

Publications

Quantitative Logics and Automata (QuantLA)
Technische Universität Dresden
Universität Leipzig
<http://lat.inf.tu-dresden.de/quantla/>

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This is the list of publications of the DFG Research Training Group “Quantitative Logics and Automata” (QuantLA) at TU Dresden and Universität Leipzig. When available, links to online versions of abstract, BibTeX entries, and the papers are provided.

2019

Shima Asaadi, Saif M. Mohammad, and Svetlana Kiritchenko: **Big BiRD: A Large, Fine-Grained, Bigram Relatedness Dataset for Examining Semantic Composition**. In *In Proceedings of the North American Chapter of the Association for Computational Linguistics (NAACL-2019)*, 2019.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#AMK-NAACL-2019>

Franz Baader, Oliver Fernández Gil, and Pavlos Marantidis: **Matching in the Description Logic FL0 with respect to General TBoxes (Extended abstract)**. In Mantas Simkus and Grant Weddell, editors, *Proceedings of the 32nd International Workshop on Description Logics (DL'19)*, volume 2373 of *CEUR Workshop Proceedings*. CEUR-WS, 2019.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaFeMa-DL19>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaFeMa-DL19>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2019/BaFeMa-DL-19.pdf>

Christel Baier, Nathalie Bertrand, Jakob Piribauer, and Ocan Sankur: **Long-run Satisfaction of Path Properties**. In *Proceedings of the Thirty-Fourth Annual ACM/IEEE Symposium on Logic in Computer Science (LICS'19)*. IEEE, 2019. To appear.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BBPS-lics-2019>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BBPS-lics-2019>

Manfred Droste, Sven Dziadek, and Werner Kuich: **Weighted simple reset pushdown automata**. *Theoretical Computer Science*, 777:252–259, 2019.

BibTeX entry: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#droste_dziadek_kuich

Abstract: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#droste_dziadek_kuich

DOI: <https://doi.org/10.1016/j.tcs.2019.01.016>

Jakob Piribauer and Christel Baier: **Partial and conditional expectations in Markov decision processes with integer weights**. In Mikolaj Bojanczyk and Alex Simpson, editors, *Proceedings of the 22nd International Conference on Foundations of Software Science and Computation Structures (FoSSaCS'19)*, volume 11425 of *LNCS*, pages 436–452. Springer, 2019.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#PirBai-FOSSACS-2019>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#PirBai-FOSSACS-2019>

Markus Ulbricht: **Repairing Non-monotonic Knowledge Bases**. In Francesco Calimeri, Nicola Leone, and Marco Manna, editors, *Logics in Artificial Intelligence*, pages 151–167. Cham, Springer International Publishing, 2019.

BibTeX entry: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#10.1007/978-3-030-19570-0_10

Abstract: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#10.1007/978-3-030-19570-0_10

2018

Franz Baader, Oliver Fernández Gil, and Pavlos Marantidis: **Matching in the Description Logic FL0 with respect to General TBoxes**. In Gilles Barthe, Geoff

Sutcliffe, and Margus Veanes, editors, *LPAR-22. 22nd International Conference on Logic for Programming, Artificial Intelligence and Reasoning*, volume 57 of *EPiC Series in Computing*, pages 76–94. EasyChair, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaFeMa18-LPAR>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaFeMa18-LPAR>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2018/BaFeMa-LPAR18.pdf>

DOI: 10.29007/q74p

Franz Baader, Oliver Fernández Gil, and Maximilian Pensel: **Standard and Non-Standard Inferences in the Description Logic \mathcal{FL}_0 Using Tree Automata**. In Daniel Lee, Alexander Steen, and Toby Walsh, editors, *GCAI 2018, 4th Global Conference on Artificial Intelligence, Luxembourg, September 2018.*, volume 55 of *EPiC Series in Computing*, pages 1–14. EasyChair, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaFePe-GCAI-18>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaFePe-GCAI-18>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2018/BaFePe-GCAI-18.pdf>

DOI: 10.29007/scbw

Franz Baader, Pavlos Marantidis, and Antoine Mottet: **ACUI Unification modulo Ground Theories**. In Mauricio Ayala-Rincón and Philippe Balbiani, editors, *Proceedings of the 32th International Workshop on Unification (UNIF 2018)*, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaMaMo-UNIF2018>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaMaMo-UNIF2018>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2018/BaMaMo-UNIF2018.pdf>

Franz Baader, Pavlos Marantidis, and Maximilian Pensel: **The Data Complexity of Answering Instance Queries in \mathcal{FL}_0** . In *Proc. of the Reasoning on Data Workshop (RoD'18), Companion of the The Web Conference 2018*, pages 1603–1607. ACM, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaMaPe-RoD-18>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaMaPe-RoD-18>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2018/BaMaPe-RoD-18.pdf>

DOI: <https://dx.doi.org/10.1145/3184558.3191618>

Parvaneh Babari, Manfred Droste, and Vitaly Perevoshchikov: **Weighted register automata and weighted logic on data words**. *Theoretical Computer Science*, 744:3–21, 2018.

BibTeX entry: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#babari_droste_perevoshchikov

Abstract: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#babari_droste_perevoshchikov

DOI: <https://doi.org/10.1016/j.tcs.2018.01.004>

Ringo Baumann and Markus Ulbricht: **If Nothing Is Accepted - Repairing Argumentation Frameworks**. In *Principles of Knowledge Representation and Reasoning: Proceedings of the Sixteenth International Conference, KR 2018, Tempe, Arizona, 30 October - 2 November 2018.*, pages 108–117, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Baumann2018if>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#Baumann2018if>

Manuel Bodirsky, Peter Jonsson, Barnaby Martin, and Antoine Mottet: **Classification Transfer for Qualitative Reasoning Problems**. In *Proceedings of IJCAI'18*, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodJonMarMot-IJCAI>

Manuel Bodirsky, Florent Madelaine, and Antoine Mottet: **A universal-algebraic proof of the dichotomy for Monotone Monadic SNP**. In *Proceedings of LICS'18*, pages 105–114, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodMadMot-LICS>

DOI: <http://dx.doi.org/10.1145/3209108.3209156>

Manuel Bodirsky, Marcello Mamino, Barnaby Martin, and Antoine Mottet: **The complexity of disjunctive linear Diophantine constraints**. In *Proceedings of MFCS'18*, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodManMarMot-MFCS>

Manuel Bodirsky, Marcello Mamino, and Caterina Viola: **Submodular Functions and Valued Constraint Satisfaction Problems over Infinite Domains**. In Dan Ghica and Achim Jung, editors, *27th EACSL Annual Conference on Computer Science Logic (CSL 2018)*, volume 119 of *Leibniz International Proceedings in Informatics (LIPIcs)*,

pages 12:1–12:22. Dagstuhl, Germany, Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2018.

