Journals: [9, 86, 80, 51, 25, 12, 7, 28, 14, 53, 2, 38, 10, 59, 69, 4, 75, 48, 36] Conferences: [19, 88, 90, 39, 55, 50, 24, 78, 44, 20, 15, 31, 11, 16, 33, 83, 82,

 $26,\ 13,\ 79,\ 62,\ 21,\ 37,\ 27,\ 52,\ 61,\ 64,\ 84,\ 65,\ 67,\ 46,\ 1,\ 54,\ 71,\ 93,\ 91,\ 8,\ 29,\ 74,$ 

73, 34, 92, 35, 41, 76, 43, 56, 42, 70, 47, 58, 85

Workshops: [17, 18, 40, 22, 81, 63, 68, 66, 60, 72, 3, 5, 57, 6, 30] Technical reports: [89, 87, 49, 23, 77, 45, 32]

## References

- [1] Bart Bogaerts and Luís Cruz-Filipe. Semantics for active integrity constraints using approximation fixpoint theory. In Carles Sierra, editor, *IJ-CAI 2017*, pages 866–872. ijcai.org, 2017.
- [2] Bart Bogaerts and Luís Cruz-Filipe. Fixpoint semantics for active integrity constraints. *Artificial Intelligence*, 255:43–70, February 2018.
- [3] Bart Bogaerts and Luís Cruz-Filipe. A formalisation of approximation fixpoint theory. In Henning Basold, editor, *TYPES 2021*, *Abstracts*, 2021. Extended abstract.
- [4] Bart Bogaerts and Luís Cruz-Filipe. Stratification in approximation fixpoint theory and its application to active integrity constraints. *ACM Trans*actions on Computational Logic, 22(1):6:1–6:19, January 2021.
- [5] Bart Bogaerts and Luís Cruz-Filipe. Formalising of approximation fixpoint theory. In *Days in Logic 2022*, *Abstracts*, 2022. Extended abstract.
- [6] Bart Bogaerts and Luís Cruz-Filipe. Approximation fixpoint theory in Coq – with an application to logic programming. In Venanzio Capretta, Robbert Krebbers, and Freek Wiedijk, editors, Logics and Type Systems in Theory and Practice, volume 14560 of Lecture Notes in Computer Science, pages 84–99. Springer, May 2024.
- [7] Daniel Bundala, Michael Codish, Luís Cruz-Filipe, Peter Schneider-Kamp, and Jakub Závodný. Optimal-depth sorting networks. *Journal of Computer and System Sciences*, 84:185–204, March 2017.
- [8] Marco Carbone, Luís Cruz-Filipe, Fabrizio Montesi, and Agata Murawska. Multiparty classical choreographies. In Fred Mesnard and Peter J. Stuckey, editors, LOPSTR 2018, volume 11408 of Lecture Notes in Computer Science, pages 59–76. Springer, May 2019.
- [9] Rohit Chadha, Luís Cruz-Filipe, Paulo Mateus, and Amílcar Sernadas. Reasoning about probabilistic sequential programs. *Theoretical Computer Science*, 379(1–2):142–165, June 2007.
- [10] Michael Codish, Luís Cruz-Filipe, Thorsten Ehlers, Mike Müller, and Peter Schneider-Kamp. Sorting networks: to the end and back again. *Journal of Computer and System Sciences*, 104:184–201, September 2019.

