



ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER ATTACHMENT

September 2026

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 2026 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 2026 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

- Multiple gaps and some finitizations of club and CH by Jorge Antonio Cruz-Chapital.
- The Robinson splitting theorem and Σ_1 induction by Yong Liu, Cheng Peng, and Mengzhou Sun.
- Kuroda’s translation for higher-order logic by Thomas Traversié.
- Structures with not too fast unlabelled growth by Bertalan Bodor.
- The model theory of metric lattices: pseudofinite partition lattices by Jose Contreras-Mantilla and Thomas Sinclair.
- Adding $\aleph_\omega$ -many Cohen reals by Pedro Marun, Saharon Shelah, and Corey Bacal Switzer.
- The filter of interpretability types of Hobby-McKenzie varieties is prime by Bertalan Bodor, Gergő Gyenizse, Miklós Maróti, and László Zádori.
- On trees without hyperimmune branches by Keng Meng Ng, Frank Stephan, Yue Yang, and Liang Yu.
- A j-translation with Kripke forcing relation by Satoshi Nakata.
- The π -property of a Banach space along a filter by Tomasz Kania and Jarosław Swaczyna.
- Failure of Esakia’s theorem in the monadic setting by Guram Bezhanishvili and Luca Carai.
- Logical Berkovich geometry: a point-free perspective by Ming Ng.
- A topological classification of classes of enumeration degrees by Josiah Jacobsen-Grocott.
- Variants of Baumgartner’s axiom for Lipschitz functions on Baire and Cantor space by Corey Switzer.
- There may be an n -entangled set but no $n + 1$ -entangled sets by Jorge Antonio Cruz-Chapital.
- Computable presentations of randomizations by Nicolas Cuervo Ovalle and Isaac Goldbring.
- Effective powers of ω over Δ_2 cohesive sets and infinite Π_1 sets without Δ_2 cohesive subsets by Paul Shafer.
- When is $A + xA = \mathbb{R}$ by Jinhe Ye, Liang Yu and Xuanheng Zhao.

- Non-meager P-filters, Miller-measurability, and a question of Hrušák by Andrea Medini.
- Notions of rank and independence in countably categorical theories by Vera Koponen.
- The reverse mathematics and uniform relationships between theorems on colouring of planar graphs by Heer Tern Koh and Keng Meng Ng.
- Characterising SJT reducibility by Noam Greenberg, André Nies, and Daniel Turetsky.
- Generic derivations on algebraically bounded structures II: model theoretical properties by Antongiulio Fornasiero and Giuseppina Terzo.
- Primitive recursive categoricity spectra of functional structures by Nikolay Bazhenov, Heer Tern Koh, and Keng Meng Ng.
- The reverse mathematics of bounded Ramsey's theorem for pairs by Quentin Le Houérou and Ludovic Patey.
- Cut elimination for a non-wellfounded system for the master modality by Borja Sierra Miranda and Thomas Studer.
- Computably totally disconnected locally compact groups by Alexander Melnikov and Andre Nies.
- Comparing variants of Ramsey's theorem using uniform reducibilities by Jun Le Goh, Ellen Hammatt, Heer Tern Koh, and Keng Meng Ng.
- Escaping Tennenbaum's theorem and a strong jump inversion theorem by Duarte Maia.
- Reverse mathematics of regular countable second countable spaces by Giorgio Genovesi.
- Supercompact measures and the Galvin property by Tom Benhamou and Ben-Zion Weltsch.
- Saccharinity with ccc by Haim Horowitz and Saharon Shelah.
- Chains and antichains in the Weihrauch lattice by Steffen Lempp, Alberto Marcone, and Manlio Valenti.
- Reverse mathematics and dimension of posets by Alberto Marcone and Andrea Volpi.
- Σ_1 -stationary logic as an $\aleph_1$ -abstract elementary class by Will Boney.
- Antichain of ordinals in intuitionistic set theory by Shuwei Wang.
- Generalized ordinal analysis and reflection principles in set theory by Hanul Jeon and James Walsh.
- Some questions on entangled linear orders by Raphaël Carroy, Maxwell Levine, and Lorenzo Notaro.
- An approximate AKE principle for metric valued fields by Martin Hils and Stefan Marian Ludwig.
- A complete bounded theory with unbounded types by Hongyu Zhu.
- Borel Wadge classes and Selivanov's fine hierarchy I: extending to the hyperarithmetic by Noam Greenberg, Renrui Qi, and Daniel Turetsky.
- Complete orbit equivalence relations and non-universal Polish groups by Longyun Ding, Ruiwen Li, and Bo Peng.
- The failure of Selman's theorem for hyperenumeration reducibility by Josiah Jacobsen-Grocott.
- Locally tabular products of modal logics by Ilya Shapirovsky and Vladislav Sliusarev.
- Thomason duality for instantial neighbourhood frames by Jim De Groot.

The Review of Symbolic Logic

- On self-obedient logics by Bas Kortenbach.
- When do Birkhoff objects separate? by Francisco Marmolejo and Matías Menni.
- The cardinalities of intervals of equational theories and logics by Juan P. Aguilera, Nick Bezhanishvili, and Tenyo Takahashi.

- Dynamics of counterfactual supposition I: the qualitative case by Francesco Berto and Soroush Rafiee Rad.
- The iteration of the mathematical process by Michele Contente.
- The category of propositional deductive systems by Ciro Russo.
- Reconsidering Gödel's doctrine: independence results by Patrick J. Ryan.
- The collapse of higher-order inference rules by Curtis Franks.
- Dynamic hypersequents for public announcement logic by Clara Lerouville and Francesca Poggiolesi.
- The generalized quantifiers of natural language are predicatively definable by Sean Walsh.
- Definable coordinate geometries over fields by Judit Madarász, Mike Stannett, and Gergely Székely.
- Kripke's fixed points and Leitgeb's semantic dependence by Ming Hsiung.
- Normalisation for positive free logics without and with definite descriptions by Nils Kürbis.
- The modal logic of exact equivalence by Pietro Berardi Gili.
- Revision theory without ω -inconsistency by John Schindler.

The Bulletin of Symbolic Logic

- Ramsey theory and bounding in arithmetic by Peter Cholak.
- Classification complexity of chaotic systems by Benjamin Vejnar.