## **CONTENTS OF VOLUME 29**

## ARTICLES

Adam-Day, Bea, Howe, John, and Mennuni, Rosario.	
On double-membership graphs of models of anti-foundation	128
BAGARIA, JOAN. Large cardinals as principles of structural reflection	19
Boney, Will, Csima, Barbara. F., Day, Nancy A., and	
Harrison-Trainor, Matthew. Which classes of structures are both	
pseudo-elementary and definable by an infinitary sentence?	1
Brauer, Ethan. A classical modal theory of lawless sequences	406
Damnjanovic, Zlatan. Tree theory: Interpretability between weak	
first-order theories of trees	465
Downey, Rodney G. and Melnikov, Alexander G. Computably compact	
metric spaces	170
EISENTRÄGER, KIRSTEN, MILLER, RUSSELL, SPRINGER, CALEB and	
WESTRICK, LINDA. A topological approach to undefinability in	
algebraic extensions of $\mathbb Q$	626
Eskew, Monroe. Incompatibility of generic hugeness principles	157
Fujiwara, Makoto, Ishihara, Hajime, Nemoto, Takako, Suzuki,	
Nobu-Yuki, and Yokoyama, Keita. Extended frames and separations	
of logical principles	311
HALEVI, YATIR and KAPLAN, ITAY. Saturated models for the working	
model theorist	163
HENNEY-TURNER, CHRISTOPHER, HOLY, PETER, SCHLICHT, PHILIPP and	
Welch, Philip. Asymmetric cut and choose games	588
Hrbacek, Karel and Katz, Mikhail G. Constructing nonstandard hulls	
and Loeb measures in internal set theories	97
KAVVOS, G. A. and GRATZER, DANIEL. Under lock and key: a proof	
system for amultimodal logic	264
MATET, PIERRE. Menas's conjecture revisited	354
McCarty, Charles, Shapiro, Stewart, and Klev, Ansten. The axiom of	
choice is false intuitionistically (in most contexts)	71
VAN BENTHEM, JOHAN and ICARD, THOMAS. Interleaving logic and	
counting	503
n.	
Reviews	
DZHAFAROV, D. and MUMMERT, C. Reverse Mathematics: Problems,	(()
Reductions, and Proofs. Reviewed by Chris J. Conidis	660
Krajiček, J. <i>Proof Complexity</i> . Reviewed by Moritz Müller	296
Steele, K. and Stefánsson, Orri H., Beyond Uncertainty: Reasoning	20.4
with Unknown Possibilities. Reviewed by Mag dalen Elmitt	294
MacFarlane, John. Philosophical Logic: A Contemporary Introduction.	450
Reviewed by Bruno Bentzen	456
STEEL, JOHN and WOODIN, HUGH. HOD as a Core Model. Reviewed by	
Derek Levinson	656
Three papers on recent work on meta-validity. Reviewed by Chris Scambler	453
BRUCE M. KAPRON, ed. Logic, Automata and Computational Complexity:	
The Works of Stephen A. Cook. Reviewed by Pavel Pudlák	658



## THESIS ABSTRACTS

Senadheera, Dodamgodage Gihanee M., Effective Concept Classes of PAC and PACi Incomparable Degrees, Joins and Embedding of Degrees,	299
HOLLAND, JAMES, Weak Indestructibility and Reflection, Rutgers University,	298
New Brunswick, NJ, USA, 2023. Supervised by Grigor Sargsyan	663
David Reed Solomon	664
Institut de Mathématiques de Jussieu-Paris Rive Gauche, Université de Paris, Paris, France, 2020. Supervised by Boban Veličković	300
Cohesive Powers. Department of Mathematics, University of Connecticut, Storrs, CT, USA. 2023. Supervised by Davide Reed Solomon	664
	300
	664
MEETING REPORTS	
<ul> <li>2023 Winter Meeting of the Association for Symbolic Logic, Boston,</li> <li>Massachusetts, Joint Mathematics Meeting, January 6–7, 2023</li> <li>2023 North American Annual Meeting of the Association for Symbolic Logic, University of California, Irvine, Irvine, CA, USA,</li> </ul>	666
March 25–29, 2023	672
2023 Spring Meeting of the Association for Symbolic Logic, The Westin St. Francis, San Francisco, CA, Pacific APA Meeting, April 5–6, 2023s	696
The 19th Latin American Symposium on Mathematical Logic of the Association for Symbolic Logic XIX Simposio Latinoamericano de Lógica Matemática, Universidad de Costa Rica, San José, Costa Rica,	
July 26–31, 2022	703
(WoLLIC 2021) co-sponsored by the Association for Symbolic Logic,	725
Notices Notices	<b>50</b> (
Notices	