- [11] Michael Codish, Luís Cruz-Filipe, Michael Frank, and Peter Schneider-Kamp. Twenty-five comparators is optimal when sorting nine inputs (and twenty-nine for ten). In *ICTAI 2014*, pages 186–193. IEEE, December 2014.
- [12] Michael Codish, Luís Cruz-Filipe, Michael Frank, and Peter Schneider-Kamp. Sorting nine inputs requires twenty-five comparisons. *Journal of Computer and System Sciences*, 82(3):551–563, May 2016.
- [13] Michael Codish, Luís Cruz-Filipe, Markus Nebel, and Peter Schneider-Kamp. Applying sorting networks to synthesize optimized sorting libraries. In Moreno Falaschi, editor, LOPSTR 2015, volume 9527 of Lecture Notes in Computer Science, pages 127–142. Springer, March 2016.
- [14] Michael Codish, Luís Cruz-Filipe, Markus Nebel, and Peter Schneider-Kamp. Optimizing sorting algorithms by using sorting networks. *Formal Aspects of Computing*, 29(3):559–579, May 2017.
- [15] Michael Codish, Luís Cruz-Filipe, and Peter Schneider-Kamp. The quest for optimal sorting networks: Efficient generation of two-layer prefixes. In Franz Winkler, Viorel Negru, Tetsuo Ida, Tudor Jebelan, Dana Petcu, Stephen M. Watt, and Daniela Zaharie, editors, SYNASC 2014, pages 359– 366. IEEE, October 2014.
- [16] Michael Codish, Luís Cruz-Filipe, and Peter Schneider-Kamp. Sorting networks: the end game. In Adrian-Horia Dediu, Enrico Formenti, Carlos Martín-Vide, and Bianca Truthe, editors, LATA 2015, volume 8977 of Lecture Notes in Computer Science, pages 664–675. Springer, 2015.
- [17] Luís Cruz-Filipe. Formalizing real calculus in Coq. In V.A. Carreño, C.A. Muñoz, and S. Tahar, editors, Theorem Proving in Higher Order Logics, NASA Conference Proceedings, pages 158–166, Hampton, VA, 2002.
- [18] Luís Cruz-Filipe. Towards automation of real analysis in Coq. In Jürgen Zimmer and Christoph Benzmüller, editors, CALCULEMUS Autumn School 2002: Student Poster Abstracts, Saarbrücken, 2002. University of Saarbrücken. Poster abstract.
- [19] Luís Cruz-Filipe. A constructive formalization of the fundamental theorem of calculus. In Herman Geuvers and Freek Wiedijk, editors, TYPES 2002, volume 2646 of Lecture Notes in Computer Science, pages 108–126. Springer, April 2003.
- [20] Luís Cruz-Filipe. Optimizing computation of repairs from active integrity constraints. In Christoph Beierle and Carlo Meghini, editors, FoIKS 2014, volume 8367 of Lecture Notes in Computer Science, pages 361–380. Springer, March 2014.
- [21] Luís Cruz-Filipe. Grounded fixpoints and active integrity constraints. In Manuel Carro, Andy King, Marina De Vos, and Neda Saeedloei, editors, ICLP'16, volume 52 of OASIcs, pages 11.1–11.14. Schloss Dagstuhl, November 2016.

