



ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER ATTACHMENT

April 2024

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 January 2024 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 January 2024 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

- Wand/set theories: A realization of Conway’s mathematicians’ liberation movement, with an application to Church’s set theory with a universal set by Tim Button.
- Extensions and limits of the Specker-Blatter Theorem by Eldar Fischer and Johann A. Makowsky.
- On the fragility of interpolation by Andrzej Tarlecki.
- Three surprising instances of dividing by Gabriel Conant and Alex Kruckman.
- A Lopez-Escobar theorem for continuous domains by Nikolay Bazhenov, Ekaterina Fokina, Dino Rossegger, Alexandra Soskova, and Stefan Vatev.
- Two-cardinal derived topologies, indescribability and Ramseyess by Brent Cody, Chris Lambie-Hanson, and Jing Zhang.
- A new perspective on semi-retractions and the Ramsey property by Dana Bartošová and Lynn Scow.
- Cofinal types of ultrafilters over measurable cardinals by Tom Benhamou and Natasha Dobrinen.
- On rank not only in NSOP₁ theories by Jan Dobrowolski and Daniel Max Hoffmann.
- The pentagon as a substructure lattice of models of Peano arithmetic by James H. Schmerl.
- PAC structures as invariants of finite group actions - erratum by Daniel Max Hoffmann and Piotr Kowalski.
- Duality for coalgebras for Vietoris and monadicity by Marco Abbadini and Ivan Di Liberti.
- A unified approach to Hindman, Ramsey, and Van der Waerdan spaces by Rafał Filipów, Krzysztof Kowitz, and Adam Kwela.
- A hierarchy on non-Archimedean Polish groups admitting a compatible complete left-invariant metric by Longyun Ding and Xu Wang.

The Review of Symbolic Logic

- On quantification and extensionality by Kai F. Wehmeier.
- Arrow's theorem, ultrafilters, and reverse mathematics by Benedict Eastaugh.
- Conceptual distance and algebras of concepts by Mohamed Khaled and Gergely Székely.

The Bulletin of Symbolic Logic

- Very large set axioms over constructive set theories by Hanul Jeon and Richard Matthews.
- The universal theory of the hyperfinite II_1 factor is not computable by Isaac Goldbring and Bradd Hart.