BibTeX entry: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#bodirsky_et_al:LPIcs:2018:9679

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2018/Submodular.pdf>

DOI: 10.4230/LIPIcs.CSL.2018.12

Manuel Bodirsky and Antoine Mottet: **A Dichotomy for First-Order Reducts of Unary Structures**. *Logical Methods in Computer Science*, Volume 14, Issue 2, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodMot-LMCS>

DOI: [http://dx.doi.org/10.23638/LMCS-14\(2:13\)2018](http://dx.doi.org/10.23638/LMCS-14(2:13)2018)

Gerhard Brewka, Matthias Thimm, and Markus Ulbricht: **Strong inconsistency**. *Artificial Intelligence*, 267:78–117, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BREWKA201978>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BREWKA201978>

DOI: <https://doi.org/10.1016/j.artint.2018.11.002>

Manfred Droste and Erik Paul: **A Feferman-Vaught decomposition theorem for weighted MSO logic**. In *Proceedings of MFCS'18*, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DroPau-MFCS18>

Joachim Klein, Christel Baier, Philipp Chrszon, Marcus Daum, Clemens Dubslaff, Sascha Klüppelholz, Steffen Märcker, and David Müller: **Advances in probabilistic model checking with PRISM: variable reordering, quantiles and weak deterministic Büchi automata**. *International Journal on Software Tools for Technology Transfer (STTT)*, 20(2):179–194, 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#KBCDDKMM-STTT-18>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#KBCDDKMM-STTT-18>

Maximilian Pensel and Anni-Yasmin Turhan: **Reasoning in the Defeasible Description Logic \mathcal{EL}_\perp —Computing Standard Inferences under Rational and Relevant Semantics**. *International Journal of Approximate Reasoning (IJAR)*, 103:28–70,

2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#PeTu-IJAR-18>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#PeTu-IJAR-18>

DOI: <https://doi.org/10.1016/j.ijar.2018.08.005>

Markus Ulbricht, Matthias Thimm, and Gerhard Brewka: **Measuring Strong Inconsistency**. In *Proceedings of the 32nd AAAI Conference on Artificial Intelligence (AAAI'18)*, pages 1989–1996. AAAI Press, February 2018.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Ulbricht:2018>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#Ulbricht:2018>

2017

Shima Asaadi and Sebastian Rudolph: **Gradual Learning of Matrix-Space Models of Language for Sentiment Analysis**. In *Proceedings of the 2nd Workshop on Representation Learning for NLP*, pages 178–185, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#AR-RepL4NLP-2017>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2017/AR-RepL4NLP-2017.pdf>

Franz Baader and Oliver Fernández Gil: **Decidability and Complexity of Threshold Description Logics Induced by Concept Similarity Measures**. In *Proceedings of the 32nd Annual ACM Symposium on Applied Computing, Marrakech, Morocco, April 4-6, 2017*, pages 983–988. ACM, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#sacBaFe17>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#sacBaFe17>

Franz Baader, Oliver Fernández Gil, and Pavlos Marantidis: **Approximation in Description Logics: How Weighted Tree Automata Can Help to Define the Required Concept Comparison Measures in \mathcal{FL}_0** . In Frank Drewes, Carlos Martín-Vide, and Bianca Truthe, editors, *Proceedings of the 11th International Conference on Language and Automata Theory and Applications (LATA 2017)*, volume 10168 of *Lecture Notes in Computer Science*, pages 3–26. Springer, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaFM-LATA17>
Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaFM-LATA17>
Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2017/BaFM-LATA17.pdf>
DOI: 10.1007/978-3-319-53733-7₁

Franz Baader and Pavlos Marantidis: **Language equations for approximate matching in the Description Logic FL0**. In Adrià Gascón and Christopher Lynch, editors, *Proceedings of the 31st International Workshop on Unification (UNIF'17)*, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaMa-UNIF2017>
Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaMa-UNIF2017>
Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2017/BaMa-UNIF2017.pdf>

Manuel Bodirsky, Barnaby Martin, and Antoine Mottet: **Discrete Temporal Constraint Satisfaction Problems**. *Journal of the ACM*, 2017. Accepted for publication in the Journal of the ACM.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodMarMot-DiscreteTemporal>

Gerhard Brewka, Matthias Thimm, and Markus Ulbricht: **Strong Inconsistency in Nonmonotonic Reasoning**. In *Proceedings of the Twenty-Sixth International Joint Conference on Artificial Intelligence, IJCAI-17*, pages 901–907, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#brewka2017strong>
Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#brewka2017strong>
Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2017/nonmonmmtmu.pdf>
DOI: 10.24963/ijcai.2017/125

Manfred Droste and Stefan Dück: **Weighted Automata and Logics for Infinite Nested Words**. *Inf. Comp.*, 253, Part 3:448–466, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DrDue-InfComp-2016>
DOI: <http://dx.doi.org/10.1016/j.ic.2016.06.010>

Manfred Droste, Stefan Dück, Dino Mandrioli, and Matteo Pradella: **Weighted Operator Precedence Languages**. In *Proceedings of MFCS'17*, pages 31:1–31:15, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DDMP-MFCS-2017>

Andreas Ecke: **Quantitative Methods for Similarity in Description Logics**. *Künstliche Intelligenz*, 2017. To appear

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Ecke-KIJ-17>

Luisa Herrmann: **A Medvedev Characterization of Recognizable Tree Series**. In Émilie Charlier, Julien Leroy, and Michel Rigo, editors, *Proc. 21th Int. Conf. on Developments in Language Theorie (DLT 2017)*, pages 210–221. Cham, Springer International Publishing, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#her17>

