Notre Dame Journal of Formal Logic Volume 30, Number 4, Fall 1989

AUTHOR INDEX V VOLUMES 26–30 (1985–1989)

This author index gives a complete listing of articles published in Volumes 26-30 of the *Notre Dame Journal of Formal Logic*. Each author's articles are listed in chronological order by date of publication.

	Volume	Pages
ADÁMEK, JĬRI On the logic of continuous algebras (with Alan H. Mekler, Evelyn Nelson, and Jan Reiterman)	29	365-380
AKAMA, SEIKI Construtive predicate logic with strong negation and model theory	29	18–27
ANDERSON, C. ANTHONY Semantical antimonies in the logic of sense and denotation	28	99-114
AVRON, ARNON On purely relevant logics On an implication connective of RM	27 27	180–194 201–209
BAAZ, MATTHIAS Kripke-type semantics for Da Costa's paraconsistent logic C_{ω}	27	523-527
BALDWIN, J. T. Second-order quantifiers and the complexity of theories (with Saharon Shelah)	26	229-303
BALLARD, DAVID Independence in higher-order subclassical logic	26	444-454
BARWISE, JON Information and circumstance	27	324-338
BELL, DAVID Thoughts	28	36-50
BELLISSIMA, FABIO Infinite sets of nonequivalent modalities	30	574-582
BENCIVENGA, ERMANNO Analyticity and analytical truth	27	14–19
A free logic with simple and complex predicates (with Karel Lambert)	27	247-256

VAN BENTHEM, JOHAN Notes on modal definability Logical constants across varying types	30 30	20-35 315-342
BERNARDI, CLAUDIO Topological duality for diagonalizable algebras (with Paola D'Aquino)	29	345-364
BIRÓ, BALÁZS Isomorphic but not lower base-isomorphic cylindric algebras of finite dimension	30	262-267
BLASS, ANDREAS Near coherence of filters, I: Cofinal equivalence of models of arithmetic Near coherence of filters III: A simplified consistency proof (with Saharon Shelah)	27 30	579-591 530-538
BLIZARD, WAYNE D. Multiset theory	30	36-66
BOOLOS, GEORGE 1-Consistency and the diamond Alphabetical order	26 29	341–347 214–215
BORIČIĆ, BRANISLAV R. On certain normalizable natural deduction formulations of some propositional intermediate logics	29	563-568
BROESTERHUIZEN, GUUS Identities and indiscernability (<i>with J. Wierzejewski</i>)	27	592-606
BRUCE, KIM B. Model constructions in stationary logics. Part II: Definable ultrapowers	27	257-262
BRUNNER, NORBERT Set mappings on Dedekind sets	30	268–270
BULL, R. A. Survey of generalizations of Urquhart semantics	28	220-237
BURGESS, JOHN P. From preference to utility: A problem of descriptive set theory The decision problem for linear temporal logic (with Yuri Gurevich)	26 26	106–114 115–128
BURRIEZA, A. Modal trees: Correction to a decision procedure for S5 (and T) (with Juan C. León)	28	385-391
BUTRICK, RICHARD Systems of sentence logic with trans-atomic units A system of predicate logic with trans-atomic units	27 28	565-571 431-438
BYRD, MICHAEL Russell, logicism, and the choice of logical constants	30	343-361
CANJAR, MICHAEL Cofinalities of countable ultraproducts: The existence theorem	30	539-542
CEGIELSKI, PATRICK The elementary theory of the natural lattice is finitely axiomatizable	30	138-150
CENIZA, CLARO R. Material implication and entailment	29	510-519

