



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 November 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 November 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

- Invariant ideal axiom and definable topology by Michael Hrušák and Alexander Shibakov.
- Borel complexity of sets of ideal limit points by Rafał Filipów, Adam Kwela, and Paolo Leonetti.
- A mixed logic with binary operators by Ivo Düntsch, Rafał Gruszczyński, and Paula Menchón.
- Existence in \mathbf{NSOP}_1 theories – erratum by Byunghan Kim, Joonhee Kim, and Hyoyoon Lee.
- Algebraizable weak logics by Georgi Nakov and Davide Emilio Quadrellaro.
- Unreachability of inductive-like pointclasses in $L(\mathbb{R})$ by Derek Levinson, Itay Neeman, and Grigor Sargsyan.
- On the effectiveness of partition regularity over algebraic structures by Gabriela Laboska.
- On equivalence relations induced by Polish groups by Longyun Ding and Yang Zheng.
- Maximal δ -separated sets in separable metric spaces and weak forms of choice by Michał Dybowski, Przemysław Górka, and Paul Howard.
- A new decision method for intuitionistic logic by 3-valued non-deterministic truth-tables by Renato R. Leme, Marcelo E. Coniglio, and Bruno Lopes.
- On stable Kim-forking and rosy theories by Alberto Miguel-Gómez.
- Goldstern’s principle about unions of null sets by Tatsuya Goto.
- Pseudofiniteness and measurability of the everywhere infinite forest by Darío García and Melissa Robles.
- A relation on $(\omega, <)$ of intermediate degree spectrum on a cone by Jad Damaj and Matthew Harrison-Trainor.
- Nonvanishing higher derived limits without $w \diamond_{\omega_1}$ by Nathaniel Bannister.
- Continuity of measurable cocycles by Christian Rosendal.

- Existentially closed models of fields with a distinguished submodule by Christian d’Elbée, Itay Kaplan, and Leor Neuhauser.
- Decomposition of Gödel numberings into minimal numberings by Marat Faizrahmanov.
- Generalized Baire class functions by Luca Motto Ros and Beatrice Pitton.
- Non-diophantine sets in rings of functions by Natalia Garcia-Fritz, Hector Pasten, and Thanases Pheidas.

The Review of Symbolic Logic

- Contradictions without negation and a proof-theoretic, bilateralist account of connexive logics by Sara Ayhan.
- The algebra of logical atomism by Peter Fritz and Andrew Bacon.
- Higher-order essences: logic and semantics by Andreas Ditter.
- The algebras of Lewis’s counterfactuals: duality theory by Giuliano Rosella and Sara Ugolini.
- To make it whole: parts, fusions, and locations by Claudio Calosi.
- A variant of the Lindenbaum Lemma for infinitary closure systems by Petr Cintula.

The Bulletin of Symbolic Logic

- On the hierarchy of natural theories by James Walsh.
- Conditional reasoning and the shadows it casts onto the first-order logic: the Nelsonian case by Grigory Olkhovikov.
- Proof mining and high-level proof theoretic reasoning: a case study on greedy approximation schemes by Thomas Powell.
- A short note on the significance of the Penrose-halting theorem by Nick Huggett.
- Approaching a Bristol model by Asaf Karagila.