DOI: 10.1007/978-3-319-62809-7₁</sub>5

David Müller and Salomon Sickert: **LTL to Deterministic Emerson-Lei Automata**. In *8th International Symposium on Games, Automata, Logics and Formal Verification (GandALF)*, volume 256 of *Electronic Proceedings of Theoretical Computer Science*, pages 180–194. Open Publishing Association, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#MS-GandALF-17>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#MS-GandALF-17>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2017/MS-GandALF-17.pdf>

Erik Paul: **Monitor logics for quantitative monitor automata**. In *Proceedings of MFCS'17*, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Pau-MFCS172>

Erik Paul: **The equivalence, unambiguity and sequentiality problems of finitely ambiguous max-plus tree automata are decidable**. In *Proceedings of MFCS'17*, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Pau-MFCS171>

Maximilian Pensel and Anni-Yasmin Turhan: **Including Quantification in Defeasible Reasoning for the Description Logic \mathcal{EL}_{bot}** . In Marcello Balduccini and Tomi

Janhunen, editors, *Proceedings of the 14th International Conference on Logic Programming and Nonmonotonic Reasoning - LPNMR*, pages 78–84. Springer, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#PeTu-LPNMR-17>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#PeTu-LPNMR-17>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2017/PeTu-LPNMR-17.pdf>

DOI: 10.1007/978-3-319-61660-5₉

Maximilian Pensel and Anni-Yasmin Turhan: **Making Quantification Relevant again—the case of Defeasible \mathcal{EL}_{bot}** . In Richard Booth, Giovanni Casini, and Ivan Varzinczak, editors, *Proceedings of the 4th International Workshop on Defeasible and Ampliative Reasoning - DARE*. CEUR-WS.org, 2017.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#PeTu-DARE-17>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#PeTu-DARE-17>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2017/PeTu-DARE-17.pdf>

2016

Shima Asaadi and Sebastian Rudolph: **On the Correspondence between Compositional Matrix-Space Models of Language and Weighted Automata**. In *Proceedings of the SIGFSM Workshop on Statistical NLP and Weighted Automata*, pages 70–74, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#AR-SIGFSM-2016>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2016/AR-SIGFSM-2016.pdf>

Franz Baader and Andreas Ecke: **Reasoning with Prototypes in the Description Logic ALC using Weighted Tree Automata**. In *Proceedings of the 10th International Conference on Language and Automata Theory and Applications (LATA 2016)*, *Lecture Notes in Computer Science*, pages 63–75. Springer-Verlag, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaEc-LATA16>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaEc-LATA16>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/>

data/papers/2016/BaEc-LATA16.pdf

Franz Baader and Oliver Fernández Gil: **Extending the Description Logic $\text{tel}(\text{deg})$ with Acyclic TBoxes**. In *ECAI 2016 - 22nd European Conference on Artificial Intelligence, 29 August-2 September 2016, The Hague, The Netherlands - Including Prestigious Applications of Artificial Intelligence (PAIS 2016)*, volume 285 of *Frontiers in Artificial Intelligence and Applications*, pages 1096–1104. IOS Press, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DBLP:conf/ecai/BaaderG16>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#DBLP:conf/ecai/BaaderG16>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2016/ecaiBaFe16.pdf>

Franz Baader, Pavlos Marantidis, and Alexander Okhotin: **Approximate Unification in the Description Logic \mathcal{FL}_0** . In Loizos Michael and Antonis C. Kakas, editors, *Proc. of the 15th Eur. Conf. on Logics in Artificial Intelligence (JELIA 2016)*, volume 10021 of *Lecture Notes in Artificial Intelligence*. Springer-Verlag, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BM16>

P. Babari and N. Schweikardt: **+Omega-Picture Languages Recognizable by Büchi-Tiling Systems**. In *Proc. of the 10th International Conference on Language and Automata Theory and Applications (LATA 2016), Lecture Notes in Computer Science*, pages 76–88. Springer, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaSch>

Christel Baier, Stefan Kiefer, Joachim Klein, Sascha Klueppelholz, David Mueller, and James Worrell: **Markov Chains and Unambiguous Büchi Automata**. In *28th International Conference on Computer Aided Verification, Lecture Notes in Computer Science*. Springer, 2016. to appear

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BKMKMW16>

Christel Baier, Sascha Klüppelholz, Hermann de Meer, Florian Niedermeier, and Sascha Wunderlich: **Greener Bits: Formal Analysis of Demand Response**. In Cyrille Artho, Axel Legay, and Doron Peled, editors, *Proc. of the 14th Int. Symp. on Automated*

Technology for Verification and Analysis (ATVA 2016), volume 9938 of *Lecture Notes in Computer Science*, pages 323–339. Springer-Verlag, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BKMNW16>

Manuel Bodirsky, Victor Dalmau, Barnaby Martin, Antoine Mottet, and Michael Pinsker: **Distance Constraint Satisfaction Problems**. *Information and Computation*, 247:87–105, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodDalMarMotPin-InfComp-2015>
DOI: <http://dx.doi.org/10.1016/j.ic.2015.11.010>

Manuel Bodirsky and Antoine Mottet: **Reducts of finitely bounded homogeneous structures, and lifting tractability from finite-domain constraint satisfaction**. In *Proceedings of the Thirty-First Annual Symposium on Logic in Computer Science (LICS)*, pages 623–632, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodMot-LICS-2016>
DOI: <http://dx.doi.org/10.1145/2933575.2934515>

Claudia Carapelle, Shiguang Feng, Alexander Kartzow, and Markus Lohrey: **Satisfiability of ECTL* with local tree constraints**. *Theory of Computing Systems*, 2016. Zur Veröffentlichung angenommen.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#CFKL2016stip>

Claudia Carapelle and Anni-Yasmin Turhan: **Description Logics Reasoning w.r.t. general TBoxes is decidable for Concrete Domains with the EHD-property**. In Gal A. Kaminka, Maria Fox, Paolo Bouquet, Eyke Hüllermeier, Virginia Dignum, Frank Dignum, and Frank van Harmelen, editors, *Proceedings of the 22nd European Conference on Artificial Intelligence*, pages 1440–1448. Dresden, Germany, IOS Press, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#CaTu-ECAI-16>
Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#CaTu-ECAI-16>
Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2016/CaTu-ECAI-16.pdf>
DOI: 10.3233/978-1-61499-672-9-1440