CLARK, BOWMAN L. Individuals and points	26	61-75
CLARK, ROMANE Predication and paronymous modifiers	27	376-392
COCCHIARELLA, NINO B. Two λ-extensions of the theory of homogeneous simple types as a second-order logic	26	377-407
COHEN, DANIEL H. A new axiomatization of Belnap's conditional assertion The problem of counterpossibles	27 29	124–132 91–101
CSIRMAZ, LÁSZLÓ A completeness theorem for dynamic logic	26	51-60
ČUBRIĆ, DJORDJE There are denumerably many ternary intuitionistic Sheffer functions	29	579-582
CURRIE, GREGORY Remarks on Frege's conception of inference	28	55-68
DAHLHAUS, E. On the existence of polynomial time algorithms for interpolation problems in propositional logic (<i>with A. Israeli and J. A. Makowsky</i>)	29	497-509
VAN DALEN, D. Finite Kripke models of HA are locally PA (with E. C. W. Krabbe, H. Mulder, and A. Visser)	27	528-532
DANIELS, CHARLES A story semantics for implication A first-order logic with no logical constants	27 28	221–246 408–413
D'AQUINO, PAOLA Topological duality for diagonalizable algebras (with Claudio Bernardi)	29	345-364
DAU, PAOLO Russell's first theory of denoting and quantification	27	133-166
DEUTSCH, HARRY Relevance and conformity	26	455-462
DOETS, KEES On <i>n</i> -equivalence of binary trees Monadic Π_1^1 -theories of Π_1^1 -properties	28 30	238–243 224–240
DOŠEN, KOSTA An intuitionistic Sheffer function Logical constants as punctuation marks	26 30	479–482 362–381
DOUGHERTY, DANIEL J. Gentzen systems, resolution, and literal trees	27	483-503
DUCHHART, DENNIS A unified approach to relative interpolation	29	412-419
DUDEK, JÓZEF On finite models of regular identities (with Andrzej Kisielewicz)	30	624-628
DUMMETT, MICHAEL More about thoughts	30	1-19

DYWAN, ZDZISLAW A new variant of the Gödel-Malcev theorem for the classical		
propositional calculus and correction to my paper – The con- nective of necessity of modal logic S5 is metalogical	27	551-555
DZIERZGOWSKI, DANIEL Many-sorted elementary equivalence	29	530-542
ENGLEBRETSEN, GEORGE Czezowski on wild quantity Singular/general Preliminary notes on a new modal syllogistic Formatives	27 27 29 30	62-65 104-107 381-395 382-389
FARRELL, ROBERT J. Implication and presupposition	27	51–61
FEJER, PETER A. Infima of recursively enumerable truth table degrees (<i>with</i> <i>Richard A. Shore</i>)	29	420-437
FINE, KIT Analytic implication	27	169–179
FITTING, MELVIN Notes on the mathematical aspects of Kripke's theory of truth	27	75-88
FLANNERY, KEVIN L. A rationale for Aristotle's notion of perfect syllogisms	28	455-471
FODOR, J. A. Information and association	27	307-323
FONT, JOSEP M. Modality and possibility in some intuitionistic modal logics	27	533-546
FORREST, PETER The logic of free acts and the powers of God	27	20-38
GARSON, JAMES Modularity and relevant logic	30	207-223
GOLD, BONNIE Relatively diophantine correct models of arithmetic	28	291-296
GOODMAN, NICOLAS D. Intensions, Church's Thesis, and the formalization of mathematics	28	473–489
GUREVICH, YURI The decision problem for linear temporal logic (with John P. Burgess)	26	115-128
HAILPERIN, THEODORE Infinity truth-functional logic	29	28-33
HAND, MICHAEL Other and Else: Restrictions on quantifier domains in game- theoretical semantics	28	423-430
HANSON, WILLIAM H. Validity in intensional languages: A new approach (with James Hawthorne)	26	9-35
HARKLEROAD, LEON Iterated images on manifolds	27	89-92
HARRAH, DAVID Message semantics	27	339-348

