A Bibliography of Publications in *Fundamenta Informaticae*: 1990–1999

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: `beebe@math.utah.edu`, `beebe@acm.org`, `beebe@computer.org` (Internet)
WWW URL: `http://www.math.utah.edu/~beebe/`

14 October 2017
Version 1.01

Title word cross-reference

References

Apt:1990:ACP

[1] K. R. Apt and H. A. Blair. Arithmetic classification of perfect models of stratified programs. *Fundamenta Informaticae*, 13(1):1–17, March 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fitting:1990:SWS

[2] M. Fitting and M. Ben-Jacob. Stratified, weak stratified and three-valued semantics. *Fundamenta Informaticae*, 13(1):19–33, March 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kunen:1990:SRC

[3] K. Kunen. Some remarks on the completed database. *Fundamenta Informaticae*, 13(1):35–49, March 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Przymusinska:1990:WSL

[4] H. Przymusinska and T. C. Przymunsinski. Weakly stratified logic programs. *Fundamenta Informaticae*, 13(1):51–65, March 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bagai:1990:DCO

[5] R. Bagai, M. Bezem, and M. H. van Emden. On downward closure ordinals of logic programs. *Fundamenta Informaticae*, 13(1):67–83, March 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mauw:1990:PSF

[6] S. Mauw and G. J. Veltink. A process specification formalism. *Fundamenta Informaticae*, 13(2):85–139, June 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Maggiolo-Schettini:1990:CST

[7] A. Maggiolo-Schettini and J. Winkowski. A compositional semantics for timed Petri nets. *Fundamenta Informaticae*, 13(2):141–170, June 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Cazanescu:1990:TNA

[8] V. E. Căzănescu and Gheorghe Stefănescu. Towards a new algebraic foundation of flowchart scheme theory. *Fundamenta Informaticae*, 13(2):171–210, June 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fulop:1990:CIS

[9] Z. Fülop and S. Vágvölgyi. A characterization of irreducible sets modulo left-linear term rewriting systems by tree automata. *Fundamenta Informaticae*, 13(2):211–226, June 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Krynicki:1990:NRC

[10] M. Krynicki. A note on rough concepts logic. *Fundamenta Informaticae*, 13(2):227–235, June 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Novotny:1990:ROG

[11] M. Novotný. Reducing operators for generalized grammars. *Fundamenta Informaticae*, 13(3):237–244, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skowron:1990:RST

[12] A. Skowron. The rough sets theory and evidence theory. *Fundamenta Informaticae*, 13(3):245–262, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Romanowska:1990:CPE

[13] A. B. Romanowska and J. D. H. Smith. Communicating processes and entropic algebras. *Fundamenta Informaticae*, 13(3):263–274, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Keesmaat:1990:VCC

[14] N. W. Keesmaat, H. C. M. Kleijn, and G. Rozenberg. Vector controlled concurrent systems. Part I: basic classes. *Fundamenta Informaticae*, 13(3): 275–316, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hirani:1990:AFL

[15] A. Hirani and V. S. Subrahmanian. Algebraic foundations of logic programming, I: the distributive lattice of logic programs. *Fundamenta In-*

formaticae, 13(3):317–332, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stachniak:1990:RDS

[16] Z. Stachniak and P. O'Hearn. Resolution in the domain of strongly finite logics. *Fundamenta Informaticae*, 13(3):333–351, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Darondeau:1990:IBI

[17] P. Darondeau and B. Gamatie. Infinitary behaviours and infinitary observations. *Fundamenta Informaticae*, 13(3):353–386, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Buning:1990:TAC

[18] H. Kleine Büning and U. Löwen. Towards average complexity of propositional binary. *Fundamenta Informaticae*, 13(3):387–399, September 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gelfond:1990:FIR

[19] Michael Gelfond and Halina Przymusinska. Formalization of inheritance reasoning in autoepistemic logic. *Fundamenta Informaticae*, 13(4):403–443, December 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Przymusinski:1990:WFS

[20] Teodor Przymusinski. Well-founded semantics coincides with three-valued stable semantics. *Fundamenta Informaticae*, 13(4):445–463, December 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Subrahmanian:1990:LFR

[21] V. S. Subrahmanian. Y-logic: a framework for reasoning about chameleonic programs with inconsistent completions. *Fundamenta Informaticae*, 13(4):465–483, December 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Zhang:1990:CES

[22] Aidong Zhang and Wiktor Marek. On the classification and existence of structures in default logic. *Fundamenta Informaticae*, 13(4):485–499, December 1990. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Keesmaat:1991:VCC

[23] N. W. Keesmaat, H. C. M. Kleijn, and G. Rozenberg. Vector controlled concurrent systems, Part II: comparisons. *Fundamenta Informaticae*, 14 (1):1–38, January 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Loogen:1991:MNC

[24] Rita Loogen and Ursula Goltz. Modelling nondeterministic concurrent processes with event structures. *Fundamenta Informaticae*, 14(1):39–74, January 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Wlaz:1991:UWS

[25] Pawel Wlaź. On uniqueness of the Wulff shape for cellular automata. *Fundamenta Informaticae*, 14(1):75–90, January 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stepaniuk:1991:AFM

[26] Jaroslaw Stepaniuk. Applications of finite models properties in approximation and algorithmic logics. *Fundamenta Informaticae*, 14(1):91–108, January 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Schettini:1991:CSU

[27] Andrea Maggiolo Schettini, G. Michele Pinna, and Józef Winkowski. A compositional semantics for unmarked predicate/transition nets. *Fundamenta Informaticae*, 14(1):109–128, January 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stachniak:1991:MRP

