



ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER ATTACHMENT

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NEW RESEARCH ARTICLES IN LOGIC

- **Links to our Journal Articles.** This attachment to the ASL Newsletter lists articles that have appeared online in our three journals since April 2025 and will be published in upcoming issues. The links given will take you to the webpage of each article listed, within the website of Cambridge University Press. Current ASL members should receive free access to these articles, as part of the journal subscriptions that are included with membership. Look for “Access options” on the article’s webpage, and log in with your personal Cambridge Core account, which is the same account you use to create or renew your ASL membership. (ASL members do *not* use an institutional login.) Some assistance is available at <https://www.cambridge.org/core/help/faqs>.

Articles that were already in press before April 2025 are also available at the journal websites, or see <https://aslonline.org/other-information/617-2/> for earlier editions of this attachment.

The Journal of Symbolic Logic

- Equivalentents of NOTOP by Michael Laskowski and Danielle Ulrich.
- Algorithmically finite, universal, and *-universal groups by Uri Andrews and Meng-Che Ho.
- A note on subjective cardinals by Jiaheng Jin and Guozhen Shen.
- Cardinal invariants related to density by David Valderrama.
- Distal expansions of Presburger arithmetic by a sparse predicate by Mervyn Tong.
- On ideals related to Laver and Miller trees by Aleksander Cieřlak and Arturo Martínez-Celis.
- Blok-Esakia theorems via stable canonical rules by Nick Bezhanishvili and Antonio Maria Cleani.
- Definable Skolem functions in weakly o-minimal non-valuational expansions of ordered groups by Somayyeh Tari and Mohsen Khani.
- Generic stability and modes of convergence by Karim Khanaki.
- Quasi-invariant measures concentrating on countable structures by Clinton Conley, Colin Jahel, and Aristotelis Panagiotopoulos.
- The weak extension principle by Alessandro Vignati and Deniz Yilmaz.
- Mixed identities for oligomorphic automorphism groups by Manuel Bodirsky, Jakob Schneider, and Andreas Thom.
- Between proof construction and SAT-solving by Konrad Zdanowski, Aleksy Schubert, and Pawel Urzyczyn.
- Reverse mathematics of a uniform Kruskal-Friedman theorem by Anton Freund.
- Uniformity numbers of the null-additive and meager-additive ideals by Miguel Cardona-Montoya, Diego Alejandro Mejía, and Ismael Rivera-Madrid.
- Ramsey-like theorems for the Schreier barrier by Lorenzo Carlucci, Oriola Gjetaj, Quentin Le Houérou, and Ludovic Levy Patey.

- A walk on the wild side: notions of maximality in first-order theories by Michele Bailetti.
- Relative leftmost path principles and omega-model reflections of transfinite inductions by Yudai Suzuki.
- DP and other minimalities by Pierre Simon and Erik Walsberg.
- Model theory of differential-Henselian pre-H-fields by Nigel Pynn-Coates.
- On the categoricity of complete second-order theories by Tapio Saarinen, Jouko Antero Väänänen and William Hugh Woodin.
- Partially-elementary end extensions of countable models of set theory by Zachiri McKenzie.
- On winning strategies for F_σ games by Juan P. Aguilera and Robert Lubarsky.
- Lyndon interpolation property for extensions of **S4** and intermediate propositional logics by Taishi Kurahashi.
- Measurable domatic partitions by Edward Hou.
- Truth and collection by Bartosz Wcisło.
- Lattice embeddings and punctual linear orders by Marina Dorzhieva and Ellen Hammatt.
- Separating subversion forcing axioms by Corey Switzer and Hiroshi Sakai.
- A two-sorted theory of nilpotent lie algebras by Christian D’Elbée, Isabel Müller, Nicholas Ramsey, and Daoud Siniora.
- Quantum expanders and quantifier reduction for tracial von Neumann algebras by Ilijas Farah, David Jekel, and Jennifer Pi.
- On products of ultrafilters by Gabriel Goldberg.
- Duality for clans: an extension of Gabriel-Ulmer duality by Jonas Frey.
- Computable type of certain quotient spaces by Matea Čelar and Zvonko Iljazović.
- PFA and the definability of the nonstationary ideal by Stefan Hoffelner, Paul Larson, Ralf Schindler, and Liuzhen Wu.
- Coloring equilateral triangles by Jindřich Zapletal.
- High dimensional countable compactness and ultrafilters by César Corral, Pourya Memarpanahi, and Paul Jan Szeptycki.
- Enriched concepts of regular logic by Jiří Rosický and Giacomo Tendas.

The Review of Symbolic Logic

- Revisionism revisited by Hartry Field.
- When bi-interpretability implies synonymy by Harvey M. Friedman and Albert Visser.
- Explaining with reasons: from Aristotle to machine learning classifiers by Francesca Poggioli and Brian Hill.
- Conditional expressivity and collective deontic admissibility by Frederik Van De Putte, Hein Duijf, and Allard Tamminga.
- Logics of logics by Michael Bevan.
- Set-theoretic bicontextualism by Simon Schmitt.
- Models for official entailment by Tore Fjetland Øgaard.
- Proof mining and the convex feasibility problem: the curious case of Dykstra’s algorithm by Pedro Pinto.
- Abstraction principles and the size of reality by Bokai Yao.

- Modular sequent calculi for interpretability logics by Cosimo Perini Brogi, Sara Negri, and Nicola Olivetti.
- RNmatrices for modal logics by Marcelo E. Coniglio, Pawel Pawlowski, and Daniel Skurt.
- Topics, non-uniform substitutions, and variable sharing by Shawn Standefer, Shay Logan, and Thomas Ferguson.
- Failure of Beth's theorem in relevance logics by Alasdair Urquhart.

The Bulletin of Symbolic Logic

- Equivalence & disagreement in set theory by Toby Meadows.
- Team semantics and independence notions in quantum physics by Samson Abramsky, Joni Puljujärvi, and Jouko Väänänen.
- Carnap's (categoricity) problem by Sebastian G.W. Speitel.
- Étale structures and the Joyal-Tierney representation theorem in countable model theory by Ruiyuan Chen.
- On representations of irrational numbers and the computational complexity of converting between such representations by Amir Ben-Amram, Lars Kristiansen, and Jakob Grue Simonsen.
- Corona rigidity by Ilijas Farah, Saeed Ghasemi, Andrea Vaccaro, and Alessandro Vignati.
- On the proof-theoretic structure of counterfactual inference by Bartosz Więckowski.