HARRINGTON, LEO An exposition of Shelah's 'main gap': Counting uncountable		
models of ω -stable and superstable theories (with M. Makkai) Some exact equiconsistency results in set theory (with Saharon	26	139-177
Shelah)	26	178–188
HAWTHORNE, JAMES Validity in intensional languages: A new approach (with William H. Hanson)	26	9-35
HELMAN, GLEN On the equivalence of proofs involving identity	28	297-321
HILL, CHRISTOPHER S. Rudiments of a theory of reference	28	200–219
HINNION, R. Book Review: Non-well-founded sets, by Peter Aczel	30	308-312
HOWARD, PAUL E. Maximal P-subgroups and the axiom of choice (with Mary Yorke)	28	276–283
HUGLY, PHILIP Do we need models? (with Charles Sayward)	28	414-422
HUMBERSTONE, I. L. The modal logic of "all and only" Operational semantics for positive R	28 29	177–188 61–80
ISKANDER, AWAD An isomorphism between rings and groups	30	513-529
ISRAELI, A. On the existence of polynomial time algorithms for interpolation problems in propositional logic (<i>with E. Dahlhaus and J. A. Makowsky</i>)	29	497-509
JAGER, THOMAS De Re and De Dicto	29	81-90
JOHNSON, FRED Models for modal syllogisms	30	271–284
JONES, JOHN The rule of procedure <i>Re</i> in Łukasiewicz's many-valued proposi- tional calculi	26	423-428
JURCIC, JOSEPH On defining sentential connectives	28	189-199
KAMINSKI, MICHAEL Nonstandard connectives of intuitionistic propositional logic	29	309-331
KAPETANOVIĆ, MIODRAG More on trees and finite satisfiability: The taming of terms (<i>with Aleksandar Krapež</i>)	28	392-394
KAUFMANN, MATT A note on the Hanf number of second-order logic The Hanf number of stationary logic (<i>with Saharon Shelah</i>)	26 27	305–308 111–123
KEARNS, JOHN T. Leśniewski's strategy and modal logic	30	291-307
KISIELEWICZ, ANDRZEJ On finite models of regular identities (<i>with Józef Dudek</i>)	30	624–628
KLEENE, STEPHEN C. Reflections on Church's Thesis	28	490-498

KOSSAK, ROMANA note on satisfaction classesRecursively saturated ω_1 -like models of arithmetic	26 26	1-8 413-422
KRABBE, E. C. W. Finite Kripke models of HA are locally PA (with H. Mulder, D. van Dalen, and A. Visser)	27	528-532
KRANAKIS, EVANGELOS Definable partitions and reflection properties for regular cardinals	26	408-412
KRAPEŽ, ALEKSANDAR More on trees and finite satisfiability: The taming of terms (<i>with</i> <i>Miodrag Kapetanović</i>)	28	392-394
KREISEL, GEORG	20	400 510
Church's Thesis and the ideal of informal rigour Book Review: Collected Works, Volume I, Publications 1929- 1936, by Kurt Gödel	28 29	499–519 160–181
KROM, MELVIN A linearly ordered topological space that is not normal	27	12-13
LAMBERT, KAREL A free logic with simple and complex predicates (with Ermanno Bencivenga)	27	247-256
LANCE, MARK On the logic of contingent relevant implication: A conceptual incoherence in the intuitive interpretation of <i>R</i>	29	520-529
LAVERS, PETER Relevance and disjunctive syllogism	29	34-44
LEBLANC, AUDOËNUS Axioms for mereology New axioms for mereology Investigations in protothetic	26 26 26	429–436 437–443 483–490
LEBLANC, HUGUES On relativizing Kolmogorov's absolute probability functions (with Peter Roeper)	30	485-512
LEÓN, JUAN C. Modal trees: Correction to a decision procedure for S5 (and T) (with A. Burrieza)	28	385-391
LINDSTRÖM, PER Partially generic formulas in arithmetic	29	185-192
LOKHORST, GERT-JAN C. The modal status of antinomies	29	102-105
LOUREIRO, ISABEL Principal congruences of tetravalent modal algebras	26	76-80
LYCAN, WILLIAM G. Logical constants and the glory of truth-conditional semantics	30	390-400
MAKKAI, M. An exposition of Shelah's 'main gap': Counting uncountable models of ω-stable and superstable theories (with Leo Harrington)	26	139-177
MAKOWSKY, J. A. On the existence of polynomial time algorithms for interpolation		
problems in propositional logic (with E. Dahlhaus and A. Israeli)	29	497-509