[28] Zbigniew Stachniak. Minimization of resolution proof systems. *Fundamenta Informaticae*, 14(1):129–146, January 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Vidyasankar:1991:UTD

[29] K. Vidyasankar. Unified theory of database serializability. *Fundamenta Informaticae*, 14(2):147–183, February 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Becker:1991:UTA

[30] Bernd Becker and Uwe Sparmann. A uniform test approach for RCC-adders. *Fundamenta Informaticae*, 14(2):185–219, February 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Darondeau:1991:ASA

[31] Philippe Darondeau and Pierpaolo Degano. About semantic action refinement. *Fundamenta Informaticae*, 14(2):221–234, February 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Koutny:1991:ASI

[32] Maciej Koutny. Axiom system induced by CTL* Logic. *Fundamenta Informaticae*, 14(2):235–253, February 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Makinen:1991:HCF

[33] Erkki Mäkinen. A hierarchy of context-free derivations. *Fundamenta Informaticae*, 14(2):255–259, February 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kroger:1991:TLR

[34] Fred Kröger and Stephan Merz. Temporal logic and recursion. *Fundamenta Informaticae*, 14(2):261–281, February 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Balanescu:1991:NPK

[35] Tudor Balanescu and Marian Gheorghe. A note on PF(k) — parsable languages. *Fundamenta Informaticae*, 14(3):283–286, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hoodgeboom:1991:DPE

[36] Hendrik Jan Hoodgeboom and Grzegorz Rozenberg. Diamond properties of elementary net systems. *Fundamenta Informaticae*, 14(3):287–300, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stoeva:1991:PFP

[37] Stefka P. Stoeva. On processing of fuzzy production systems. *Fundamenta Informaticae*, 14(3):301–312, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Barua:1991:GA

[38] Rana Barua. On generalized automata. *Fundamenta Informaticae*, 14 (3):313–322, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Baratella:1991:MCC

[39] Stefano Baratella. Models of Clark's completion for some classes of logic programs. *Fundamenta Informaticae*, 14(3):323–337, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Apt:1991:ACP

[40] Krzysztof R. Apt and Howard A. Blair. Arithmetic classification of perfect models of stratified programs. *Fundamenta Informaticae*, 14(3):339–343, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kaminski:1991:EDS

[41] Michael Kaminski. Embedding a default system into nonmonotonic logics. *Fundamenta Informaticae*, 14(3):345–353, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Truszczynski:1991:MNL

[42] Miroslaw Truszczynski. Modal nonmonotonic logic with restricted application of the negation as failure to prove rule. *Fundamenta Informaticae*, 14(3):355–366, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Jankowski:1991:CSB

[43] Andrzej Jankowski and Zbigniew Michalewicz. Closed sets of Boolean terms in relational databases. *Fundamenta Informaticae*, 14(3):367–385, March 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dubois:1991:TPL

[44] Didier Dubois, Jérǒme Lang, and Henri Prade. Timed possibilistic logic. *Fundamenta Informaticae*, 15(3–4):211–234, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fitting:1991:MVM

[45] Melvin C. Fitting. Many-valued modal logics. *Fundamenta Informaticae*, 15(3–4):235–254, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Parikh:1991:MNM

[46] Rohit Parikh. Monotonic and non-monotonic logics of knowledge. *Fundamenta Informaticae*, 15(3–4):255–274, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Konolige:1991:QAL

[47] Kurt Konolige. Quantification in autoepistemic logic. *Fundamenta Informaticae*, 15(3–4):275–300, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Horty:1991:CAI

[48] John F. Horty and Richmond H. Thomason. Conditionals and artificial intelligence. *Fundamenta Informaticae*, 15(3–4):301–323, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kraus:1991:RAI

[49] Sarit Kraus, Donald Perlis, and John Horty. Reasoning about ignorance: a note on the Bush–Gorbachev problem. *Fundamenta Informaticae*, 15(3–4):325–332, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Maida:1991:SAI

[50] Anthony S. Maida, Jacques Wainer, and Sehyeong Cho. A syntactic approach to introspection and reasoning about the beliefs of other agents. *Fundamenta Informaticae*, 15(3–4):333–356, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Huynh:1991:PTR

[51] Tien Huynh, Leo Joskowicz, Catherine Lassez, and Jean-Louis Lassez. Practical tools for reasoning about linear constraints. *Fundamenta Informaticae*, 15(3–4):357–380, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ras:1991:QPD

[52] Zbigniew W. Ras. Query processing in distributed information systems. *Fundamenta Informaticae*, 15(3–4):381–397, November/December 1991. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rutten:1992:SAF

[53] J. J. M. M. Rutten and J. I. Zucker. A semantic approach to fairness. *Fundamenta Informaticae*, 16(1):1–38, January 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Leischner:1992:CTP

[54] Martin Leischner. On the compactness theorem of propositional temporal logics. *Fundamenta Informaticae*, 16(1):39–57, January 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gelfond:1992:CCA

[55] Michael Gelfond and Halina Przymusinska. On consistency and completeness of autoepistemic theories. *Fundamenta Informaticae*, 16(1):59–92, January 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Makinen:1992:GCC

[56] Erkki Mäkinen. On the generative capacity of context-free matrix grammars over one-letter alphabet. *Fundamenta Informaticae*, 16(1):93–97, January 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Astesiano:1992:PHO

[57] Egidio Astesiano and Maura Cerioli. Partial higher-order specifications. *Fundamenta Informaticae*, 16(2):101–126, February 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hilken:1992:TCS