M. Droste and V. Perevoshchikov: **Multi-weighted automata and MSO logic**. *Theory of Computing Systems*, 2016. DOI: 10.1007/s00224-015-9658-9. Accepted for publication.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DrostePerev-TOCS-16>

Manfred Droste, Zoltán Fülöp, and Doreen Götze: **A Kleene Theorem for Weighted Tree Automata over Tree Valuation Monoids**. In *Proc. of the 10th International Conference on Language and Automata Theory and Applications (LATA 2016)*, *Lecture Notes in Computer Science*, pages 452–463, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DFG-LATA-2016>

Stefan Dück: **Weighted Automata and Logics on Infinite Graphs**. In *Proceedings of the 20th International Conference on Developments in Language Theory (DLT 2016)*, volume 9840 of *LNCS*, pages 151–163. Springer, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Due16>

Daniel Gburek, Christel Baier, and Sascha Klüppelholz: **Composition of Stochastic Transition Systems Based on Spans and Couplings**. In Ioannis Chatzigiannakis, Michael Mitzenmacher, Yuval Rabani, and Davide Sangiorgi, editors, *Proc. of the 43rd Int. Coll. on Automata, Languages and Programming (ICALP 2016)*, volume 55 of *Leibniz International Proceedings in Informatics*, pages 102:1–102:15. Schloss Dagstuhl – Leibniz-Zentrum für Informatik, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#icalpGburek16>

Luisa Herrmann and Heiko Vogler: **Weighted Symbolic Automata with Data Storage**. In Srećko Brlek and Christophe Reutenauer, editors, *Proc. of the 20th Int. Conf. on Developments in Language Theory (DLT 2016)*, volume 9840 of *Lecture Notes in Computer Science*, pages 203–215. Springer-Verlag, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Herrmann2016>

Joachim Klein, Christel Baier, Philipp Chrszon, Marcus Daum, Clemens Dubslaff, Sascha Klüppelholz, Steffen Märcker, and David Müller: **Advances in Symbolic Probabilistic Model Checking with PRISM**. In *Proc. of the 22th International Conference on*

Tools and Algorithms for the Construction and Analysis of Systems (TACAS), volume 9636 of *Lecture Notes in Computer Science*, pages 349–366. Springer, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#KBCDDKMM16>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#KBCDDKMM16>

Mark-Jan Nederhof, Markus Teichmann, and Heiko Vogler: **Non-Self-Embedding Linear Context-Free Tree Grammars Generate Regular Tree Languages**. *Journal of Automata, Languages and Combinatorics*, 2016. To appear

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#nedteivog16>

Johannes Osterholzer, Toni Dietze, and Luisa Herrmann: **Linear Context-Free Tree Languages and Inverse Homomorphisms**. In *Proc. of the 10th International Conference on Language and Automata Theory and Applications (LATA 2016)*, *Lecture Notes in Computer Science*, pages 478–489. Springer-Verlag, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#ODH-LATA-2016>

Erik Paul: **On Finite and Polynomial Ambiguity of Weighted Tree Automata**. In *Proceedings of the 20th International Conference on Developments in Language Theory (DLT 2016)*, volume 9840 of *LNCS*, pages 368–379. Springer, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Pau16>

DOI: 10.1007/978-3-662-53132-7₃0

Markus Teichmann: **Regular Approximation of Weighted Linear Nondeleting Context-Free Tree Languages**. In *Proceedings of the 21st International Conference on Implementation and Application of Automata (CIAA)*, volume 9705 of *Lecture Notes in Computer Science*, pages 1–12, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#tei16>

DOI: 10.1007/978-3-319-40946-7₂3

Markus Ulbricht, Matthias Thimm, and Gerhard Brewka: **Measuring Inconsistency in Answer Set Programs**. In Loizos Michael and Antonis Kakas, editors, *Logics in Artificial Intelligence: 15th European Conference, JELIA 2016, Larnaca, Cyprus, November 9-11, 2016, Proceedings*, pages 577–583. Cham, Springer International Publishing, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Ulbricht2016>
DOI: <http://dx.doi.org/10.1007/978-3-319-48758-8₄2>

Heiko Vogler, Manfred Droste, and Luisa Herrmann: **A Weighted MSO Logic with Storage Behaviour and its Büchi-Elgot-Trakhtenbrot Theorem**. In *Proc. of the 10th International Conference on Language and Automata Theory and Applications (LATA 2016)*, *Lecture Notes in Computer Science*, pages 127–139. Springer-Verlag, 2016.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#VDH-LATA-2016>
Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#VDH-LATA-2016>

2015

Franz Baader, Stefan Borgwardt, and Marcel Lippmann: **Temporal Query Entailment in the Description Logic \mathcal{SHQ}** . *Journal of Web Semantics*, 33:71–93, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaBL-JWS15>
Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaBL-JWS15>
DOI: <http://dx.doi.org/10.1016/j.websem.2014.11.008>

Franz Baader, Gerhard Brewka, and Oliver Fernández Gil: **Adding Threshold Concepts to the Description Logic \mathcal{EL}** . In Carsten Lutz and Silvio Ranise, editors, *Proceedings of the 10th International Symposium on Frontiers of Combining Systems (FroCoS'15)*, volume 9322 of *Lecture Notes in Artificial Intelligence*, pages 33–48. Wrocław, Poland, Springer-Verlag, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BBG-FROCOS-15>
Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BBG-FROCOS-15>
Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2015/BBG-FROCOS-15.pdf>
Extended technical report (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2015/BBG-FROCOS-15.long.pdf>

P. Babari and M. Droste: **A Nivat theorem for weighted picture automata and weighted MSO logics**. In *Language and Automata Theory and Applications (LATA 2015)*, volume 8977 of *LNCS*, pages 703–715. Springer, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BD15>

Tomas Babiak, Frantisek Blahoudek, Alexandre Duret-Lutz, Joachim Klein, Jan Kretinsky, David Mueller, David Parker, and Jan Strejcek: **The Hanoi Omega-Automata Format**. In *27th International Conference on Computer Aided Verification (CAV)*, volume 9206 of *Lecture Notes in Computer Science*, pages 479–486, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BBDKKMPS-CAV15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BBDKKMPS-CAV15>

