THE REVIEW OF SYMBOLIC LOGIC



Hannes Leitgeb, *Coordinating Editor* Andrew Arana Wesley Holliday Rosalie lemhoff Peter Koellner Carsten Lutz Catarina Dutilh Novaes David Ripley Robert van Rooij Charlotte Werndl

VOLUME 8 • NUMBER 1 • MARCH 2015 • ISSN 1755-0203

Copyright © 2015 by the Association for Symbolic Logic. All rights reserved. Reproduction by photostat, photo-print, microfilm, or like process by permission only.

NSL

PUBLISHED QUARTERLY BY THE ASSOCIATION FOR SYMBOLIC LOGIC, INC. WITH SUPPORT FROM INSTITUTIONAL MEMBERS.

THE REVIEW OF SYMBOLIC LOGIC

Coordinating Editor

Hannes Leitgeb Department of Philosophy, Philosophy of Science, and Study of Religion Ludwig-Maximilians-University, Munich

Editors

Andrew Arana Department of Philosophy University of Illinois at Urbana-Champaign

Wesley Holliday Department of Philosophy University of California, Berkeley

Rosalie Iemhoff Department of Philosophy Utrecht University

Peter Koellner Department of Philosophy Harvard University

Carsten Lutz Department of Computer Science University of Bremen

Advisory Board

Maria Aloni Department of Philosophy and Institute for Logic, Language and Computation University of Amsterdam

Roy Cook Department of Philosophy and Minnesota Center for Philosophy of Science University of Minnesota

J. Michael Dunn Departments of Computer Science and Philosophy Indiana University

Richard G. Heck Department of Philosophy Brown University

Geoffrey Hellman Department of Philosophy University of Minnesota

Juliette Kennedy Department of Mathematics and Statistics University of Helsinki

Peter Koellner Department of Philosophy Harvard University

Elaine Landry Department of Philosophy University of California, Davis Catarina Dutilh Novaes Department of Philosophy University of Groningen, Netherlands

David Ripley Department of Philosophy University of Connecticut

Robert van Rooij Department of Philosophy and Institute for Logic University of Amsterdam

Charlotte Werndl Department of Philosophy, Logic, and Scientific Method London School of Economics

Bernard Linsky Department of Philosophy University of Alberta Penelope Maddy Department of Logic and Philosophy of Science University of California, Irvine Edwin Mares School of History, Philosophy, Political Science & International Relations Victoria University of Wellington Rohit Parikh Department of Computer and Information Science Brooklyn College, City University of New York Greg Restall Department of Philosophy University of Melbourne Stewart Shapiro Department of Philosophy Ohio State University Gila Sher Department of Philosophy University of California, San Diego Achille C. Varzi Department of Philosophy Columbia University Rineke Verbrugge Institute of Artificial Intelligence University of Groningen

TABLE OF CONTENTS

How Vagueness Could Cut Out at Any Order CIAN DORR 1
People with Common Priors Can Agree to Disagree HARVEY LEDERMAN
Supervaluation on Trees for Kripke's Theory of Truth CASPER STORM HANSEN
Contingency and Knowing Whether JIE FAN, YANJING WANG, AND HANS VAN DITMARSCH 75
The Theory of Spectrum Exchangeability E. HOWARTH AND J. B. PARIS
Stalnaker's Thesis in Context ANDREW BACON
Completeness of Åqvist's Systems E and F XAVIER PARENT
Modal Logics of Metric Spaces GURAM BEZHANISHVILI, DAVID GABELAIA, AND JOEL LUCERO-BRYAN
Generalized Algebra-Valued Models of Set Theory BENEDIKT LÖWE AND SOURAV TARAFDER

Subscription Information: *Review of Symbolic Logic* (ISSN 1755-0203) is published quarterly by Cambridge University Press for the Association for Symbolic Logic. Annual subscription rates for Volume 8 (2015): Institutional subscription rates, print and online: US \$956.00 in the USA, Canada, and Mexico; UK £600.00 + VAT elsewhere. Institutional subscription rates, online only: US \$820.00 in the USA, Canada, and Mexico; UK £516.00 + VAT elsewhere. Institutional subscription rates, print only: US \$930.00 in the USA, Canada, and Mexico; UK £580.00 + VAT elsewhere. Individual subscription rates, online only: US \$197.00 in the USA, Canada, and Mexico; UK £521.00 in the USA, Canada, and Mexico; UK £123.00 + VAT elsewhere. Individual subscription rates, print only: US \$221.00 in the USA, Canada, and Mexico; UK £123.00 + VAT elsewhere. Institutional subscription correspondence should be sent to: Cambridge University Press, 100 Brook Hill Drive, West Nyack, NY 10994, USA, for customers in the USA, Canada, or Mexico. Customers elsewhere should contact: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 8RU, UK.

Association for Symbolic Logic. Individual Members of the Association for Symbolic Logic receive a print subscription to *The Review of Symbolic Logic* as a benefit of membership. Requests for information, applications for membership, orders for back volumes, business correspondence, and notices and announcements for publication in the *The Bulletin of Symbolic Logic* should be sent to the Secretary-Treasurer of the Association: Charles Steinhorn, ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, NY 12604, USA. The email address of the Association's business office is asl@vassar.edu. The ASL website is located at http://www.aslonline.org. Links from that site provide further information on the *Review* and on submitting papers for publication.

Coordinating Editor: Hannes Leitgeb, Ludwig-Maximilians-University Munich, Faculty of Philosophy, Philosophy of Science and Study of Religion Geschwister-Scholl-Platz 1, D-80539 Munich, Germany. Email: Hannes.Leitgeb@lmu.de.

Copyright: All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronic, photocopy, or otherwise, without permission in writing from Cambridge University Press. Photocopying information for users in the U.S.A.: Copying for internal or personal use beyond that permitted by Sec. 107 or 108 of the U.S. Copyright Law is authorized for users duly registered with the Copyright Clearance Center (CCC) Transaction Reporting Service, provided that the appropriate remittance per article is paid directly to CCC, 222 Rosewood Drive, Danvers, MA 01923, USA. Specific written permission must be obtained for all other copying. General enquiries from the USA, Mexico, and Canada should be addressed to the New York office of Cambridge University Press http://www.cambridge.org/us/information/rights/contacts/newyork.htm; general enquiries from elsewhere should be addressed to the Cambridge office http://www.cambridge.org/ uk/information/rights/contacts/cambridge.htm; permission enquiries from Australia and New Zealand should be addressed to the Melbourne office http://www.cambridge.org/aus/ information/contacts_melbourne.htm; enquiries regarding Spanish-language translation rights (only) should be addressed to the Madrid office http://www.cambridge.org/uk/ information/rights/contacts/madrid.htm

Copyright © Association for Symbolic Logic, 2015