

THE
JOURNAL
OF
SYMBOLIC LOGIC

EDITED BY

MAX BLACK ALONZO CHURCH
Managing Editor: ROBERT E. LUCE

Consulting Editors:

C. A. BAYLIS	CARL G. HEMPEL	EVERETT J. NELSON
PAUL BERNAYS	LÁSZLÓ KALMÁR	RÓZSA PÉTER
G. D. W. BERRY	S. C. KLEENE	W. V. QUINE
EVERT BETH	J. C. C. MCKINSEY	BARKLEY ROSSER
F. B. FITCH	ANDRZEJ MOSTOWSKI	H. E. VAUGHAN

VOLUME 13 NUMBER 2

JUNE 1948

PUBLISHED QUARTERLY BY THE ASSOCIATION FOR SYMBOLIC LOGIC, INC.
WITH THE AID OF SUBVENTIONS FROM

HARVARD UNIVERSITY	SMITH COLLEGE
INSTITUTE FOR ADVANCED STUDY	UNIVERSITY OF MICHIGAN
PRINCETON UNIVERSITY	UNIVERSITY OF PENNSYLVANIA

*Copyright 1948 by the Association for Symbolic Logic, Inc.
Reproduction by photostat, photo-print, microfilm, or like process by permission only*

TABLE OF CONTENTS

A system of axiomatic set theory—Part VI. By PAUL BERNAYS.....	65
Practical forms of type theory. By A. M. TURING.....	80
An extension of basic logic. By FREDERIC B. FITCH.....	95
A problem concerning the notion of definability. By ALFRED TARSKI....	107
Reviews	112
Notice of a meeting of the Association.....	128

The **JOURNAL OF SYMBOLIC LOGIC** is the official organ of the Association for Symbolic Logic, Inc. It is published at Mount Royal and Guilford Avenues, Baltimore, Maryland, quarterly, in the months of March, June, September, and December. The subscription price is four dollars annually, for current subscriptions. New subscriptions must begin with the first number of the current volume, as determined by the date of receipt of the subscription. Completed volumes are sold at five dollars. Members of the Association of three years standing may purchase back volumes of the **JOURNAL** at reduced rates for their personal use (except volume 1).

Applications for membership in the Association, subscriptions to the **JOURNAL**, and business correspondence should be addressed to Mount Royal and Guilford Avenues, Baltimore-2, Maryland, or to *Robert E. Luce, Rutgers University, New Brunswick, New Jersey*.

Articles for publication in the **JOURNAL** should be sent to *Max Black, Goldwin Smith Hall, Cornell University, Ithaca, New York* or to *Alonzo Church, Fine Hall, Princeton University, Princeton, New Jersey*. All manuscripts should be typewritten with wide margin and wide spacing between the lines, and the author should keep a complete copy; footnotes should be numbered consecutively and should also be typed with wide margin and wide spacing (preferably on a separate sheet). If an article is of more than thirty-two (printed) pages in length, the editors reserve the right to divide it between two or more, not necessarily consecutive, numbers. Authors receive fifty reprints of each article, without covers, and additional reprints may be purchased if desired.

Attention is called to the fact that the **JOURNAL** invites submission of (1) original technical papers in the field of symbolic logic, (2) expository papers in this field, (3) philosophical papers which bear upon this field or make use of its methods, and (4) studies in the history of logic in which modern technical developments are taken into account.

Authors and publishers are requested to send, for review, copies of books and reprints of articles in journals to Alonzo Church, Fine Hall, Princeton, New Jersey.

Entered as second class matter at the post office at Baltimore, Maryland, under the Act of Aug. 24, 1912.