MARTINEZ, JUAN CARLOS Decision procedure for a class of $(L_{\omega_1\omega})_t$ -types of T3 spaces	28	284–290
McCARTHY, TIMOTHY Turing projectability (<i>with Stewart Shapiro</i>) Logical form and radical interpretation	28 30	520–535 401–419
McCARTY, CHARLES Subcountability under realizability Variations on a thesis: Intuitionism and computability	27 28	210–220 536–580
McKAY, THOMAS His burning pants	27	393-400
MEKLER, ALAN H. Stationary logic and its friends – I (with Saharon Shelah) Stationary logic and its friends – II (with Saharon Shelah) On the logic of continuous algebras (with Jiri Adámek, Evelyn Nelson, and Jan Reiterman)	26 27 29	129–138 39–50 365–380
MENDELSOHN, RICHARD L. Frege's two senses of "Is" Objects and existence: Reflections on free logic	28 30	139–160 604–623
MENZEL, CHRIS On an unsound proof of the existence of possible worlds	30	598-603
MEYER, JJ. CH. A different approach to deontic logic: Deontic logic viewed as a variant of dynamic logic	29	109-136
MIGLIOLI, PIERANGELO A constructivism based on classical truth (with Ugo Moscato, Mario Ornaghi, and Gabriele Usberti) Some results on intermediate constructive logics (with Ugo Moscato, Mario Ornaghi, Silvia Quazza, and Gabriele Usberti)	30 30	67-90 543-562
MINTS, G. E. The completeness of provable realizability	30	420-441
MONTAGNA, FRANCO "Pathologies" in two syntactic categories of partial maps	30	105-116
MOORE, A. W. Frege's permutation argument (with Andrew Rein)	28	51-54
MORIKAWA, OSAMU Some modal logics based on a three valued logic	30	130-137
MORTENSEN, CHRIS Reply to Burgess and to Read Inconsistent number systems	27 29	195–200 45–60
MOSCATO, UGO A constructivism based on classical truth (with Pierangelo Miglioli, Mario Ornaghi, and Gabriele Usberti) Some results on intermediate constructive logics (with Pierangelo Miglioli, Mario Ornaghi, Silva Quazza, and Gabriele Usberti)	30 30	67-90 543-562
MULDER, H. Finite Kripke models of HA are locally PA (with E. C. W. Krabbe, D. van Dalen, and A. Vissser)	27	528-532
MURAWSKI, ROMAN Pointwise definable substructures of models of Peano arith- metic	29	295-308

NELSON, EVELYN On the logic of continuous algebras (with Jiri Adámek, Alan H. Mekler, and Jan Reiterman)	29	365-380
NELSON, R. J. Church's Thesis and cognitive science	28	581–614
ORNAGHI, MARIO A constructivism based on classical truth (with Pierangelo Miglioli, Ugo Moscato, and Gabriele Usberti) Some results on intermediate constructive logics (with Pierangelo Miglioli, Ugo Moscato, Silvia Quazza, and Gabriele Usberti)	30 30	67-90 543-562
PAMBUCCIAN, VICTOR Simplicity	29	396-411
PANNIER, RUSSELL Mindful logic: How to resolve some paradoxes of identity (with Thomas Sullivan)	29	249-266
PARSONS, TERENCE On the consistency of the first-order portion of Frege's logical system	28	161-168
PASINI, LEONARDO Generalized Hardy fields in several variables	29	193–197
PATTON, THOMAS E. On begging the question 'Who is N?'	29	553-562
PEARCE, DAVID On the methodology of possible world semantics, I: Correspon- dence theory (<i>with Heinrich Wansing</i>)	29	482–496
PELLETIER, FRANCIS JEFFREY On proving functional incompleteness in symbolic logic classes (with W. David Sharp)	29	235-248
PERUZZI, ALBERTO The theory of descriptions revisited	30	91–104
PETERSON, PHILIP L. Higher quantity syllogisms	26	348-360
PILLAY, ANAND Classification theory over a predicate I (<i>with Saharon Shelah</i>)	26	361-376
POTTINGER, GARREL Intension, designation, and extension	26	309-340
POWERS, LAWRENCE Quantifier responsiveness	28	322-355
QUAZZA, SILVIA Some results on intermediate constructive logics (with Pierangelo Miglioli, Ugo Moscato, Mario Ornaghi, and Gabriele Usberti)	30	543-562
REIN, ANDREW Frege's permutation argument (<i>with A. W. Moore</i>)	28	51-54
REINHARDT, WILLIAM N. Epistemic set theory	29	216-228
REITERMAN, JAN On the logic of continuous algebras (with Jiri Adámek, Alan H. Mekler, and Evelyn Nelson)	29	365-380