- [22] Luís Cruz-Filipe, Patrícia Engrácia, Graça Gaspar, Rita Henriques, Isabel Nunes, and Daniel Santos. Tighter integration in dl-programs. In João Cachopo and Beatriz Sousa Santos, editors, *INForum2013*, pages 457–468. Évora, Portugal, 2013.
- [23] Luís Cruz-Filipe, Patrícia Engrácia, Graça Gaspar, and Isabel Nunes. Achieving tightness in dl-programs. Technical Report 2012;03, Faculdade de Ciências da Universidade de Lisboa, July 2012.
- [24] Luís Cruz-Filipe, Patrícia Engrácia, Graça Gaspar, and Isabel Nunes. Computing repairs from active integrity constraints. In Hai Wang and Richard Banach, editors, TASE 2013, pages 183–190. IEEE, July 2013.
- [25] Luís Cruz-Filipe and Fernando Ferreira. The finitistic consistency of heck's predicative fregean system. *Notre-Dame Journal of Formal Logic*, 56(1):61–79, 2015.
- [26] Luís Cruz-Filipe, Michael Franz, Artavazd Hakhverdyan, Marta Ludovico, Isabel Nunes, and Peter Schneider-Kamp. repAIrC: A tool for ensuring data consistency by means of active integrity constraints. In Ana Fred, Jan Dietz, David Aveiro, Kecheng Liu, and Joaquim Filipe, editors, KMIS 2015, volume 3, pages 17–26. SCITEPRESS, November 2015.
- [27] Luís Cruz-Filipe, Michael Franz, Artavazd Hakhverdyan, Marta Ludovico, Isabel Nunes, and Peter Schneider-Kamp. Active integrity constraints: from theory to implementation. In Ana Fred, Jan L.G. Dietz, David Aveiro, Kecheng Liu, and Joaquim Filipe, editors, IC3K 2015, number 631 in Communications in Computer and Information Systems, pages 399–420. Springer, December 2016.
- [28] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. From description-logic programs to multi-context systems. *Journal of Logical and Algebraic Meth*ods in *Programming*, 88:26–44, April 2017.
- [29] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Hypothetical answers to continuous queries over data streams. In AAAI-20, pages 2798–2805. AAAI Press, February 2020.
- [30] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Hypothetical query answering over continuous data streams. In *Days in Logic 2024*, *Abstracts*, 2024. Extended abstract.
- [31] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Information flow within relational multi-context systems. In Krzysztof Janowicz, Stefan Schlobach, Patrick Lambrix, and Eero Hyvönen, editors, EKAW 2014, volume 8876 of Lecture Notes in Artificial Intelligence, pages 97–108. Springer, 2014.
- [32] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Information flow within relational multi-context systems. Technical Report 2014;03, Faculdade de Ciências da Universidade de Lisboa, September 2014.

- [33] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Design patterns for description-logic programs. In Ana Fred, Jan L.G. Dietz, Kecheng Liu, and Joaquim Filipe, editors, *Knowledge Discovery, Knowledge Engineering and Knowledge Management*, volume 454 of *Communications in Computer and Information Science*, pages 199–214. Springer, April 2015.
- [34] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Can you answer while you wait? In Ivan Varzinczak, editor, FoIKS 2022, volume 13388 of Lecture Notes in Computer Science, pages 111–129. Springer, July 2022.
- [35] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Reconciling communication delays and negation. In Seidl et al. [94], pages 151–169.
- [36] Luís Cruz-Filipe, Graça Gaspar, and Isabel Nunes. Hypothetical answers to continuous queries over data streams. *ACM Transactions on Computational Logic*, 25(4):1–40, December 2024.
- [37] Luís Cruz-Filipe, Graça Gaspar, Isabel Nunes, and Peter Schneider-Kamp. Active integrity constraints for multi-context systems. In Eva Blomqvist, Fabio Vitali, Paolo Ciancarini, and Francesco Poggi, editors, EKAW 2016, volume 10024 of Lecture Notes in Artificial Intelligence, pages 98–112. Springer, November 2016.
- [38] Luís Cruz-Filipe, Graça Gaspar, Isabel Nunes, and Peter Schneider-Kamp. Active integrity constraints for general-purpose knowledge bases. *Annals of Mathematics and Artificial Intelligence*, 83(3–4):213–246, August 2018.
- [39] Luís Cruz-Filipe, Herman Geuvers, and Freek Wiedijk. C-CoRN: the constructive Coq repository at Nijmegen. In Andrea Asperti, Grzegorz Bancerek, and Andrzej Trybulec, editors, *MKM 2004*, volume 3119 of *Lecture Notes in Computer Science*, pages 88–103. Springer, September 2004.
- [40] Luís Cruz-Filipe, Herman Geuvers, and Freek Wiedijk. C-CoRN: the constructive Coq repository at Nijmegen. In *Dutch Proof Tools Day 2004 (Program + Proceedings)*, number NIII-R0429 in Technical Report, Nijmegen, June 2004. University of Nijmegen.
- [41] Luís Cruz-Filipe, Eva Graversen, Lovro Lugovic, Fabrizio Montesi, and Marco Peressotti. Functional choreographic programming. In Seidl et al. [94], pages 212–237.
- [42] Luís Cruz-Filipe, Eva Graversen, Lovro Lugovic, Fabrizio Montesi, and Marco Peressotti. Modular compilation for higher-order functional choreographies. In Karim Ali and Guido Salvaneschi, editors, ECOOP 2023, volume 263 of LIPIcs, pages 7:1–7:37. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, July 2023.
- [43] Luís Cruz-Filipe, Eva Graversen, Fabrizio Montesi, and Marco Peressotti. Reasoning about choreographic programs. In Sung-Shik Jongmans and

