



ASSOCIATION FOR SYMBOLIC LOGIC

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ASL NEWSLETTER ATTACHMENT

November 2021

NEW RESEARCH ARTICLES IN LOGIC

- **Links to our Journal Articles.** In light of the pandemic-related delays in the mailing of journals, this attachment to the ASL Newsletter lists articles that have appeared online in our three journals since September 1 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 September 2021 are also available at the journal websites.

Journal of Symbolic Logic

- Almost Disjoint and MAD Families in Vector Spaces and Choice Principles by ELEFTHERIOS TACHTSIS.
- Copying one of a pair of structures by Rachael Alvir, Hannah Burchfield, and Julia F. Knight.
- FIRST-ORDER AXIOMATISATIONS OF REPRESENTABLE RELATION ALGEBRAS NEED FORMULAS OF UNBOUNDED QUANTIFIER DEPTH by ROB EGROT and ROBIN HIRSCH.
- HIGHER MILLER FORCING MAY COLLAPSE CARDINALS by HEIKE MILDENBERGER and SAHARON SHELAH.
- STRUCTURAL CONSIDERATIONS OF RAMSEY ALGEBRAS by ZU YAO TEOH.
- Finite Relation Algebras by JAMES MATHEW KOUSSAS.
- DEGREE SPECTRA OF ANALYTIC COMPLETE EQUIVALENCE RELATIONS by DINO ROSSEGER.
- LOCALLY O-MINIMAL STRUCTURES WITH TAME TOPOLOGICAL PROPERTIES by MASATO FUJITA.
- MODAL OPERATORS ON RINGS OF CONTINUOUS FUNCTIONS by GURAM BEZHANISHVILI, LUCA CARAI, and PATRICK J. MORANDI.
- WAYS OF DESTRUCTION by BARNABÁS FARKAS and LYUBOMYR ZDOMSKYY.
- A CHARACTERIZATION OF THE STRONGLY η -REPRESENTABLE MANY-ONE DEGREES by JOSIAH JACOBSEN-GROCOTT.
- DESCRIPTIVE COMPLEXITY IN CANTOR SERIES by DYLAN AIREY, STEVE JACKSON, and BILL MANCE.
- Information in propositional proofs and algorithmic proof search by Jan Krajíček.
- MEAGER-ADDITIVE SETS IN TOPOLOGICAL GROUPS by ONDŘEJ ZINDULKA.

- Most(?) theories have Borel complete reducts by Michael C. Laskowski and Douglas S. Ulrich.
- $G_{\delta\sigma}$ GAMES AND INDUCTION ON REALS by J.P. AGUILERA and P.D. WELCH.
- ON EQUATIONAL COMPLETENESS THEOREMS by T. MORASCHINI.
- ON SEQUENCES OF HOMOMORPHISMS INTO MEASURE ALGEBRAS AND THE EFIMOV PROBLEM by PIOTR BORODULIN-NADZIEJA and DAMIAN SOBOTA.
- RECONSTRUCTION OF NON- \aleph_0 -CATEGORICAL THEORIES by ITAĚ BEN YAACOV.
- SOME STABLE NON-ELEMENTARY CLASSES OF MODULES by MARCOS MAZARI-ARMIDA.
- YET ANOTHER IDEAL VERSION OF THE BOUNDING NUMBER by RAFAŁ FILIPÓW and ADAM KWELA.
- CLASSIFYING SPACES AND THE LASCAR GROUP by TIM CAMPION, GREG COUSINS, and JINHE YE.
- MORE ON THE PRESERVATION OF LARGE CARDINALS UNDER CLASS FORCING by JOAN BAGARIA and ALEJANDRO POVEDA.
- ON SUPERSETS OF NON-LOW₂ SETS by KLAUS AMBOS-SPIES, ROD G. DOWNEY, and MARTIN MONATH.

The Review of Symbolic Logic

- Grzegorzczuk Points and Filters in Boolean Contact Algebras by Rafał Gruszczyński and Andrzej Pietruszczak.
- Against Cumulative Type Theory by Tim Button and Robert Trueman.
- SELF-REFERENCE UPFRONT: A STUDY OF SELF-REFERENTIAL GÖDEL NUMBERINGS by BALTHASAR GRABMAYR and ALBERT VISSER.

The Bulletin of Symbolic Logic

Ackermann's Function in Iterative Form: A Proof Assistant Experiment by Lawrence C. Paulson.

- DEGREES OF RANDOMIZED COMPUTABILITY by RUPERT HÖLZL and CHRISTOPHER P. PORTER.