ROEPER, PETER On relativizing Kolmogorov's absolute probability functions (<i>with</i>	20	495 510
Hugues Leblanc)	30	485-512
RUSSINOFF, I. SUSAN On the brink of a paradox?	28	115-131
SAIN, ILDIKÓ		
Concerning some cylindric algebra versions of the downward Löwenheim-Skolem theorem An elementary proof for some semantic characterizations of non-	29	332-344
deterministic Floyd-Hoare logic	30	563-573
SALMON, NATHAN Reflexivity	27	401-429
SAYWARD, CHARLES Do we need models? (with Philip Hugly)	28	414-422
SCHMERL, JAMES H. Recursively saturated models generated by indiscernibles	26	99-105
SCHROEDER-HEISTER, PETER A model-theoretic reconstruction of Frege's permutation argument	28	69-79
SCHUMM, GEORGE F. Some failures of interpolation in modal logic	27	108-110
The number of nonnormal extensions of S4	29	106-108
Some compactness results for modal logic	30	285-290
-		
SEGERBERG, KRISTER Modal logics with functional alternative relations	27	504-522
SHANKER, S. G. Wittgenstein versus Turing on the nature of Church's Thesis	28	615-649
SHANNON, GARY P. Equivalent versions of a weak form of the axiom of choice	29	569-573
SHAPIRO, STEWART		
Turing projectability (with Timothy McCarthy) The Lindenbaum construction and decidability	28 29	520-535 208-213
SHARP, W. DAVID		
On proving functional incompleteness in symbolic logic classes (with Francis Jeffrey Pelletier)	29	235-248
SHAW, J. L. The Nyāya on double negation	29	139-154
SHELAH, SAHARON		
On the possible number $no(M)$ = the number of nonisomorphic		
models $L_{\infty,\lambda}$ -equivalent to M of power λ , for λ singular	26	36-50
Stationary logic and its friends – I (with Alan H. Mekler) Some exact equiconsistency results in set theory (with Leo	26	129-138
Harrington)	26	178-188
Incompactness in regular cardinals	26	195-228
Second-order quantifiers and the complexity of theories (with	26	229-303
J. T. Baldwin) Classification theory over a predicate I (with Anand Pillay) On the nonaxiomatizability of some logics by finitely many	26 26	361-376
schemas (with Charles Steinhorn)	27	1-11
schemas (with Charles Steinhorn) Stationary logic and its friends—II (with Alan H. Mekler)	27	39-50
The Hanf number of stationary logic (with Matt Kaufmann)	27	111-123

On power of singular cardinals Some notes on iterated forcing Near coherence of filters III: A simplified consistency proof (with	27 29	263–299 1–17
Andreas Blass)	30	530-538
SHORE, RICHARD A. Infima of recursively enumerable truth table degrees (<i>with</i> <i>Peter A. Fejer</i>)	29	420-437
SIMONS, PETER Combinators and categorial grammar	30	241-261
SLANEY, JOHN K. Reduced models for relevant logics without WI On the structure of De Morgan monoids with corollaries on rele-	28	395–407
vant logic and theories	30	117–129
SLUGA, HANS Frege against the Booleans	28	80-98
SMITH, CARL H. A note on arbitrarily complex recursive functions	29	198–207
SMITH, JAN Propositional functions and families of types	30	442–458
SMORYŃSKI, C. Quantified modal logic and self-reference	28	356-370
SOAMES, SCOTT Incomplete definite descriptions	27	349-375
SORENSEN, ROY A. Are enthymemes arguments? Precisification by means of vague predicates	29 29	155–159 267–275
STATMAN, RICHARD Solving functional equations at higher types; some examples and some theorems	27	66-74
STEINHORN, CHARLES On the nonaxiomatizability of some logics by finitely many schemas (with Saharon Shelah)	27	1-11
The Boolean spectrum of an <i>o</i> -minimal theory (<i>with Carlo Toffalori</i>)	30	197-206
STILLWELL, SHELLEY Book Review: <i>Wittgenstein and the Turning Point in the Philoso-</i> <i>phy of Mathematics</i> , by S. G. Shanker	30	629-645
STRAUSS, PAUL Number-theoretic set theories	26	81-95
SULLIVAN, THOMAS Mindful logic: How to resolve some paradoxes of identity (with Russell Pannier)	29	249–266
SZATKOWSKI, MIROSŁAW Semantical analysis of superrelevant predicate logics with quantification	29	281–294
TAPSCOTT, BANGS L. A simplified natural deduction approach to certain modal systems	28	371-384
TENNANT, NEIL Truth table logic with a survey of embeddability results	30	459–485