[58] Barney P. Hilken and David E. Rydeheard. Towards a categorical semantics of type classes. *Fundamenta Informaticae*, 16(2):127–147, February 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Egidi:1992:ODL

[59] Lavinia Egidi, Furio Honsell, and Simona Ronchi Della Rocca. Operational, denotational and logical descriptions: a case study. *Fundamenta Informaticae*, 16(2):149–169, February 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Montanari:1992:DCV

[60] Ugo Montanari and Vladimiro Sassone. Dynamic congruence vs. progressing bisimulation for CCS. *Fundamenta Informaticae*, 16(2):171–199,

February 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Broy:1992:ODS

[61] Manfred Broy. Operational and denotational semantics with explicit concurrency. *Fundamenta Informaticae*, 16(3–4):201–229, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Balbiani:1992:MSN

[62] Philippe Balbiani. A modal semantics of negation in logic programming. *Fundamenta Informaticae*, 16(3–4):231–262, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Novotny:1992:NAA

[63] Jiří Novotný and Miroslav Novotný. Notes on the algebraic approach to dependence in information systems. *Fundamenta Informaticae*, 16(3–4):263–273, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Novotny:1992:PCD

[64] Miroslav Novotný and Zdzisław Pawlak. On a problem concerning dependence spaces. *Fundamenta Informaticae*, 16(3–4):275–287, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gorrieri:1992:HSD

[65] Roberto Gorrieri. A hierarchy of system descriptions via atomic linear refinement. *Fundamenta Informaticae*, 16(3–4):289–336, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Paun:1992:FRR

[66] Gheorghe Paun, Miklos Szijarto, and Sorina Vicolov. Further remarks on reduced languages. *Fundamenta Informaticae*, 16(3–4):337–347, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ehrenfeucht:1992:RPB

[67] Andrzej Ehrenfeucht and Marek W. Zawadowski. A representation of partial Boolean algebras. *Fundamenta Informaticae*, 16(3–4):349–353, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gasarch:1992:LPE

[68] William I. Gasarch, Ramesh K. Sitaraman, Carl H. Smith, and Mahendran Velauthapillai. Learning programs with an easy to calculate set of

errors. *Fundamenta Informaticae*, 16(3–4):355–370, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rauszer:1992:LIS

[69] Cecylia M. Rauszer. Logic for information systems. *Fundamenta Informaticae*, 16(3–4):371–382, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Vakarelov:1992:IML

[70] Dimiter Vakarelov. Inductive modal logics. *Fundamenta Informaticae*, 16 (3–4):383–405, March 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Boutilier:1992:EEA

[71] Craig Boutilier. Epistemic entrenchment in autoepistemic logic. *Fundamenta Informaticae*, 17(1–2):5–29, September/October 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Eiter:1992:RPM

[72] Thomas Eiter and Georg Gottlob. Reasoning with parsimonious and moderately grounded expansions. *Fundamenta Informaticae*, 17(1–2):31–53, September/October 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fitting:1992:MVM

[73] Melvin Fitting. Many-valued modal logics II. *Fundamenta Informaticae*, 17(1–2):55–73, September/October 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Lakemeyer:1992:PIQ

[74] Gerhard Lakemeyer. On perfect introspection with quantifying-in. *Fundamenta Informaticae*, 17(1–2):75–98, September/October 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marek:1992:MMA

[75] V. Wiktor Marek and Mirosław Truszczyński. More on modal aspects of default logic. *Fundamenta Informaticae*, 17(1–2):99–116, September/October 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Niemela:1992:DCA

[76] Ilkka N. F. Niemelä. On the decidability and complexity of autoepistemic reasoning. *Fundamenta Informaticae*, 17(1–2):117–155, September/

October 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Schwarz:1992:RAL

[77] Grigori Schwarz. Reflexive autoepistemic logic. *Fundamenta Informaticae*, 17(1–2):157–173, September/October 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

vanBenthem:1992:LP

[78] Johan van Benthem. Logic as programming. *Fundamenta Informaticae*, 17 (4):285–317, December 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Aceto:1992:HPC

[79] Luca Aceto. History preserving, causal and mixed-ordering equivalence over stable event structures (note). *Fundamenta Informaticae*, 17(4):319–331, December 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Akdag:1992:QTU

[80] Herman Akdag, Michel De Glas, and Daniel Pacholczyk. A qualitative theory of uncertainty. *Fundamenta Informaticae*, 17(4):333–362, December 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Makinen:1992:GID

[81] Erkki Mäkinen. On grammatical inference and derivational complexity of context-free grammars. *Fundamenta Informaticae*, 17(4):363–368, December 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Aceto:1992:RDT

[82] Luca Aceto. Relating distributed, temporal and causal observations of simple processes. *Fundamenta Informaticae*, 17(4):369–397, December 1992. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Breazu-Tannen:1993:CET

[83] Val Breazu-Tannen and Albert R. Meyer. Conservativity of equational theories in typed lambda calculi. *Fundamenta Informaticae*, 19(1–2):1–49, September/October 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Curien:1993:SI

[84] P.-L. Curien. Substitution up to isomorphism. *Fundamenta Informaticae*, 19(1–2):51–85, September/October 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Giannini:1993:TIS

[85] Paola Giannini, Furio Honsell, and Simona Ronchi Della Rocca. Type inference: some results, some problems. *Fundamenta Informaticae*, 19(1–2):87–125, September/October 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Jategaonkar:1993:TIE

[86] Lalita A. Jategaonkar and John C. Mitchell. Type inference with extended pattern matching and subtypes. *Fundamenta Informaticae*, 19 (1–2):127–165, September/October 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Leivant:1993:LCC

