Notre Dame JOURNAL of FORMAL LOGIC



VOLUME 26, NUMBER 1 JANUARY 1985

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

NOTRE DAME JOURNAL OF FORMAL LOGIC

Editors:
Michael Detlefsen
Kit Fine
Mark E. Nadel
Howard K. Wettstein

Associate Editors: Ernest LePore Penelope Maddy Consulting Editors: Elliott Mendelson V. Frederick Rickey Alan Rose Paul Young

Business Manager: Michele Daugherty

VOLUME 26, NUMBER 1, JANUARY 1985

CONTENTS

A note on satisfaction classes. By Roman Kossak	1
Validity in intensional languages: A new approach. By William H. Hanson and James Hawthorne	9
On the possible number $no(M) =$ the number of nonisomorphic models $L_{\infty,\lambda}$ -equivalent to M of power λ , for λ singular. By Saharon Shelah	36
A completeness theorem for dynamic logic. By László Csirmaz	51
Individuals and points. By Bowman L. Clark	61
Principal congruences of tetravalent modal algebras. By Isabel Loureiro	76
Number-theoretic set theories. By Paul Strauss	81
Errata 9	96

Notre Dame Journal of Formal Logic is published quarterly by the University of Notre Dame in January, April, July, and October 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 \$40.00 per year for institutions and \$20.00 for individuals. Back volumes are \$20.00 each for Volumes 1-10 and \$35.00 each for Volumes 11-25. 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 © 1985 by the University of Notre Dame. All rights reserved. Coden: NDJFAM.

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