- Antónia Lopes, editors, *COORDINATION 2023*, volume 13908 of *Lecture Notes in Computer Science*, pages 144–162. Springer, June 2023.
- [44] Luís Cruz-Filipe, Rita Henriques, and Isabel Nunes. Description logics, rules and multi-context systems. In Kenneth L. McMillan, Aart Middeldorp, and Andrei Voronkov, editors, *LPAR-19*, volume 8312 of *Lecture Notes in Computer Science*, pages 243–257. Springer, December 2013.
- [45] Luís Cruz-Filipe, Rita Henriques, and Isabel Nunes. Viewing dl-programs as multi-context systems. Technical Report 2013;05, Faculdade de Ciências da Universidade de Lisboa, April 2013.
- [46] Luís Cruz-Filipe, Marijn Heule, Warren Hunt Jr., Matt Kaufmann, and Peter Schneider-Kamp. Efficient certified RAT verification. In Leonardo de Moura, editor, CADE 2017, volume 10395 of Lecture Notes in Artificial Intelligence, pages 220–236. Springer, August 2017.
- [47] Luís Cruz-Filipe, Sofia Kostopoulou, Fabrizio Montesi, and Jonas Vistrup. μxl: Explainable lead generation with microservices and hypothetical answers. In George A. Papadopoulos, Florian Rademacher, and Jacopo Soldani, editors, ESOCC 2023, volume 14183 of Lecture Notes in Computer Science, pages 3–18. Springer, October 2023.
- [48] Luís Cruz-Filipe, Sofia Kostopoulou, Fabrizio Montesi, and Jonas Vistrup.  $\mu$ xl: Explainable lead generation with microservices and hypothetical answers. *Computing*, 106(11):3419–3445, July 2024.
- [49] Luís Cruz-Filipe, Ivan Lanese, Francisco Martins, António Ravara, and Vasco T. Vasconcelos. Bisimulations in SSCC. Technical Report 07-37, Faculdade de Ciências da Universidade de Lisboa, December 2007.
- [50] Luís Cruz-Filipe, Ivan Lanese, Francisco Martins, António Ravara, and Vasco T. Vasconcelos. Behavioural theory at work: Program transformations in a service-centred calculus. In Gilles Barthe and Frank S. de Boer, editors, FMOODS 2008, volume 5051 of Lecture Notes in Computer Science, pages 59–77. Springer, May 2008.
- [51] Luís Cruz-Filipe, Ivan Lanese, Francisco Martins, António Ravara, and Vasco T. Vasconcelos. The stream-based service-centered calculus: a foundation for service-oriented programming. Formal Aspects of Computing, 26:865–918, September 2014.
- [52] Luís Cruz-Filipe, Kim S. Larsen, and Fabrizio Montesi. The paths to choreography extraction. In Javier Esparza and Andrzej S. Murawski, editors, FoSSaCS 2017, volume 10203 of Lecture Notes in Computer Science, pages 424–440. Springer, April 2017.
- [53] Luís Cruz-Filipe, Kim S. Larsen, and Peter Schneider-Kamp. Formally proving size optimality of sorting networks. *Journal of Automated Reason*ing, 59(4):425–454, December 2017.