[87] Daniel Leivant and Jean-Yves Marion. Lambda calculus characterizations of poly-time. *Fundamenta Informaticae*, 19(1–2):167–184, September/October 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pfenning:1993:UPP

[88] Frank Pfenning. On the undecidability of partial polymorphic type reconstruction. *Fundamenta Informaticae*, 19(1–2):185–199, September/October 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Urzyczyn:1993:PRE

[89] Pawel Urzyczyn. Primitive recursion with existential types. *Fundamenta Informaticae*, 19(1–2):201–222, September/October 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Sakai:1993:FLP

[90] Hiroshi Sakai. On a framework for logic programming with incomplete information. *Fundamenta Informaticae*, 19(3–4):223–234, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rauszer:1993:DRD

[91] Cecylia M. Rauszer. Dependencies in relational databases algebraic and logical approach. *Fundamenta Informaticae*, 19(3–4):235–274, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Biela:1993:RSD

[92] Andrzej Biela. Retrieval system and dynamic algorithm looking for axioms of notions defined by programs. *Fundamenta Informaticae*, 19(3–4):275–301, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Levene:1993:FPN

[93] Mark Levene and George Loizou. A fully precise null extended nested relational algebra. *Fundamenta Informaticae*, 19(3–4):303–342, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Novotny:1993:DWC

[94] Jiři Novotný and Miroslav Novotný. On dependence in Wille's contexts. *Fundamenta Informaticae*, 19(3–4):343–353, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kari:1993:DS

[95] Lila Kari, Alexandru Mateescu, Arto Salomaa, and Gheorghe Păun. Deletion sets. *Fundamenta Informaticae*, 19(3–4):355–370, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marongiu:1993:UFT

[96] Gabriele Marongiu and Sauro Tulipani. Undecidable fragments of term algebras with subterm relation. *Fundamenta Informaticae*, 19(3–4):371–382, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Amir:1993:SP

[97] Amihood Amir and Carl H. Smith. The syntax of parallelism. *Fundamenta Informaticae*, 19(3–4):383–402, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Murphy:1993:TDN

[98] David Murphy. Time and duration in noninterleaving concurrency. *Fundamenta Informaticae*, 19(3–4):403–416, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Danko:1993:SPA

[99] Wiktor Dańko. The set of probabilistic algorithmic formulas valid in a finite structure is decidable with respect to its diagram. *Fundamenta Informaticae*, 19(3–4):417–431, November/December 1993. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rasiowa:1994:P

[100] Helena Rasiowa. Preface. *Fundamenta Informaticae*, 20(1–3):1–2, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

deBakker:1994:BSC

[101] J. W. de Bakker and E. P. de Vink. Bisimulation semantics for concurrency with atomicity and action refinement. *Fundamenta Informaticae*, 20(1–3):3–34, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Doyle:1994:RAR

[102] Jon Doyle. Reasoned assumptions and rational psychology. *Fundamenta Informaticae*, 20(1–3):35–73, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ehrenfeucht:1994:SS

[103] A. Ehrenfeucht and G. Rozenberg. Square systems. *Fundamenta Informaticae*, 20(1–3):75–111, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fitting:1994:KTV

[104] Melvin Fitting. Kleene's three valued logics and their children. *Fundamenta Informaticae*, 20(1–3):113–131, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Harju:1994:RPS

[105] T. Harju and G. Rozenberg. Reductions for primitive 2-structures. *Fundamenta Informaticae*, 20(1–3):133–144, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Minker:1994:SDL

[106] Jack Minker and Carolina Ruiz. Semantics for disjunctive logic programs with explicit and default negation. *Fundamenta Informaticae*, 20(1–3): 145–192, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Montanari:1994:CCP

[107] Ugo Montanari and Daniel Yankelevich. Combining CCS and Petri nets via structural axioms. *Fundamenta Informaticae*, 20(1–3):193–229, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Trakhtenbrot:1994:CPN

[108] B. A. Trakhtenbrot. Compositional proofs for networks of processes. *Fundamenta Informaticae*, 20(1–3):231–275, March/April/May 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Tendera:1994:NAP

[109] Lidia Tendera. A note on asymptotic probabilities of existential second-order minimal classes — the last step. *Fundamenta Informaticae*, 20(4): 277–285, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Noll:1994:TPS

[110] Thomas Noll and Heiko Vogler. Top-down parsing with simultaneous evaluation of noncircular attribute grammars. *Fundamenta Informaticae*, 20 (4):285–332, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Laneve:1994:DEC

[111] Cosimo Laneve. Distributive evaluations of λ-calculus. *Fundamenta Informaticae*, 20(4):333–352, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Baaz:1994:SPC

[112] Matthias Baaz and Alexander Leitsch. On Skolemization and proof complexity. *Fundamenta Informaticae*, 20(4):353–379, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skandalis:1994:CIS

[113] Kostas Skandalis. On the characterization of input sets as output sets. *Fundamenta Informaticae*, 20(4):381–392, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Etherington:1994:ISI

[114] David Etherington, Henry Kautz, and Kurt Konolige. Introduction to the special issue. *Fundamenta Informaticae*, 21(1–2):1–5, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stalnaker:1994:WNC

[115] Robert Stalnaker. What is a nonmonotonic consequence relation? *Fundamenta Informaticae*, 21(1–2):7–21, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Boddy:1994:CEM

[116] Mark Boddy, Robert P. Goldman, Keiji Kanazawa, and Lynn Andrea Stein. A critical examination of model preference defaults. *Fundamenta Informaticae*, 21(1–2):23–38, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Besnard:1994:PWS