©Springer-Verlag: <http://www.springer.de/comp/lncs/index.html>

Manuel Bodirsky, Barnaby Martin, and Antoine Mottet: **Constraint Satisfaction Problems over the Integers with Successor**. In Magnús M. Halldórsson, Naoki Kobayashi, and Bettina Speckmann, editors, *Automata, Languages, and Programming (ICALP 2015)*, volume 9134 of *LNCS*, pages 256–267. Springer-Verlag Berlin Heidelberg, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BodMarMot-ICALP-2015>

(The final publication is available at: http://link.springer.com/chapter/10.1007%2F978-3-662-47672-7_21)

Stefan Borgwardt, Marcel Lippmann, and Veronika Thost: **Temporalizing Rewritable Query Languages over Knowledge Bases**. *Journal of Web Semantics*, 33:50–70, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BoLT-JWS15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BoLT-JWS15>

DOI: 10.1016/j.websem.2014.11.007

C. Carapelle, S. Feng, A. Kartzow, and M. Lohrey: **Satisfiability of ECTL* with tree constraints**. In *10th International Computer Science Symposium in Russia (CSR 2015)*, volume 9139 of *LNCS*, pages 94–108. Springer, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#CFKL15>

Claudia Carapelle and Markus Lohrey: **Temporal Logics with Local Constraints (Invited Contribution)**. In Stephan Kreutzer, editor, *24th EACSL Annual Conference on Computer Science Logic (CSL 2015)*, volume 41 of *Leibniz International Proceedings in*

Informatics (LIPIcs), pages 2–13. Dagstuhl, Germany, Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2015.

BibTeX entry: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#carapelle_et_al:LIPIcs:2015:5446

DOI: <http://dx.doi.org/10.4230/LIPIcs.CSL.2015.2>

M. Droste and S. Dück: **Weighted automata and logics on graphs**. In *Proceedings of the 40th Conference on Mathematical Foundations of Computer Science (MFCS 2015), Part I*, volume 9234 of *LNCS*, pages 192–204. Springer, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DD15>

M. Droste and D. Heusel: **The supports of weighted unranked tree automata**. *Fundamenta Informaticae*, 136:37–58, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DH15>

M. Droste and V. Perevoshchikov: **A logical characterization of timed pushdown languages**. In *10th International Computer Science Symposium in Russia (CSR 2015)*, volume 9139 of *LNCS*, pages 189–203. Springer, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DP151>

M. Droste and V. Perevoshchikov: **Logics for weighted timed pushdown automata**. In *A Symposium on Logic in Computer Science celebrating Yuri Gurevich's 75th birthday (YURIFEST 2015)*, *LNCS*, pages 153–173. Springer, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DP152>

Manfred Droste, Doreen Heusel, and Heiko Vogler: **Weighted Unranked Tree Automata over Tree Valuation Monoids and Their Characterization by Weighted Logics**. In Andreas Maletti, editor, *Algebraic Informatics*, volume 9270 of *Lecture Notes in Computer Science*, pages 90–102. Springer International Publishing, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DHV15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#DHV15>

DOI: 10.1007/978-3-319-23021-4₉

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Similarity-based Relaxed Instance Queries**. *Journal of Applied Logic*, 13(4, Part 1):480–508, 2015. Special Issue for the Workshop on Weighted Logics for AI 2013

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-JAL15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#EcPeTu-JAL15>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2015/EcPeTu-JAL15.pdf>

DOI: <http://dx.doi.org/10.1016/j.jal.2015.01.002>

Andreas Ecke, Maximilian Pensel, and Anni-Yasmin Turhan: **ELASTIQ: Answering Similarity-threshold Instance Queries in \mathcal{EL}** . In Diego Calvanese and Boris Konev, editors, *Proceedings of the 28th International Workshop on Description Logics (DL-2015)*, volume 1350 of *CEUR Workshop Proceedings*. CEUR-WS.org, June 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-DL15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#EcPeTu-DL15>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2015/EcPeTu-DL15.pdf>

S. Feng, M. Lohrey, and K. Quaas: **Path checking for MTL and TPTL over data words**. In *19th International Conference on Developments in Language Theory (DLT 2015)*, volume 9168 of *LNCS*, pages 326–339. Springer, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#FLQ15>

Zoltán Fülöp and Heiko Vogler: **Characterizations of recognizable weighted tree languages by logic and bimorphisms**. *Soft Computing*1–12, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#fuelvog15a>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#fuelvog15a>

DOI: 10.1007/s00500-015-1717-2

Zoltán Fülöp and Heiko Vogler: **Characterizing Weighted MSO for Trees by Branching Transitive Closure Logics..** *Theoretical Computer Science*, 594:82–105, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#fuelvog15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#fuelvog15>

DOI: 10.1016/j.tcs.2015.04.024

Kilian Gebhardt and Johannes Osterholzer: **A direct link between Tree-Adjoining and Context-Free Tree Grammars.** In Thomas Hanneforth and Christian Wurm, editors, *Proceedings of the 12th International Conference on Finite-State Methods and Natural Language Processing (FSMNLP)*, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#gebost15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#gebost15>

Oliver Fernandez Gil, Franz Baader, and Gerhard Brewka: **Adding Threshold Concepts to the Description Logic EL.** In *Proceedings of the 28th International Workshop on Description Logics, Athens, Greece, June 7-10, 2015.*, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DBLP:conf/dlog/GilBB15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#DBLP:conf/dlog/GilBB15>

Luisa Herrmann and Heiko Vogler: **A Chomsky-Schützenberger Theorem for Weighted Automata with Storage.** In Andreas Maletti, editor, *Proceedings of the 6th International Conference on Algebraic Informatics (CAI 2015)*, pages 115–127. Springer International Publishing Switzerland, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#hervog15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#hervog15>

Daniel Krähmann, Jana Schubert, Christel Baier, and Clemens Dubslaff: **Ratio and Weight Quantiles.** In *40th International Symposium on Mathematical Foundations of Computer Science (MFCS), Lecture Notes in Computer Science*, pages 344–356. Springer Berlin Heidelberg, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#mfcsKraehmann15>

