Publications

1. 'Eliminating disjunctions by disjunction elimination' (with D. Rinaldi and P. Schuster). *Bull. Symb. Logic*, 23(2):181–200, 2017. Advance communication of [2]. DOI: 10.1017/bsl.2017.13. MR 3664722.
2. 'Eliminating disjunctions by disjunction elimination' (with D. Rinaldi and P. Schuster). *Indag. Math. (N.S.)*, 29(1):226–259, 2018. DOI: 10.1016/j.indag.2017.09.011. MR 3739616.
3. 'Extension by conservation. Sikorski's theorem' (with D. Rinaldi). *Log. Methods Comput. Sci.*, 14(4:8):1–17, 2018. DOI: 10.23638/LMCS-14(4:8)2018. MR 3876710.
4. 'Suzumura consistency, an alternative approach' (with P. Schuster). *J. Appl. Logics – IfCoLog*, 5(1):263–286, 2018. MR 3890116.
5. 'A general extension theorem for directed-complete partial orders' (with P. Schuster). *Rep. Math. Logic*, 53:79–96, 2018. DOI: 10.4467/20842589RM.18.005.8838. MR 3871805.
6. 'Cut elimination for entailment relations' (with D. Rinaldi). *Arch. Math. Logic*, 58(5–6):605–625, 2019. DOI: 10.1007/s00153-018-0653-0. MR 3976664.
7. 'Der Satz von Hahn–Banach per Disjunktionselimination' (with K. Schlagbauer and P. Schuster). *Confluentes Math.*, 11(1):79–93, 2019. DOI: 10.5802/cml.57. MR 4002395.
8. 'Some forms of excluded middle for linear orders' (with P. Schuster). *Math. Log. Quart.*, 65(1):105–107, 2019. DOI: 10.1002/malq.201800038. MR 3957390.
9. 'Ordering groups constructively'. *Comm. Algebra*, 47(12):4853–4873, 2019. DOI: 10.1080/00927872.2018.1477947. MR 4019311.
10. 'Point-free spectra of linear spreads'. In S. Centrone, S. Negri, D. Sarikaya, and P. Schuster, editors, *Mathesis Universalis, Computability and Proof*, Synthese Library, pages 353–374. Springer, Cham, 2019. DOI: 10.1007/978-3-030-20447-1_19. MR 4352404
11. 'Ribenboim's order extension theorem from a constructive point of view' (with R. Bonacina). *Algebra Universalis*, 81(5), 2020. DOI: 10.1007/s00012-019-0634-0. MR4046040.
12. 'The computational significance of Hausdorff's Maximal Chain Principle' (with P. Schuster). In Marcella Anselmo, Gianluca Della Vedova, Florin Manea, and Arno Pauly, editors, *Beyond the Horizon of Computability. 16th Conference on Computability in Europe*, volume 12098 of *Lect. Notes Comput. Sci.*, pages 239–250. Springer, Cham, 2020. DOI: 10.1007/978-3-030-51466-2_21. MR 4139540.
13. 'Resolving finite indeterminacy: A definitive constructive universal prime ideal theorem' (with P. Schuster). In *Proceedings of the 35th Annual ACM/IEEE Symposium on Logic in Computer Science*, LICS '20, pages 820–830, New York, NY, USA, 2020. Association for Computing Machinery. DOI: 10.1145/3373718.3394777. MR 4171549.
14. 'Syntax for Semantics: Krull's Maximal Ideal Theorem' (with P. Schuster). In Gerhard Heinzmann and Gereon Wolters, editors, *Paul Lorenzen: Mathematician and Logician*, volume 51 of *Logic, Epistemology, and the Unity of Science*, pages 77–102. Springer, Cham, 2021. DOI: 10.1007/978-3-030-65824-3_6. MR 4331319.
15. 'Dynamic evaluation of integrity and the computational content of Krull's lemma' (with P. Schuster and I. Yengui). *J. Pure Appl. Algebra*, 226(1), 2022. Paper 106794, available online 17 May 2021. DOI: 10.1016/j.jpaa.2021.106794. MR 4262076.
16. 'A note on connected reduced rings'. *J. Comm. Algebra* 13(4):583–588, 2021. DOI: 10.1216/jca.2021.13.583. MR 4366839.
17. 'The Jacobson radical for an inconsistency predicate' (with P. Schuster). *Computability*, 11(2):147–162, 2022. DOI: 10.3233/COM-210365. MR 4425523.
18. 'The Jacobson radical of a propositional theory' (with G. Fellin and P. Schuster). *Bull. Symb. Logic* 28(2):163–181, 2022. DOI: 10.1017/bsl.2021.66. MR 4444984.
19. 'Algebras of complemented subsets' (with I. Petrakis). In Ulrich Berger, Johanna N. Y. Franklin, Florin Manea and Arno Pauly, editors, *Computability in Europe: Revolutions and Revelations in Computability. 18th Conference on Computability in Europe*, volume 13359 of *Lect. Notes Comput. Sci.*, pages 246–258, Springer, Cham, 2022. DOI: 10.1007/978-3-031-08740-0_21.
20. 'Towards formal Baer criteria' (with D. Rinaldi). *Confluentes Math.* 14(1):49–63, 2022. DOI: 10.5802/cml.82.
21. 'A formal approach to Menger's theorem' (with R. Bonacina). *Rep. Math. Logic*, 57:45–51, 2022 (in press). DOI: 10.4467/20842589RM.22.003.16660.