[117] Philippe Besnard and Torsten Schaub. Possible worlds semantics for default logics. *Fundamenta Informaticae*, 21(1–2):39–66, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Przymusinska:1994:SDE

[118] Halina Przymusinska and Teodor Przymusinski. Stationary default extensions. *Fundamenta Informaticae*, 21(1–2):67–87, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Schwind:1994:MLH

[119] Camilla Schwind and Pierre Siegel. A modal logic for hypothesis theory. *Fundamenta Informaticae*, 21(1–2):89–101, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Cadoli:1994:AID

[120] Marco Cadoli and Marco Schaerf. Approximate inference in default logic and circumscription. *Fundamenta Informaticae*, 21(1–2):103–112, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bertossi:1994:CGM

[121] Leopoldo E. Bertossi and Raymond Reiter. Circumscription and generic mathematical objects. *Fundamenta Informaticae*, 21(1–2):113–123, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

McCarty:1994:DDR

[122] L. Thorne McCarty. Defeasible Deontic reasoning. *Fundamenta Informaticae*, 21(1–2):125–148, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ginsberg:1994:WDC

[123] Matthew L. Ginsberg and Hugh W. Holbrook. What defaults can do that hierarchies can't. *Fundamenta Informaticae*, 21(1–2):149–159, April 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Komorowski:1994:GEP

[124] J. Komorowski and Z. W. Ras. Guest Editor's preface — selected papers from the ISMIS'93 Symposium. *Fundamenta Informaticae*, 21(3):161–162, August 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Robertson:1994:EPR

[125] Dave Robertson, Jaume Agustí, Jane Hesketh, and Jordi Levy. Expressing program requirements using refinement lattices. *Fundamenta Informaticae*, 21(3):163–182, August 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Leone:1994:MIL

[126] Nicola Leone, Luigi Palopoli, and Massimo Romeo. Modifying intensional logic knowledge. *Fundamenta Informaticae*, 21(3):183–203, August 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Chen:1994:LOK

[127] Jianhua Chen. The logic of only knowing as a unified framework for non-monotonic reasoning. *Fundamenta Informaticae*, 21(3):205–220, August 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Chu:1994:MFS

[128] Heng Chu and David A. Plaisted. Model finding in semantically guided instance-based theorem proving. *Fundamenta Informaticae*, 21(3):221–235, August 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Murray:1994:ACI

[129] Neil V. Murray and Erik Rosenthal. Adapting classical inference techniques to multiple-valued logics using signed formulas. *Fundamenta Informaticae*, 21(3):237–253, August 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Anonymous:1994:O

[130] Anonymous. Obituary. *Fundamenta Informaticae*, 21(4):255–256, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moser:1994:CSA

[131] L. E. Moser, P. M. Melliar-Smith, G. Kutty, and Y. S. Ramakrishna. Completeness and soundness of axiomatizations for temporal logics without next. *Fundamenta Informaticae*, 21(4):257–305, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Baral:1994:VSF

[132] Chitta Baral. Varying selection functions to relate conditional logics and preferential models. *Fundamenta Informaticae*, 21(4):307–319, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Duntsch:1994:RRA

[133] Ivo Düntsch. Rough relation algebras. *Fundamenta Informaticae*, 21(4): 321–331, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Cholak:1994:CLS

[134] Peter Cholak and Howard A. Blair. The complexity of local stratification. *Fundamenta Informaticae*, 21(4):333–344, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hungar:1994:ESS

[135] Hardi Hungar. Expressibility of the semantics of sequential programs in first-order logic. *Fundamenta Informaticae*, 21(4):345–365, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bozapalidis:1994:RTS

[136] Symeon Bozapalidis. Representable tree series. *Fundamenta Informaticae*, 21(4):367–389, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moshkov:1994:OPD

[137] Mikhail Moshkov. Optimization problems for decision trees. *Fundamenta Informaticae*, 21(4):391–401, December 1994. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Revesz:1995:GEN

[138] György E. Révész. Guest Editor's note. *Fundamenta Informaticae*, 22(1–2):1–2, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Asperti:1995:LLC

[139] Andrea Asperti. Linear logic, comonads and optimal reductions. *Fundamenta Informaticae*, 22(1–2):3–22, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hofmann:1995:ACH

[140] K. H. Hofmann and M. W. Mislove. All compact Hausdorff lambda models are degenerate. *Fundamenta Informaticae*, 22(1–2):23–52, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Lambek:1995:CEC

[141] J. Lambek. Cut elimination for classical bilinear logic. *Fundamenta Informaticae*, 22(1–2):53–67, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Longo:1995:PTD

[142] Giuseppe Longo. Parametric and type-dependent polymorphism. *Fundamenta Informaticae*, 22(1–2):69–92, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mislove:1995:ABC

[143] Michael W. Mislove and Frank J. Oles. Adjunctions between categories of domains. *Fundamenta Informaticae*, 22(1–2):93–116, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moggi:1995:SEL

[144] Eugenio Moggi. A semantics for evaluation logic. *Fundamenta Informaticae*, 22(1–2):117–152, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Revesz:1995:CCE

[145] György E. Révész. Categorical combinators with explicit products. *Fundamenta Informaticae*, 22(1–2):153–166, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stark:1995:ADN

[146] Eugene W. Stark. An algebra of dataflow networks. *Fundamenta Informaticae*, 22(1–2):167–185, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Wagner:1995:FPS

[147] Eric G. Wagner, Wafaa Khalil, and R. F. C. Walters. Fix-point semantics for programs in distributive categories. *Fundamenta Informaticae*, 22(1–2):187–202, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moshkov:1995:ADD