DOI: 10.1007/978-3-662-48057-1₂</sub>7

Johannes Osterholzer: **Complexity of Uniform Membership of Context-Free Tree Grammars.** In Andreas Maletti, editor, *Proceedings of the 6th International Conference on Algebraic Informatics (CAI 2015)*, pages 176–188, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#ost15>

V. Perevoshchikov: **Weight assignment logic**. In *19th International Conference on Developments in Language Theory (DLT 2015)*, volume 9168 of *LNCS*, pages 413–425. Springer, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Pe15>

Markus Teichmann and Johannes Osterholzer: **A link between multioperator and tree valuation automata and logics**. *Theoretical Computer Science*, 594:106–119, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#teiost15>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#teiost15>

DOI: 10.1016/j.tcs.2015.04.033

Thomas Weidner: **Probabilistic Regular Expressions and MSO Logic on Finite Trees**. In Prahladh Harsha and G. Ramalingam, editors, *35th IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2015)*, volume 45 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 503–516. Dagstuhl, Germany, Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2015.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Weidner-FSTTCS-2015>

DOI: <http://dx.doi.org/10.4230/LIPIcs.FSTTCS.2015.503>

2014

Franz Baader and Marcel Lippmann: **Runtime Verification Using the Temporal Description Logic ALC -LTL Revisited**. *Journal of Applied Logic*, 12(4):584–613, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaLi-JAL14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaLi-JAL14>

DOI: <http://dx.doi.org/10.1016/j.jal.2014.09.001>

Christel Baier, Clemens Dubslaff, Joachim Klein, Sascha Klüppelholz, and Sascha Wunderlich: **Probabilistic Model Checking for Energy-Utility Analysis**. In *Horizons of*

the Mind. A Tribute to Prakash Panangaden, volume 8464 of *Lecture Notes in Computer Science*, pages 96–123. Springer, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaDuKlKlWu-PP14>

Christel Baier, Clemens Dubslaff, Sascha Klüppelholz, Marcus Daum, Joachim Klein, Steffen Märcker, and Sascha Wunderlich: **Probabilistic Model Checking and Non-standard Multi-objective Reasoning**. In *Proc. of the 17th International Conference on Fundamental Approaches to Software Engineering (FASE)*, volume 8411 of *Lecture Notes in Computer Science*, pages 1–16. Springer, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaDuKlDaKlMaWu-FASE14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaDuKlDaKlMaWu-FASE14>

Christel Baier, Clemens Dubslaff, Sascha Klüppelholz, and Linda Leuschner: **Energy-Utility Analysis for Resilient Systems Using Probabilistic Model Checking**. In *Proc. of the 35th Conference on Application and Theory of Petri Nets and Concurrency (PETRI NETS)*, volume 8489 of *Lecture Notes in Computer Science*, pages 20–39. Springer, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BDKL14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BDKL14>

Christel Baier, Joachim Klein, Sascha Klüppelholz, and Sascha Wunderlich: **Weight Monitoring with Linear Temporal Logic: Complexity and Decidability**. In *Proc. of the 23rd Conference on Computer Science Logic and the 29th Symposium on Logic In Computer Science (CSL-LICS)*, pages 11:1–11:10. ACM, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaKlKlWu-CSLLICS14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaKlKlWu-CSLLICS14>

Stefan Borgwardt, Felix Distel, and Rafael Peñaloza: **Decidable Gödel description logics without the finitely-valued model property**. In *Proceedings of the 14th International Conference on Principles of Knowledge Representation and Reasoning (KR'14)*, pages 228–237. Vienna, Austria, AAAI Press, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BoDP-KR14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BoDP-KR14>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/>

[data/papers/2014/BoDP-KR14.pdf](#)

Stefan Borgwardt and Rafael Peñaloza: **Consistency Reasoning in Lattice-Based Fuzzy Description Logics**. *International Journal of Approximate Reasoning*, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BoPe-IJAR14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BoPe-IJAR14>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/BoPe-IJAR14.pdf>

DOI: <http://dx.doi.org/10.1016/j.ijar.2013.07.006>

Claudia Carapelle, Shiguang Feng, Oliver Fernández Gil, and Karin Quaas: **Satisfiability for MTL and TPTL over Non-monotonic Data Words**. In Adrian-Horia Dediu, Carlos Martín-Víde, José-Luis Sierra-Rodríguez, and Bianca Truthe, editors, *Language and Automata Theory and Applications*, volume 8370 of *Lecture Notes in Computer Science*, pages 248–259. Springer International Publishing, 2014.

BibTeX entry: http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Carapelle_Feng_Fernandez_Quaas_LATA2014.bib

Paper (PDF): http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/Carapelle_Feng_Fernandez_Quaas_LATA2014.pdf

DOI: 10.1007/978-3-319-04921-2₂</sub>0

Claudia Carapelle, Shiguang Feng, Oliver Fernandez Gil, and Karin Quaas: **On the Expressiveness of TPTL and MTL over omega-Data Words**. In Zoltán É and Zoltán Fülöp, editors, *Proceedings 14th International Conference on Automata and Formal Languages, AFL 2014, Szeged, Hungary, May 27-29, 2014*, volume 151 of *EPTCS*, pages 174–187, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DBLP:journals/corr/CarapelleFGQ13>

Paper (PDF): http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/Feng_AFL2014.pdf

M. Droste and V. Perevoshchikov: **A Nivat theorem for weighted timed automata and weighted relative distance logic**. In *35th Int. Colloq. on Automata, Languages, and Programming (ICALP 2014)*, volume 8573 of *LNCS*, pages 171–182. Springer, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DP14>

Manfred Droste and Stefan Dück: **Weighted Automata and Logics for Infinite Nested Words**. In Adrian Horia Dediu, Carlos Martín-Vide, José Luis Sierra-Rodríguez, and Bianca Truthe, editors, *8th International Conference on Language and Automata Theory and Application (LATA)*, volume 8370 of *Lecture Notes in Computer Science*, pages 323–334. Madrid, Spain, Springer, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DrDue-LATA-2014>