- [54] Luís Cruz-Filipe, Kim S. Larsen, and Peter Schneider-Kamp. How to get more out of your oracles. In Mauricio Ayala-Rincon and Cesar Muñoz, editors, ITP 2017, volume 10499 of Lecture Notes in Computer Science, pages 164–170. Springer, September 2017.
- [55] Luís Cruz-Filipe and Pierre Letouzey. A large-scale experiment in executing extracted programs. *Electronic Notes in Computer Science*, 151(1):75–91, March 2006.
- [56] Luís Cruz-Filipe, Lovro Lugovic, and Fabrizio Montesi. Certified compilation of choreographies with hacc. In Marieke Huisman and António Ravara, editors, FORTE 2023, volume 13910 of Lecture Notes in Computer Science, pages 29–36. Springer, June 2023.
- [57] Luís Cruz-Filipe, Lovro Lugovic, Fabrizio Montesi, Marco Peressotti, and Robert R. Rasmussen. Choreographic programming in Coq. In Eduardo Hermo Reyes and Alicia Villanueva, editors, TYPES 2023, Abstracts, pages 73–76, 2023. Extended abstract.
- [58] Luís Cruz-Filipe, Anne Madsen, Fabrizio Montesi, and Marco Peressotti. Modular choreographies: Bridging alice and bob notation to java. In Gokila Dorai, Maurizio Gabbrielli, Giulio Manzonetto, Aomar Osmani, Marco Prandini, Gianluigi Zavattaro, and Olaf Zimmermann, editors, *Microservices 2022*, volume 111 of *OASIcs*, pages 3:1–3:18. Schloss Dagstuhl Leibniz-Zentrum für Informatik, December 2023.
- [59] Luís Cruz-Filipe, J. Marques-Silva, and Peter Schneider-Kamp. Formally verifying the solution to the pythagorean triples problem. *Journal of Automated Reasoning*, 63(3):695–722, October 2019.
- [60] Luís Cruz-Filipe, Joao Marques-Silva, and Peter Schneider-Kamp. The boolean pythagorean triples problem in coq. In Ambrus Kaposi, editor, TYPES 2017, Abstracts, pages 47–48, 2017. Extended abstract.
- [61] Luís Cruz-Filipe, Joao Marques-Silva, and Peter Schneider-Kamp. Efficient certified resolution proof checking. In Axel Legay and Tiziana Margaria, editors, TACAS 2017, volume 10205 of Lecture Notes in Computer Science, pages 118–135. Springer, April 2017.
- [62] Luís Cruz-Filipe and Fabrizio Montesi. Choreographies in practice. In Elvira Albert and Ivan Lanese, editors, FORTE 2016, volume 9688 of Lecture Notes in Computer Science, pages 114–123. Springer, June 2016.
- [63] Luís Cruz-Filipe and Fabrizio Montesi. Foundations of choreographies. In Simon Gay and António Ravara, editors, BETTY 2016 Proceedings, October 2016. Extended abstract.
- [64] Luís Cruz-Filipe and Fabrizio Montesi. A core model for choreographic programming. In Olga Kouchnarenko and Ramin Khosravi, editors, FACS