[148] Mikhail Moshkov. About the depth of decision trees computing Boolean functions. *Fundamenta Informaticae*, 22(3):203–215, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dassow:1995:GCC

[149] Jürgen Dassow, Gheorghe Păun, and Sorina Vicolov. On the generative capacity of certain classes of cooperating grammar systems. *Fundamenta Informaticae*, 22(3):217–226, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dix:1995:CTSa

[150] Jürgen Dix. A classification theory of semantics of normal logic programs: I. Strong properties. *Fundamenta Informaticae*, 22(3):227–255, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dix:1995:CTSb

[151] Jürgen Dix. A classification theory of semantics of normal logic programs: II. Weak properties. *Fundamenta Informaticae*, 22(3):257–288, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kolpakov:1995:CGR

[152] Roman M. Kolpakov. On the complexity of generation of rational numbers by Boolean functions. *Fundamenta Informaticae*, 22(3):289–298, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Degano:1995:FP

[153] Pierpaolo Degano and Leonarda Raffoni. Fairness and priority. *Fundamenta Informaticae*, 22(3):299–306, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Edelsbrunner:1995:P

[154] Herbert Edelsbrunner and Jerzy W. Jaromczyk. Preface. *Fundamenta Informaticae*, 22(4):307, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Eppstein:1995:DLT

[155] David Eppstein, Gary L. Miller, and Shang-Hua Teng. A deterministic linear time algorithm for geometric separators and its applications. *Fundamenta Informaticae*, 22(4):309–329, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Icking:1995:CDF

[156] Christian Icking, Rolf Klein, Ngoc-Minh Lé, and Lihong Ma. Convex distance functions in 3-space are different. *Fundamenta Informaticae*, 22 (4):331–352, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kirkpatrick:1995:TPS

[157] David Kirkpatrick and Jack Snoeyink. Tentative prune-and-search for computing fixed-points with applications to geometric computation. *Fundamenta Informaticae*, 22(4):353–370, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bern:1995:CT

[158] Marshall Bern. Compatible tetrahedralizations. *Fundamenta Informaticae*, 22(4):371–384, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Alon:1995:LNC

[159] Noga Alon, Sridhar Rajagopalan, and Subhash Suri. Long non-crossing configurations in the plane. *Fundamenta Informaticae*, 22(4):385–394, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ehrenfeucht:1995:GCT

[160] Andrzej Ehrenfeucht, Joost Engelfriet, Paulien ten Pas, and Grzegorz Rozenberg. Grammatical codes of trees and terminally coded grammars.

Fundamenta Informaticae, 23(1):1–32, January 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Meyer:1995:DLB

[161] J.-J. Ch. Meyer and W. van der Hoek. A default logic based on epistemic states. *Fundamenta Informaticae*, 23(1):33–65, January 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gasarch:1995:LQT

[162] William I. Gasarch, Efim B. Kinber, Mark G. Pleszkoch, Carl H. Smith, and Thomas Zeugmann. Learning via queries with teams and anomalies. *Fundamenta Informaticae*, 23(1):67–89, January 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stewart:1995:RSC

[163] Iain A. Stewart. Reachability in some classes of acyclic Petri nets. *Fundamenta Informaticae*, 23(1):91–100, January 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

deKogel:1995:RAE

[164] Eric de Kogel. Relational algebra and equational proofs. *Fundamenta Informaticae*, 23(1):101–121, January 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Cadoli:1995:AID

[165] Marco Cadoli and Marco Schaerf. Approximate inference in default logic and circumscription. *Fundamenta Informaticae*, 23(1):123–143, January 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Perlis:1995:PCT

[166] Don Perlis. Papers on context: Theory and practice. *Fundamenta Informaticae*, 23(2–4):145–148, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Attardi:1995:FV

[167] Guiseppe Attardi and Maria Simi. A formalization of viewpoints. *Fundamenta Informaticae*, 23(2–4):149–173, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Besnard:1995:ACB

[168] Philippe Besnard and Torsten Schaub. An approach to context-based default reasoning. *Fundamenta Informaticae*, 23(2–4):175–223, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bhatnagar:1995:CHU

[169] Raj Bhatnagar. Context hypothesization using probabilistic knowledge. *Fundamenta Informaticae*, 23(2–4):225–246, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bouquet:1995:RAT

[170] Paolo Bouquet and Fausto Giunchiglia. Reasoning about theory adequacy. a new solution to the qualification problem. *Fundamenta Informaticae*, 23 (2–4):247–262, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Buvac:1995:MC

[171] Saša Buvač, Vanja Buvač, and Ian A. Mason. Metamathematics of contexts. *Fundamenta Informaticae*, 23(2–4):263–301, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Harper:1995:MMK

[172] Mary P. Harper and Randall A. Helzerman. Managing multiple knowledge sources in constraint-based parsing of spoken language. *Fundamenta Informaticae*, 23(2–4):303–353, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Miller:1995:CSC

[173] Michael Miller. Context shifts and clashes in dialogues: an active logic perspective. *Fundamenta Informaticae*, 23(2–4):355–370, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Nirkhe:1995:FRT

[174] Madhura Nirkhe and Sarit Kraus. Formal real-time imagination. *Fundamenta Informaticae*, 23(2–4):371–394, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Plaisted:1995:EP

[175] David A. Plaisted. Editor's preface. *Fundamenta Informaticae*, 24(1–2): 1–2, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gramlich:1995:ARB

[176] Bernhard Gramlich. Abstract relations between restricted termination and confluence properties of rewrite systems. *Fundamenta Informaticae*, 24(1–2):3–23, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Martin:1995:DOS

