

THE
JOURNAL
OF
SYMBOLIC LOGIC

EDITED BY

ALONZO CHURCH
BURTON S. DREBEN

AZRIEL LÉVY
ANIL NERODE

ARTHUR N. PRIOR
GERALD E. SACKS

Managing Editor: ALFONS BORGERS

Consulting Editors:

ALAN ROSS ANDERSON
YEHOASHA BAR-HILLEL
C. A. BAYLIS
JÍŘÍ BEČVÁŘ
JONATHAN F. BENNETT
PAUL BERNAYS
ANDRZEJ BLIKLE
C. C. CHANG
WILLIAM CRAIG
MARTIN DAVIS
EDWARD E. DAWSON
VERENA H. DYSON

CALVIN C. ELGOT
EBERHARD M. FELS
FREDERIC B. FITCH
G. HASENJAEGER
HANS HERMES
CAROL R. KARP
H. JEROME KEISLER
DONALD L. KREIDER
DONALD MONK
RICHARD MONTAGUE
ANDRZEJ MOSTOWSKI
GERT H. MÜLLER
F. C. OGLESBY

RÓZSA PÉTER
MICHAEL O. RABIN
ABRAHAM ROBINSON
GENE F. ROSE
BARKLEY ROSSER
ARTO SALOMAA
KURT SCHÜTTE
DANA SCOTT
JOSEPH R. SHOENFIELD
J. F. THOMSON
JEAN VAN HEIJENOORT
CHARLES E. M. YATES

VOLUME 34
1969

PUBLISHED QUARTERLY BY THE ASSOCIATION FOR SYMBOLIC LOGIC, INC WITH
SUPPORT FROM THE U.S. NATIONAL SCIENCE FOUNDATION, FROM UNESCO
THROUGH ICSU, AND FROM INSTITUTIONAL AND CORPORATE MEMBERS

*Copyright © 1969 by the Association for Symbolic Logic, Inc.
Reproduction by photostat, photo-print, microfilm, or like process by permission only*

**Reprinted 1970
in the
United States of America**