- 2016, volume 10231 of Lecture Notes in Computer Science, pages 17–35. Springer, April 2017.
- [65] Luís Cruz-Filipe and Fabrizio Montesi. Encoding asynchrony in choreographies. In D. Shin and M. Lencastre, editors, SAC 2017, pages 1175–1177. ACM, 2017.
- [66] Luís Cruz-Filipe and Fabrizio Montesi. On asynchrony and choreographies. In M. Bartoletti, L. Bocchi, L. Henrio, and S. Knight, editors, ICE 2017, volume 261 of Electronic Proceedings in Theoretical Computer Science, pages 76–90. Open Publishing Association, 2017.
- [67] Luís Cruz-Filipe and Fabrizio Montesi. Procedural choreographic programming. In Ahmed Bouajjani and Alexandra Silva, editors, FORTE 2017, volume 10321 of Lecture Notes in Computer Science, pages 92–107. Springer, June 2017.
- [68] Luís Cruz-Filipe and Fabrizio Montesi. That's enough: Asynchrony with standard choreography primitives. In Carlos Caleiro, Francisco Dionísio, Paula Gouveia, Paulo Mateus, and João Rasga, editors, *Logic and Computation: Essays in Honour of Amılcar Sernadas*, volume 33 of *Tributes*, pages 125–142. College Publications, 2017.
- [69] Luís Cruz-Filipe and Fabrizio Montesi. A core model for choreographic programming. *Theoretical Computer Science*, 802:38–66, January 2020.
- [70] Luís Cruz-Filipe and Fabrizio Montesi. Now it compiles! certified automatic repair of uncompilable protocols. In Adam Naumowicz and René Thiemann, editors, *ITP 2023*, volume 268 of *LIPIcs*, pages 11:1–11:19. Schloss Dagstuhl Leibniz-Zentrum für Informatik, July 2023.
- [71] Luís Cruz-Filipe, Fabrizio Montesi, and Marco Peressotti. Communications in choreographies, revisited. In Hisham M. Haddad, Roger L. Wainwright, and Richard Chbeir, editors, SAC 2018, pages 1248–1255. ACM, 2018.
- [72] Luís Cruz-Filipe, Fabrizio Montesi, and Marco Peressotti. Choreographies in Coq. In Marc Bezem, editor, TYPES 2019, Abstracts, 2019. Extended abstract.
- [73] Luís Cruz-Filipe, Fabrizio Montesi, and Marco Peressotti. Certifying choreography compilation. In Antonio Cerone and Peter Csaba Ölveczky, editors, ICTAC 2021, volume 12819 of Lecture Notes in Computer Science, pages 115–133. Springer, September 2021.
- [74] Luís Cruz-Filipe, Fabrizio Montesi, and Marco Peressotti. Formalising a Turing-complete choreographic language in Coq. In Liron Cohen and Cezary Kaliszyk, editors, *ITP 2021*, volume 193 of *Leibniz International Proceedings in Informatics (LIPIcs)*, pages 15:1–15:18. Schloss Dagstuhl Leibniz-Zentrum für Informatik, June 2021.

- [75] Luís Cruz-Filipe, Fabrizio Montesi, and Marco Peressotti. A formal theory of choreographic programming. *Journal of Automated Reasoning*, 67(2):21:1–21:34, May 2023.
- [76] Luís Cruz-Filipe, Fabrizio Montesi, and Robert R. Rasmussen. Keep me out of the loop: a more flexible choreographic projection. In Ruzica Piskac and Andrei Voronkov, editors, *LPAR 2023*, volume 94 of *EPiC Series in Computing*, pages 144–163. EasyChair, June 2023.
- [77] Luís Cruz-Filipe, Isabel Nunes, and Graça Gaspar. Patterns for programming in the semantic web. Technical Report 2012;06, Faculdade de Ciências da Universidade de Lisboa, October 2012.
- [78] Luís Cruz-Filipe, Isabel Nunes, and Graça Gaspar. Patterns for interfacing between logic programs and multiple ontologies. In Joaquim Filipe and Jan Dietz, editors, *KEOD 2013*, pages 58–69. SCITEPRESS, September 2013.
- [79] Luís Cruz-Filipe, Isabel Nunes, and Peter Schneider-Kamp. Integrity constraints for general-purpose knowledge bases. In Marc Gyssens and Guillermo Simari, editors, FoIKS 2016, volume 9616 of Lecture Notes in Computer Science, pages 235–254. Springer, March 2016.
- [80] Luís Cruz-Filipe, João Rasga, Amílcar Sernadas, and Cristina Sernadas. Complete axiomatization of discrete-measure almost-everywhere quantification. *Journal of Logic and Computation*, 18(6):885–911, April 2008.
- [81] Luís Cruz-Filipe and Peter Schneider-Kamp. A formalized checker for size-optimal sorting networks. In Tarmo Uustalu, editor, TYPES 2015, Abstracts, pages 42–43. Institute of Cybernetics at Tallinn University of Technology, April 2015. Extended abstract.
- [82] Luís Cruz-Filipe and Peter Schneider-Kamp. Formalizing size-optimal sorting networks: Extracting a certified proof checker. In Christian Urban and Xingyuan Zhang, editors, ITP 2015, volume 9236 of Lecture Notes in Computer Science, pages 154–169. Springer, August 2015.
- [83] Luís Cruz-Filipe and Peter Schneider-Kamp. Optimizing a certified proof checker for a large-scale computer-generated proof. In Manfred Kerber, Jacques Carette, Cezary Kaliszyk, Florian Rabe, and Volker Sorge, editors, CICM 2015, volume 9150 of Lecture Notes in Artificial Intelligence, pages 55–70. Springer, July 2015.
- [84] Luís Cruz-Filipe and Peter Schneider-Kamp. Formally proving the boolean triples conjecture. In Thomas Eiter and David Sands, editors, *Proceedings* of LPAR-21, volume 46 of EPiC Series in Computing, pages 509–522. Easy-Chair Publications, May 2017.
- [85] Luís Cruz-Filipe and Peter Schneider-Kamp. Minimizing sorting networks at the sub-comparator level. In Nikolaj S. Bjørner, Marijn Heule, and Andrei Voronkov, editors, LPAR 2024, volume 100 of EPiC Series in Computing, pages 36–50. EasyChair, June 2024.