[177] Ursula Martin. On the diversity of orderings on strings. *Fundamenta Informaticae*, 24(1–2):25–46, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Steinbach:1995:SOH

[178] Joachim Steinbach. Simplification orderings: History of results. *Fundamenta Informaticae*, 24(1–2):47–87, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Zantema:1995:TTR

[179] H. Zantema. Termination of term rewriting by semantic labelling. *Fundamenta Informaticae*, 24(1–2):89–105, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Zhang:1995:CRA

[180] Hantao Zhang. Contextual rewriting in automated reasoning. *Fundamenta Informaticae*, 24(1–2):107–123, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bockmayr:1995:NSA

[181] Alexander Bockmayr, Stefan Krischer, and Andreas Werner. Narrowing strategies for arbitrary canonical rewrite systems. *Fundamenta Informaticae*, 24(1–2):125–155, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gilleron:1995:RTL

[182] Rémy Gilleron and Sophie Tison. Regular tree languages and rewrite systems. *Fundamenta Informaticae*, 24(1–2):157–175, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bonacina:1995:CDM

[183] Maria Paola Bonacina and Jieh Hsiang. The clause-diffusion methodology for distributed deduction. *Fundamenta Informaticae*, 24(1–2):177–207, April 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Jacobs:1995:PPS

[184] Bart Jacobs. Parameters and parametrization in specification, using distributive categories. *Fundamenta Informaticae*, 24(3):209–250, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mitrana:1995:SGS

[185] Victor Mitrana. Similarity in grammar systems. *Fundamenta Informaticae*, 24(3):251–257, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Heckmann:1995:LBD

[186] Reinhold Heckmann. Lower bag domains. *Fundamenta Informaticae*, 24 (3):259–281, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gabarro:1995:RPL

[187] J. Gabarró and M. J. Serna. Rational processes and linear systems in GSP. *Fundamenta Informaticae*, 24(3):283–302, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Felea:1995:FCI

[188] Victor Felea. On the family of conditional implicational dependencies. *Fundamenta Informaticae*, 24(3):303–312, August 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kutty:1995:AIL

[189] G. Kutty, L. E. Moser, P. M. Melliar-Smith, Y. S. Ramakrishna, and L. K. Dillon. Axiomatizations of interval logics. *Fundamenta Informaticae*, 24 (4):313–331, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Magott:1995:PES

[190] Jan Magott. Performance evaluation of systems defined in specification language Estelle. *Fundamenta Informaticae*, 24(4):333–357, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Seda:1995:TSL

[191] Anthony Karel Seda. Topology and the semantics of logic programs. *Fundamenta Informaticae*, 24(4):359–386, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ramakrishna:1995:SPL

[192] Y. S. Ramakrishna. On the satisfiability problem for Lamport's propositional temporal logic of actions and some of its extensions. *Fundamenta Informaticae*, 24(4):387–405, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gasquet:1995:NIR

[193] Olivier Gasquet. A new incompleteness result in Kripke semantics. *Fundamenta Informaticae*, 24(4):407–415, December 1995. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bethke:1996:ECI

[194] Inge Bethke and Piet Rodenburg. Equational constructor induction. *Fundamenta Informaticae*, 25(1):1–15, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fernau:1996:GLF

[195] Henning Fernau. On grammar and language families. *Fundamenta Informaticae*, 25(1):17–34, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bondarenko:1996:APC

[196] V. A. Bondarenko and S. V. Yurov. About a polyhedron of cubic graphs. *Fundamenta Informaticae*, 25(1):35–38, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bujosa:1996:SED

[197] Andrés Bujosa and Regino Criado. Syntactic elements of declarative programming: Symbolic linear equations. *Fundamenta Informaticae*, 25(1): 39–48, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Narendran:1996:UMA

[198] Paliath Narendran. Unification modulo ACI + 1 + 0. *Fundamenta Informaticae*, 25(1):49–57, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kaufmann:1996:QNU

[199] Susanne Kaufmann and Martin Kummer. On a quantitative notion of uniformity. *Fundamenta Informaticae*, 25(1):59–78, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Korczynsky:1996:NC

[200] Waldemar Korczyński. On a notion of concurrence. *Fundamenta Informaticae*, 25(1):79–98, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

DeLaHiguera:1996:STS

[201] Colin De La Higuera and Marie-Catherine Daniel-Vatonne. On sets of terms: a study of a generalisation relation and of its algorithmic properties. *Fundamenta Informaticae*, 25(2):99–121, February 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stephens:1996:CST

[202] R. Stephens and B. C. Thompson. Cartesian stream transformer composition. *Fundamenta Informaticae*, 25(2):123–174, February 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Makinen:1996:NGI

[203] Erkki Mäkinen. A note on the grammatical inference problem for even linear languages. *Fundamenta Informaticae*, 25(2):175–181, February 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Penczek:1996:ATL

[204] Wojciech Penczek. Axiomatizations of temporal logics on trace systems. *Fundamenta Informaticae*, 25(2):183–200, February 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moshkov:1996:CAD

[205] Mikhail Moshkov. Comparitive analysis of deterministic and nondeterministic decision tree complexity. Global approach. *Fundamenta Informaticae*, 25(2):201–214, February 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rozenberg:1996:P

[206] Grzegorz Rozenberg and Arto Salomaa. Preface. *Fundamenta Informaticae*, 25(3–4):215, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Berstel:1996:TAT

[207] J. Berstel and L. Boasson. Towards an algebraic theory of context-free languages. *Fundamenta Informaticae*, 25(3–4):217–239, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Diekert:1996:NMC

