ASL NEWSLETTER ATTACHMENT   September 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 June 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 have been in press since May 2021 or earlier are also available at the journal websites.

Journal of Symbolic Logic

- Fraïssé limits for relational metric structures by David Bryant, André Nies, and Paul Tupper
- On k-homogenous, but not k-transitive permutation groups by Saharon Shelah and Lajos Soukup
- The Rudin-Keisler ordering of P-points under $b = c$ by Andrzej Starosolski
- Surreal ordered exponential fields by Philip Ehrlich and Elliot Kaplan
- Initial self-embeddings of models of set theory by Ali Enayat and Zachiri McKenzie
- HOD in inner models with Woodin cardinals by Sandra Müller and Grigor Sargsyan
- Vaught's conjecture for almost chainable theories by Miloš S. Kurilić
- Associativity of the Morley product of invariant measures in NIP theories by Gabriel Conant and Kyle Gannon
- Notes on some Erdôs-Hajnal problems by Péter Komjáth
- Some questions of uniformity in algorithmic randomness by Laurent Bienvenu, Barbara F. Csima, and Matthew Harrison-Trainor
- More ZFC inequalities between cardinal invariants by Vera Fischer and Daniel T. Soukup
- Null sets and combinatorial covering properties by Piotr Szewczak and Tomasz Weiss
- Bounded-analytic sequent calculi and embeddings for hypersequent logics by Agata Ciabattoni, Timo Lang, and Revantha Ramanayake
- Prenex normal form theorems in semi-classical arithmetic by Makoto Fujiwara and Taishi Kurahashi
- Weak canonical bases in $NSOP_1$ theories by Byunghan Kim
- Fibred algebraic semantics for a variety of non-classical first-order logics and topological logical translation by Yoshihiro Maruyama
- More on Fréchet-Urysohn ideals by Salvador García Ferreira and Osvaldo Guzmán

- Most simple extensions of FL_e are undecidable by Nikolaos Galatos and Gavin St. John
- Münchhausen provability by Joost J. Joosten
- Ordinal analysis of partial combinatory algebras by Paul Shafer and Sebastiaan A. Terwijn
- The poset of all logics I: interpretations and lattice structure by R. Jansana and T. Moraschini
- A comparison of various analytic choice principles by Paul-Elliot Anglès D'Auriac and Takayuki Kihara
- Approximating trees as coloured linear orders and complete axiomatisations of some classes of trees by Ruaan Kellerman and Valentin Goranko
- Contributions to the theory of F-automatic sets by Christopher Hawthorne
- Models of Martin-Löf type theory from algebraic weak factorisation systems by Nicola Gambino and Marco Federico Larrea
- Countably perfectly meager sets by R. Pol and P. Zakrzewski
- Forking, imaginaries, and other features of ACFG by Christian D'Elbée
- Symétries et transvexions, principalement dans les groupes de rang de Morley fini sans involutions by Bruno Poizat

The Review of Symbolic Logic

- 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
- A first-order framework for inquisitive modal logic by Silke Meissner and Martin Otto
- Fractional-valued modal logic by Mario Piazza, Gabriele Pulcini, and Matteo Tesi
- Operands and instances by Peter Fritz
- Steel's Programme: evidential framework, the Core and Ultimate-L by Joan Bagaria and Claudio Ternullo
- Three model-theoretic constructions for generalised Epstein semantics by Krzysztof A. Krawczyk
- A correctness proof for al-Barakāt's logical diagrams by Wilfrid Hodges
- Improving strong negation by Satoru Niki
- Interpretation, logic and philosophy: Jean Nicod's *Geometry in the sensible world* by Sébastien Gandon
- A mathematical commitment without computational strength by Anton Freund
- Subatomic inferences: an inferentialist semantics for atomics, predicates, and names by Kai Tanter
- Conditional logic is complete for convexity in the plane by Johannes Marti
- Hierarchical incompleteness results for arithmetically definable extensions of fragments of arithmetic by Rasmus Blanck
- Logics of formal inconsistency enriched with replacement: an algebraic and modal account by Walter Carnielli, Marcelo E. Coniglio, and David Fuenmayor
- Neighbourhood canonicity for EK, ECK, and relatives: a constructive proof by Frederik Van De Putte and Paul McNamara
- Russellian definite description theory - a proof theoretic approach by Andrzej Indrzejczak
- The Copernican multiverse of sets by Paul K. Gorbow and Graham E. Leigh

- Kurt Gödel on logical, theological, and physical antinomies by Tim Lethen
- Logicality and model classes by Juliette Kennedy and Jouko Väänänen
- Projective duality and the rise of modern logic by Günther Eder
- Goodstein sequences based on a parametrized Ackermann-Péter function by Toshiyasu Arai, Stanley S. Wainer, and Andreas Weiermann
- Sealing of the universally Baire sets by Grigor Sargsyan and Nam Trang