ASL

ASSOCIATION FOR SYMBOLIC LOGIC

ASL NEWSLETTER ATTACHMENT   January 2022

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 November 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 November 2021 are also available at the journal websites.

Journal of Symbolic Logic

- Applications of PCF Theory to the Study of Ideals on $P_\kappa(\lambda)$ by Pierre Matet.

- Epsilon Theorems in Intermediate Logics by Matthias Baaz and Richard Zach.

- Counting Siblings in Universal Theories by Samuel Braunfeld and Michael C. Laskowski.

- Complexity of Index Sets of Descriptive Set-Theoretic Notions by Reese Johnston and Dilip Raghavan.

- Model Completions for Universal Classes of Algebras: Necessary and Sufficient Conditions by George Metcalfe and Luca Reggio.

- The Discontinuity Problem by Vasco Brattka.

- A Minimal Set Low for Speed by Rod Downey and Matthew Harrison-Trainor.

- Interpreting a field in its Heisenberg group by R. Alvir, W. Calvert, G. Goodman, V. Harizanov, J. Knight, A. Morozov, R. Miller, A. Soskova, and R. Weisshaar.

- Monadic Intuitionistic and Modal Logics Admitting Provability Interpretations by Guram Bezhanishvili, Kristina Brantley, and Julia Ilin.

- Non-Classical Foundations of Set Theory by Sourav Tarafder.

- The Reverse Mathematics of the Thin Set and Erdös-Moser Theorems by Lu Liu and Ludovic Patey.

- Density-Like and Generalized Density Ideals by Adam Kwela and Paolo Leonetti.

- Notes on the DPRM Property for Listable Structures by Hector Pasten.

- Indestructibility when the First Two Measurable Cardinals are Strongly Compact by Arthur W. Apter.

- New relations and separations of conjectures about incompleteness in the finite domain by Erfan Khaniki.

- On non-compact p-adic definable groups by Will Johnson and Ningyuan Yao.

- HTP-Complete Rings of Rational Numbers by Russell Miller.
- Model Theory of Derivations of the Frobenius Map Revisited by Jakub Gogolok.

The Review of Symbolic Logic

- Ramsification and Semantic Indeterminacy by Hannes Leitgeb.
- The Genealogy of $\vee$ by Landon D.C. Elkind and Richard Zach.
- Modes of Convergence to the Truth: Steps Toward a Better Epistemology of Induction by Hanti Lin.
- STIT-logic for imagination episodes with voluntary input by Christopher Badura and Heinrich Wansing.
- Szemerédi's Theorem: An Exploration of Impurity, Explanation, and Content by Patrick J. Ryan.
- An Algebraic Approach to Inquisitive and DNA-Logics by Nick Bezhanishvili, Gianluca Grilletti, and Davide Emilio Quadrellaro.
- Gödel's Theorem and Direct Self-Reference by Saul A. Kripke.
- Leibniz on Bodies and Infinities: Rerum Natura and Mathematical Fictions by Mikhail G. Katz, Karl Kuhlemann, David Sherry, and Monica Ugaglia.
- Conciliatory Reasoning, Self-Defeat, and Abstract Argumentation by Aleks Knoks.
- Temporal Interpretation of Monadic Intuitionistic Quantifiers by Guram Bezhanishvili and Luca Carai.
- Predicativism as a Form of Potentialism by Øystein Linnebo and Stewart Shapiro.

The Bulletin of Symbolic Logic

- Notes on the Stable Regularity Lemma by Maryanthe Malliaris and Saharon Shelah.
- Invariance Criteria as Meta-Constraints by Gil Sagi.
- The Jacobson Radical of a Propositional Theory by Giulio Fellin, Peter Schuster, and Daniel Wessel.
- Variants of Kreisel's Conjecture on a New Notion of Provability by Paulo Guilherme Santos and Reinhard Kahle.
- An Introduction to the Scott Complexity of Countable Structures and a Survey of Recent Results by Matthew Harrison-Trainor.
- Sense and Reference from a Constructivist Standpoint by Michael Dummett.