- [86] Luís Cruz-Filipe, Amílcar Sernadas, and Cristina Sernadas. Heterogeneous fibring of deductive systems via abstract proof systems. *Logic Journal of the IGPL*, 16(2):121–153, April 2008.
- [87] Luís Cruz-Filipe and Cristina Sernadas. The essence of proofs when fibring sequent calculi. Technical report, Center for Logic and Computation, Lisbon, 2005.
- [88] Luís Cruz-Filipe and Bas Spitters. Program extraction from large proof developments. In David A. Basin and Burkhart Wolff, editors, *TPHOLs* 2003, volume 2758 of *Lecture Notes in Computer Science*, pages 205–220. Springer, September 2003.
- [89] Luís Cruz-Filipe and Freek Wiedijk. Equational reasoning in algebraic structures: a complete tactic. Technical Report NIII-R0431, NIII, Nijmegen, July 2004.
- [90] Luís Cruz-Filipe and Freek Wiedijk. Hierarchical reflection. In Konrad Slind, Annette Bunker, and Ganesh Gopalakrishnan, editors, TPHOLs 2004, volume 3223 of Lecture Notes in Computer Science, pages 66–81. Springer, September 2004.
- [91] J. Davenport, B. Poonen, J. Maynard, H. Helfgott, P.H. Tiep, and L. Cruz-Filipe. Machine-assisted proofs. In B. Sirakov, P. Ney de Souza, and M. Viana, editors, ICM 2018, volume 1, pages 1085–1110. World Scientific, May 2019.
- [92] Bjørn Angel Kjær, Luís Cruz-Filipe, and Fabrizio Montesi. From infinity to choreographies: Extraction for unbounded systems. In Alicia Villanueva, editor, LOPSTR 2022, volume 13474 of Lecture Notes in Computer Science, pages 103–120. Springer, August 2022.
- [93] Adrian Rebola-Pardo and Luís Cruz-Filipe. Complete and efficient DRAT proof checking. In Nikolaj Bjørner and Arie Gurfinkel, editors, FMCAD 2018, pages 1–9. IEEE, 2018.
- [94] Helmut Seidl, Zhiming Liu, and Corina S. Pasareanu, editors. Theoretical Aspects of Computing ICTAC 2022 19th International Colloquium, Tbilisi, Georgia, September 27-29, 2022, Proceedings, volume 13572 of Lecture Notes in Computer Science. Springer, September 2022.