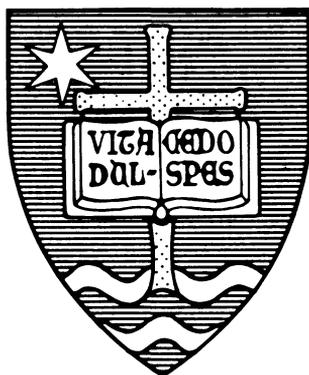


Notre Dame

JOURNAL OF FORMAL LOGIC



VOLUME 34, NUMBER 2
SPRING 1993

PUBLISHED QUARTERLY BY THE
UNIVERSITY OF NOTRE DAME, NOTRE DAME, INDIANA

NOTRE DAME JOURNAL OF FORMAL LOGIC

EDITORS:

Michael Detlefsen
Anand Pillay

BUSINESS MANAGER:

Jan Houseman

Copy Editor:

Michael Rea

VOLUME 34, NUMBER 2, SPRING 1993

CONTENTS

| | |
|---|-----|
| Remarks on strong nonstructure theorems. By <i>Tapani Hyttinen, Saharon Shelah, and Heikki Tuuri</i> | 157 |
| The world, the facts, and primary logic. By <i>Fred Sommers</i> | 169 |
| Stable groups, mostly of finite exponent. By <i>Frank O. Wagner</i> | 183 |
| Apodeictic ecthesis. By <i>Paul Thom</i> | 193 |
| Non-classical syllogistic inference and the method of resolution. By <i>Aris Noah</i> | 209 |
| On closed elementary cuts in recursively saturated models of Peano Arithmetic. By <i>Božena Piekart</i> | 223 |
| BCK and BCI logics, condensed detachment and the 2-property. By <i>J. Roger Hindley</i> | 231 |
| Extensions of the \aleph_0 -valued Łukasiewicz propositional logic. By <i>M. G. Beavers</i> | 251 |
| Quantified modal logics of positive rational numbers and some related systems. By <i>Giovanna Corsi</i> | 263 |
| Isomorphisms of finite cylindric set algebras of characteristic zero. By <i>György Serény</i> | 284 |
| A tableau style proof system for two paraconsistent logics. By <i>Anthony Bloesch</i> | 295 |
| Book review: T. E. Forster. <i>Set theory with a universal set: Exploring an untyped universe</i> . Reviewed by <i>Richard Kaye</i> | 302 |

Notre Dame Journal of Formal Logic is published quarterly by the University of Notre Dame in the Winter, Spring, Summer, and Fall of each year. The Journal is composed by Beljan, Ltd., Dexter, Michigan and printed by Cushing-Malloy, Inc., Ann Arbor, Michigan. Second-class postage paid at Notre Dame, Indiana 46556.

Subscriptions are \$45.00 per year for institutions and \$25.00 for individuals. Back volumes are \$20.00 each for Volumes 1–10, \$40.00 each for Volumes 11–30, and \$45.00 each for Volumes 31–33. Orders for subscriptions and back volumes (accompanied by payment) and changes of address should be sent to the *Business Manager*, P.O. Box 5, Notre Dame, Indiana 46556, U.S.A.

Copyright © 1993 by the University of Notre Dame. All rights reserved.
Codon: NDJFAM.

Notre Dame Journal of Formal Logic (ISSN 0029-4527)