



ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER ATTACHMENT

September 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 April 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 April 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

- Artin-Schreier extensions and combinatorial complexity in henselian valued fields by Blaise Boissonneau.
- Limit complexities, minimal descriptions, and n -randomness by Rodney Graham Downey, Lu Liu, Keng Meng Ng, and Daniel Turetsky.
- Diamond on ladder systems and countably metacompact topological spaces by Rodrigo Carvalho, Tanmay Inamdar, and Assaf Rinot.
- Invariant Keisler measures for ω -categorical structures by Paolo Marimon.
- Δ_1^1 effectivization in Borel combinatorics by Riley Thornton.
- On automorphisms of $\mathcal{P}(\lambda)/[\lambda]^{<\lambda}$ by Jakob Kellner, Saharon Shelah, and Anda Ramona Tănăsie.
- Counting in uncountably categorical pseudofinite structures by Alexander Van Abel.
- A Π_2^0 singleton of minimal arithmetic degree by Peter M. Gerdes.
- Does DC imply AC_ω , uniformly? by Alessandro Andretta and Lorenzo Notaro.
- Building models in small cardinals in local abstract elementary classes by Marcos Mazari-Armida and Wentao Yang.
- One-dimensional subgroups and connected components in non-Abelian p -adic definable groups by William Johnson and Ningyuan Yao.
- Generic expansions of geometric theories by Somaye Jalili, Massoud Pourmahdian, and Nazanin Roshandel Tavana.
- The amalgamation property and Urysohn structures in continuous logic by Su Gao and Xuanzhi Ren.
- Cantor’s theorem may fail for finitary partitions by Guozhen Shen.
- Nondefinability results for elliptic and modular functions by Raymond McCulloch.

The Review of Symbolic Logic

- Normalisation for negative free logics without and with definite descriptions by Nils Kürbis.
- Finitary upper logicism by Bruno Jacinto.
- Strong completeness of a first-order temporal logic for real time by Robert Goldblatt.
- Meta-classical non-classical logics by Eduardo Barrio, Camillo Fiore, and Federico Pailos.
- When no price is right by Mark J. Schervish, Teddy Seidenfeld, Joseph B. Kadane, Ruobin Gong, and Rafael B. Stern.
- On the structure of Bochvar algebras by Stefano Bonzio and Michele Pra Baldi.
- The temporal continuum by Mohammad Ardehshir and Rasoul Ramezani.

The Bulletin of Symbolic Logic

- Pour-El's landscape by Taishi Kurahashi and Albert Visser.
- Iterated priority arguments in descriptive set theory by Adam Day, Noam Greenberg, Matthew Alexander Harrison-Trainor, and Daniel D. Turetsky.
- One-variable fragments of first-order logics by Petr Cintula, George Metcalfe, and Naomi Tokuda.