Proceedings of the 21st International Conference on Image Processing (ICIP)*, pages 2933–2937, Paris, France.
8. DEHAK, N., PLCHOT, O., BAHARI, M., BURGET, L., HAMME, H. V., AND DEHAK, R. (2014). Gmm weights adaptation based on subspace approaches for speaker verification. In *Odyssey 2014, The Speaker and Language Recognition Workshop*, pages 48–53, Joensuu, Finland.
9. DEMAILLE, A., DURET-LUTZ, A., LOMBARDY, S., SAIU, L., AND SAKAROVITCH, J. (2014). A type system for weighted automata and rational expressions. In *Proceedings of Implementation and Application of Automata, 19th International Conference (CIAA’14)*, volume 8587 of *Lecture Notes in Computer Science*, Giessen, Germany. Springer.
10. FABRIZIO, J. (2014). A precise skew estimation algorithm for document images using KNN clustering and fourier transform. In *Proceedings of the 21st International Conference on Image Processing (ICIP)*, pages 2585–2588, Paris, France.
11. GÉRAUD, T. (2014). A morphological method for music score staff removal. In *Proceedings of the 21st International Conference on Image Processing (ICIP)*, pages 2599–2603, Paris, France.

12. LAZZARA, G., GÉRAUD, T., AND LEVILLAIN, R. (2014). Planting, growing and pruning trees : Connected filters applied to document image analysis. In *Proceedings of the 11th IAPR International Workshop on Document Analysis Systems (DAS)*, pages 36–40, Tours, France. IAPR.
13. LEVILLAIN, R., GÉRAUD, T., NAJMAN, L., AND CARLINET, E. (2014). Practical genericity : Writing image processing algorithms both reusable and efficient. In Bayro, E. and Hancock, E., editors, *Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications – Proceedings of the 19th Iberoamerican Congress on Pattern Recognition (CIARP)*, volume 8827 of *Lecture Notes in Computer Science*, pages 70–79, Puerto Vallarta, Mexico. Springer-Verlag.
14. WIDYNSKI, N., GÉRAUD, T., AND GARCIA, D. (2014). Speckle spot detection in ultrasound images : Application to speckle reduction and speckle tracking. In *Proceedings of the IEEE International Ultrasonics Symposium (IUS)*, pages 1734–1737, Chicago, IL, USA.
15. XU, Y., CARLINET, E., GÉRAUD, T., AND NAJMAN, L. (2014a). Meaningful disjoint level lines selection. In *Proceedings of the 21st International Conference on Image Processing (ICIP)*, pages 2938–2942, Paris, France.

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1.7 Année 2011

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1.9 Année 2009

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1.9.2 Conférences Internationales

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1.10 Année 2008

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12. RICOU, O. (2008). A survey of French local e-democracy. In *Proceedings of the 8th European Conference on e-Government (ECEG)*.
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1.11.1 Revues

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1.11.3 Conférences Nationales

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1.12.2 Revues

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