

NOTRE DAME JOURNAL
OF
FORMAL LOGIC

Edited by
Bolesław Sobociński

VOLUME VII

1966

NOTRE DAME JOURNAL
OF
FORMAL LOGIC

Edited by
Bolesław Sobociński

VOLUME VII

1966

VOLUME VII

1966



Published quarterly by the University of Notre Dame
Notre Dame, Indiana

NOTRE DAME JOURNAL OF FORMAL LOGIC

Volume VII, 1966

CONTENTS

Sur les conditions qui permettent d'utiliser les matrices russelliennes des antinomies (1905) pour exprimer les théorèmes de limitations internes des formalismes. By <i>Jules Vuillemin</i>	1
Zur semantischen Begründung der klassischen und der intuitionistischen Logik. By <i>Franz von Kutschera</i>	20
Non-empty complex terms. By <i>A. J. Baker</i>	48
Topological geometries and a new characterization of \mathbf{R}^m . By <i>Michael C. Gemignani</i>	57
On a proper class and related matters. By <i>Albert A. Mullin</i>	101
A calculus of antinomies. By <i>F. G. Asenjo</i>	103
A remark on continuous selectors. By <i>Henryk Fast</i>	106
Note on the singularities of S5. By <i>John Thomas Canty and Thomas W. Scharle</i>	108
Propositional connectives, supposition, and consequence in Paul of Pergola. By <i>Ivan Boh</i>	109
A reconstruction of formal logic. By <i>George Goe</i>	129
Corrections to my paper "A reconstruction of formal logic." By <i>George Goe</i>	158
Two separation theorems for natural deduction. By <i>Hugues Leblanc</i>	159
Eine modelltheoretische Präzisierung der Wittgensteinschen Bildtheorie. By <i>Wolfgang Stegmüller</i>	181
The construction of a Steiner triple system on sets of the power of the continuum without the axiom of choice. By <i>William J. Frascella</i>	196
A note on regressive isols. By <i>Joseph Barback</i>	203
A note on natural deduction. By <i>Michael D. Resnik</i>	206
A group-theoretic characterization of the ordinary and isotropic Euclidian planes. By <i>Sr. Mary Justin Markham R.S.M.</i>	209
An extension of Venn diagrams. By <i>Gerald J. Massey</i>	239

Some things do not exist. By <i>R. Routley</i>	251
On modal renderings of intuitionistic propositional logic. By <i>Nicholas Rescher</i>	277
A set of axioms for the propositional calculus with implication and non-equivalence. By <i>Anjan Shukla</i>	281
A simple version of the generalized continuum hypothesis. By <i>Rolf Schock</i>	287
In memoriam Evert Willem Beth (1909-1964). By <i>Arend Heyting</i>	289
A note on Halldén-incompleteness. By <i>E. J. Lemmon</i>	296
C. S. S. Peirce and E. G. A. Husserl on the nature of logic. By <i>Albert A. Mullin</i>	301
On general purpose unifying automata. By <i>D. L. Székely</i>	305
Leśniewski's analysis of Whitehead's theory of events. By <i>Vito F. Sinisi</i>	323
The syntax of projective geometry. By <i>Woodrow Jaffe</i>	328
The Menger algebras of 2-place functions in the 2-valued logic. By <i>Philip Calabrese</i>	333
The irreducible generating sets of 2-place functions in the 2-valued logic. By <i>Helen L. Skala</i>	341
Single axiom schemata for D and S . By <i>Thomas W. Scharle</i>	344
A property of sentences that define quasi-order. By <i>Melvin A. Krom</i>	349
A propositional calculus intermediate between the minimal calculus and the classical. By <i>Charles Parsons</i>	353
On the definition of mereological class. By <i>Robert E. Clay</i>	359
Leśniewski's ontology and some medieval logicians. By <i>John Trentman</i>	361
On eliminating an unwanted axiom in the characterization of \mathbf{R}^m using topological geometries. By <i>Michael C. Gemignani</i>	365
A note on BdX . By <i>Michael C. Gemignani</i>	367
Note on Frege's Begriffsschrift. By <i>Ignacio Angelelli and Terrell Ward Bynum</i>	369