Manfred Droste and Heiko Vogler: **The Chomsky-Schützenberger Theorem for Quantitative Context-Free Languages**. *International Journal of Foundations of Computer Science*, 25(8):955–969, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#drovog14a>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#drovog14a>

DOI: 10.1142/S0129054114400176

Andreas Ecke: **Similarity-based Relaxed Instance Queries in \mathcal{EL}^{++}** . In Thomas Lukasiewicz, Rafael Peñaloza, and Anni-Yasmin Turhan, editors, *Proceedings of the First Workshop on Logics for Reasoning about Preferences, Uncertainty, and Vagueness*, volume 1205 of *CEUR Workshop Proceedings*, pages 101–113. CEUR-WS.org, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Ecke-PRUV-14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#Ecke-PRUV-14>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/Ecke-PRUV-14.pdf>

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Answering Instance Queries Relaxed by Concept Similarity**. In *Proceedings of the Fourteenth International Conference on Principles of Knowledge Representation and Reasoning (KR'14)*, pages 248–257. Vienna, Austria, AAAI Press, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-KR14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#EcPeTu-KR14>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/EcPeTu-KR14.pdf>

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Completion-based Generalization Inferences for the Description Logic \mathcal{ELOR} with Subjective Probabilities**. *International Journal of Approximate Reasoning*, 55(9):1939–1970, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-IJAR-14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#EcPeTu-IJAR-14>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/EcPeTu-IJAR-14.pdf>

DOI: <http://dx.doi.org/10.1016/j.ijar.2014.03.001>

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Mary, What's Like All Cats?**. In *Proceedings of the 27th International Workshop on Description Logics (DL-2014)*, July 2014. Extended Abstract

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-DL14>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/EcPeTu-DL14.pdf>

Oliver Fernández Gil: **On the Non-Monotonic Description Logic ALC+Tmin**. In *Proceedings of the 15th International Workshop on Non-Monotonic Reasoning (NMR'14)*, pages 114–122, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Gil-NMR-14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#Gil-NMR-14>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2014/Gil-NMR-14.pdf>

Joachim Klein, David Müller, Christel Baier, and Sascha Klüppelholz: **Are Good-for-Games Automata Good for Probabilistic Model Checking?**. In Adrian Horia Dediu, Carlos Martín-Vide, José Luis Sierra-Rodríguez, and Bianca Truthe, editors, *Language and Automata Theory and Applications - 8th International Conference, LATA 2014, Madrid, Spain, March 10-14, 2014. Proceedings*, volume 8370 of *Lecture Notes in Computer Science*, pages 453–465. Springer, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DBLP:conf/lata/KleinMBK14>

Johannes Osterholzer: **Pushdown Machines for Weighted Context-Free Tree Translation**. In *Proceedings of 19th International Conference on Implementation and Application of Automata (CIAA 2014)*, pages 290–303, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#ost14>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#ost14>

DOI: 10.1007/978-3-319-08846-4₂

Thomas Weidner: **Probabilistic Omega-Regular Expressions**. In Adrian-Horia Dediu, Carlos Martín-Vide, José-Luis Sierra-Rodríguez, and Bianca Truthe, editors, *Language and Automata Theory and Applications*, volume 8370 of *Lecture Notes in Computer Science*, pages 588–600. Springer International Publishing, 2014.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Weidner-LATA-2014>

DOI: 10.1007/978-3-319-04921-2₄8

©Springer-Verlag: <http://www.springer.de/comp/lncs/index.html>

2013

Ignasi Abío, Robert Nieuwenhuis, Albert Oliveras, and Enric Rodríguez-Carbonell: **A Parametric Approach for Smaller and Better Encodings of Cardinality Constraints**. In *19th International Conference on Principles and Practice of Constraint Programming, CP'13*, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#parametricCardinalityConstraint>

Ignasi Abío, Robert Nieuwenhuis, Albert Oliveras, Enric Rodríguez-Carbonell, and Peter J. Stuckey: **To Encode or to Propagate? The Best Choice for Each Constraint in SAT**. In *19th International Conference on Principles and Practice of Constraint Programming, CP'13*, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#encodeOrPropagate>

Franz Baader, Stefan Borgwardt, and Marcel Lippmann: **Temporalizing Ontology-Based Data Access**. In *Proceedings of the 24th International Conference on Automated Deduction (CADE-24), Lecture Notes in Artificial Intelligence*. Lake Placid, NY, USA, Springer-Verlag, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BaBL-CADE13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BaBL-CADE13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/BaBL-CADE13.pdf>

Extended technical report (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/BaBL-CADE13.long.pdf>

(The final publication is available at: <http://link.springer.com/book/10.1007/978-3-642-38574-2/page/1>)

Daniel Borchmann: **Axiomatizing $\mathcal{EL}_{\text{gfp}}^{\perp}$ -General Concept Inclusions in the Presence of Untrusted Individuals**. In Thomas Eiter, Birte Glimm, Yevgeny Kazakov, and Markus Krötzsch, editors, *Proceedings of the 26th International Workshop on Description Logics (DL-2013)*, volume 1014 of *CEUR Workshop Proceedings*. Ulm, Germany, CEUR-WS.org, July 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Borc-DL13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#Borc-DL13>

Daniel Borchmann: **Axiomatizing \mathcal{EL}^{\perp} -Expressible Terminological Knowledge from Erroneous Data**. In *Proceedings of the seventh international conference on Knowledge capture, K-CAP '13*, pages 1–8. New York, NY, USA, ACM, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Borc-KCAP13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#Borc-KCAP13>

DOI: 10.1145/2479832.2479835

Daniel Borchmann: **Towards an Error-Tolerant Construction of \mathcal{EL}^{\perp} -Ontologies from Data Using Formal Concept Analysis**. In Peggy Cellier, Felix Distel, and Bernhard Ganter, editors, *Formal Concept Analysis, 11th International Conference, ICFCA 2013, Dresden, Germany, May 21-24, 2013. Proceedings*, volume 7880 of *Lecture Notes in Computer Science*, pages 60–75. Springer, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Borc-ICFCA13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#Borc-ICFCA13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/Borc-ICFCA13.pdf>