THOMPSON, BRUCE E. R. Syllogisms with statistical quantifiers	27	93-103
TOFFALORI, CARLO Cantor-Bendixson spectra of ω -stable theories	28	259-275
The Boolean spectrum of an <i>o</i> -minimal theory (with Charles Steinhorn)	30	197-206
TROELSTRA, A. S. Strong normalization for typed terms with surjective pairing	27	547-550
TURNER, RAYMOND Nominalization and Scott's domains II	26	463-478
ULRICH, DOLPH A five-valued model of the <i>E-p-q</i> theses	29	137-138
URBAS, IGOR Paraconsistency and the C-systems of da Costa	30	583-597
USBERTI, GABRIELE A constructivism based on classical truth (<i>with Pierangelo</i> <i>Miglioli, Ugo Moscato, and Mario Ornaghi</i>) Some results on intermediate constructive logics (<i>with Pierangelo</i> Migliali Lie Maria Ornaghi) difference	30	67-90
Miglioli, Ugo Moscato, Mario Ornaghi, and Silvia Quazza) VISSER, A.	30	543-562
Finite Kripke models of HA are locally PA (with E. C. W. Krabbe, H. Mulder, and D. van Dalen) Peano's smart children: A provability logical study of systems	27	528-532
with built-in consistency	30	161-196
WAGNER, STEVEN J. California semantics meets the great fact The rationalist conception of logic	27 28	430-455 3-35
WANSING, HEINRICH On the methodology of possible world semantics, I: Correspon- dance theory (<i>with David Pearce</i>)	29	482-496
WEIR, ALAN Classical harmony	27	459-482
WESTON, T. S. Approximate truth and Łukasiewicz logic	29	229–234
WHITE, MICHAEL J. An 'almost classical' period-based tense logic	29	438-453
WIERZEJEWSKI, J. Identities and indiscernability (with Guus Broesterhuizen)	27	592-606
WILLIAMSON, TIMOTHY Invertible definitions First-order logics for comparative similarity	28 29	244–258 457–481
WILSON, FRED The distribution of terms: A defense of the traditional doctrine	28	439-454
WU, KATHLEEN JOHNSON A basic free logic	29	543-552
YORKE, MARY Maximal P-subgroups and the axiom of choice (with Paul E. Howard)	28	276-283
YOURGRAU, PALLE Frege on truth and reference	28	132-139

YOURGRAU, PALLE Frege on truth and reference	28	132-139
ZANARDO, ALBERTO On the characterizability of the frames for the "Unpreventability of the present and the past"	27	556-564
ZIMBARG SOBRINHO, J. Definability in self-referential systems	29	574-578
ZUCKERMAN, MARTIN M. Sums of finitely many ordinals of various kinds	27	572-578

The first author index, for Volumes I-X (1960–1969) was published in Volume X (1969), pp. 453–468. The second, for Volumes XI-XV (1970–1974), appears in Volume XV (1974), pp. 649–664. The third, for Volumes XVI-XX (1975–1979), is in Volume XX (1979), pp. 947–968. The fourth, for Volumes 21-25 (1980–1984) is in Volume 25, pp. 394–410.