Stefan Borgwardt, Marcel Lippmann, and Veronika Thost: **Temporal Query Answering in the Description Logic *DL-Lite***. In Pascal Fontaine, Christophe Ringeissen, and Renate A. Schmidt, editors, *Proceedings of the 9th International Symposium on Frontiers of Combining Systems (FroCoS 2013)*, volume 8152 of *Lecture Notes in Computer Science*, pages 165–180. Nancy, France, Springer-Verlag, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BoLiTh-FroCoS13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BoLiTh-FroCoS13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/>

[data/papers/2013/BoLiTh-FroCoS13.pdf](#)

Extended technical report (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/BoLiTh-FroCoS13.long.pdf>

(The final publication is available at: <http://link.springer.com>)

Stefan Borgwardt, Marcel Lippmann, and Veronika Thost: **Temporal Query Answering in *DL-Lite***. In Thomas Eiter, Birte Glimm, Yevgeny Kazakov, and Markus Krötzsch, editors, *Proceedings of the 26th International Workshop on Description Logics (DL-2013)*, volume 1014 of *CEUR Workshop Proceedings*. Ulm, Germany, CEUR-WS.org, July 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BoLiTh-DL13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/BoLiTh-DL13.pdf>

Extended technical report (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/BoLiTh-DL13.long.pdf>

Stefan Borgwardt and Rafael Peñaloza: **About Subsumption in Fuzzy \mathcal{EL}** . In Thomas Eiter, Birte Glimm, Yevgeny Kazakov, and Markus Krötzsch, editors, *Proceedings of the 2013 International Workshop on Description Logics (DL'13)*, volume 1014 of *CEUR Workshop Proceedings*, pages 526–538, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BoPe-DL13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BoPe-DL13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/BoPe-DL13.pdf>

Stefan Borgwardt and Rafael Peñaloza: **Positive Subsumption in Fuzzy \mathcal{EL} with General t -norms**. In Francesca Rossi, editor, *Proceedings of the 23rd International Joint Conference on Artificial Intelligence (IJCAI'13)*, pages 789–795. Beijing, China, AAAI Press, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#BoPe-IJCAI13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#BoPe-IJCAI13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/BoPe-IJCAI13.pdf>

©IJCAI : <http://www.ijcai.org>

Claudia Carapelle, Alexander Kartzow, and Markus Lohrey: **Satisfiability of CTL* with Constraints**. In Pedro R. D'Argenio and Hernán Melgratti, editors, *CONCUR 2013 - Concurrency Theory*, volume 8052 of *Lecture Notes in Computer Science*, pages

455–469. Springer Berlin Heidelberg, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#CaKaLo-CONCUR13>

Paper (PDF): http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/CTL_constraints_sat.pdf

DOI: 10.1007/978-3-642-40184-8₃2

(The final publication is available at: yes)

Manfred Droste and Doreen Götze: **The Support of Nested Weighted Automata**. In Suna Bensch, Frank Drewes, Rudolf Freund, and Friedrich Otto, editors, *Non-Classical Models of Automata and Applications (NCMA)*, *books@ocg.at*, pages 101–116. Umeå, Sweden, Österreichische Computer Gesellschaft, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DrGoe-NCMA13>

Manfred Droste and Vitaly Pervoshchikov: **Multi-weighted Automata and MSO Logic**. In Andrei A. Bulatov and Arseny M. Shur, editors, *Proceedings of the 8th International Computer Science Symposium in Russia*, volume 7913 of *Lecture Notes in Artificial Intelligence*, pages 418–430. Springer, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#DrPe-CSR13>

(The final publication is available at: yes)

Manfred Droste and Heiko Vogler: **The Chomsky-Schützenberger Theorem for Quantitative Context-Free Languages**. In *Proceedings of the 17th International Conference on Developments in Language Theory (DLT 2013)*, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#drovog13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#drovog13>

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Computing Role-depth Bounded Generalizations in the Description Logic \mathcal{ELOR}** . In *Proceedings of the 36th German Conference on Artificial Intelligence (KI 2013)*, volume 8077 of *Lecture Notes in Artificial Intelligence*. Koblenz, Germany, Springer-Verlag, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-KI-13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#EcPeTu-KI-13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/EcPeTu-KI-13.pdf>

Extended technical report (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/>

data/./QuantLA-Publications/data/papers/2013/EcPeTu-KI-13.long.pdf

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Role-depth bounded Least Common Subsumer in Prob- \mathcal{EL} with Nominals**. In *Proceedings of the 26th International Workshop on Description Logics (DL-2013), CEUR Workshop Proceedings*. Ulm, Germany, CEUR-WS.org, July 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-DL-13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#EcPeTu-DL-13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/EcPeTu-DL-13.pdf>

Andreas Ecke, Rafael Peñaloza, and Anni-Yasmin Turhan: **Towards Instance Query Answering for Concepts Relaxed by Similarity Measures**. In *Workshop on Weighted Logics for AI (in conjunction with IJCAI'13)*, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#EcPeTu-WL4AI-13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#EcPeTu-WL4AI-13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/EcPeTu-WL4AI-13.pdf>

Uwe Ryssel, Felix Distel, and Daniel Borchmann: **Fast algorithms for implication bases and attribute exploration using proper premises**. *Annals of Mathematics and Artificial Intelligence*, Special Issue 65:1–29, 2013.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#RyDiBo-AMAI13>

Abstract: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-abs.html#RyDiBo-AMAI13>

Paper (PDF): <http://lat.inf.tu-dresden.de/~quantla/QuantLA-Publications/data/./QuantLA-Publications/data/papers/2013/RyDiBo-AMAI13.pdf>

(The final publication is available at: <http://www.springer.com/alert/urltracking.do?id=L182c26eMc53eb4Sb093000>)

2012

Thomas Weidner: **Probabilistic Automata and Probabilistic Logic**. In Branislav Rován, Vladimiro Sassone, and Peter Widmayer, editors, *Mathematical Foundations of Computer Science 2012*, volume 7464 of *Lecture Notes in Computer Science*, pages 813–824. Springer Berlin Heidelberg, 2012.

BibTeX entry: <http://lat.inf.tu-dresden.de/~quantla/pubs/papers-bib.html#Weidner-MFCS-2012>
DOI: 10.1007/978-3-642-32589-2₇</sub>0
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