[208] Volkert Diekert and Anca Muscholl. A note on Métivier's construction of asynchronous automata for triangulated graphs. *Fundamenta Informaticae*, 25(3–4):241–246, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gecseg:1996:DA

[209] F. Gécseg and H. Jürgensen. Dependence in algebras. *Fundamenta Informaticae*, 25(3–4):247–256, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Honkala:1996:PSG

[210] Juha Honkala and Werner Kuich. On a power series generalization of ETOL languages. *Fundamenta Informaticae*, 25(3–4):257–270, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hromkovic:1996:TLB

[211] Juraj Hromkovič, Jarkko Kari, Lila Kari, and Dana Pardubská. Two lower bounds on distributive generation of languages. *Fundamenta Informaticae*, 25(3–4):271–284, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Derencourt:1996:CPW

[212] D. Derencourt, J. Karhumäki, M. Latteux, and A. Terlutte. On computational power of weighted finite automata. *Fundamenta Informaticae*, 25 (3–4):285–293, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Drewes:1996:DGP

[213] F. Drewes and H.-J. Kreowski. (un-)decidability of geometric properties of pictures generated by collage grammars. *Fundamenta Informaticae*, 25 (3–4):295–325, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Lange:1996:CSF

[214] Klaus-Jörn Lange. Complexity and structure in formal language theory. *Fundamenta Informaticae*, 25(3–4):327–352, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hoogeboom:1996:TLA

[215] Hendrik Jan Hoogeboom and Paulienten Pas. Text languages in an algebraic framework. *Fundamenta Informaticae*, 25(3–4):353–380, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Paun:1996:CGP

[216] Gheorghe Păun, Grzegorz Rozenberg, and Arto Salomaa. Contextual grammars: Parallelism and blocking of derivation. *Fundamenta Informat-*

icae, 25(3–4):381–397, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Giammarresi:1996:TDF

[217] Dora Giammarresi and Antonio Restivo. Two-dimensional finite state recognizability. *Fundamenta Informaticae*, 25(3–4):399–422, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Guo:1996:SL

[218] L. Guo, K. Salomaa, and S. Yu. On synchronization languages. *Fundamenta Informaticae*, 25(3–4):423–436, March 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Biswas:1996:VFS

[219] Ranjit Biswas. On I–V fuzzy subgroups. *Fundamenta Informaticae*, 26 (1):1–9, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Menezes:1996:SPN

[220] P. Blauth Menezes and J. Félix Costa. Synchronization in Petri nets. *Fundamenta Informaticae*, 26(1):11–22, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Spilker:1996:SUR

[221] Heike Spilker and Dietmar Wätjen. Some undecidability results concerning k-limited $0L$ systems. *Fundamenta Informaticae*, 26(1):23–30, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rishe:1996:UMN

[222] Naphtali Rishe. A universal model for non-procedural database languages. *Fundamenta Informaticae*, 26(1):31–57, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Boldi:1996:MCA

[223] Paolo Boldi. Maximal chains and antichains in strongly Noetherian semiorders. *Fundamenta Informaticae*, 26(1):59–80, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Szalas:1996:NDF

[224] Andrzej Szalas. On natural deduction in first-order fixpoint logics. *Fundamenta Informaticae*, 26(1):81–94, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hirshfeld:1996:ULE

[225] Yoram Hirshfeld. Undecidability of language equivalence for generalized regular expressions. *Fundamenta Informaticae*, 26(1):95–102, January 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fokkink:1996:CAP

[226] Wan Fokkink. A complete axiomatization for prefix iteration in branching bisimulation. *Fundamenta Informaticae*, 26(2):103–113, May 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fu:1996:RMG

[227] Yuxi Fu. Recursive models of general inductive types. *Fundamenta Informaticae*, 26(2):115–131, May 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Knijnenburg:1996:NSP

[228] Peter M. W. Knijnenburg. A note on the Smyth powerdomain construction. *Fundamenta Informaticae*, 26(2):133–139, May 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

vanBakel:1996:RIT

[229] Steffen van Bakel. Rank 2 intersection type assignment in term rewriting systems. *Fundamenta Informaticae*, 26(2):141–166, May 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Konikowska:1996:MAM

[230] Beata Konikowska. McCarthy algebras: a model of McCarthy's logical calculus. *Fundamenta Informaticae*, 26(2):167–203, May 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Engels:1996:P

[231] G. Engels, H. Ehrig, and G. Rozenberg. Preface. *Fundamenta Informaticae*, 26(3–4):205, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ariola:1996:ETG

[232] Zena M. Ariola and Jan Willem Klop. Equational term graph rewriting. *Fundamenta Informaticae*, 26(3–4):207–240, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Corradini:1996:GP

[233] A. Corradini, U. Montanari, and F. Rossi. Graph processes. *Fundamenta Informaticae*, 26(3–4):241–265, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Drewes:1996:LBG

[234] Frank Drewes. A lower bound on the growth of functions computed by tree transducers. *Fundamenta Informaticae*, 26(3–4):267–285, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Habel:1996:GGN

[235] Annegret Habel, Reiko Heckel, and Gabriele Taentzer. Graph grammars with negative application conditions. *Fundamenta Informaticae*, 26(3–4): 287–313, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Janssens:1996:ASE

[236] D. Janssens and T. Mens. Abstract semantics for ESM systems. *Fundamenta Informaticae*, 26(3–4):315–339, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mosbah:1996:PGG

[237] Mohamed Mosbah. Probabilistic graph grammars. *Fundamenta Informaticae*, 26(3–4):341–362, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Schurr:1996:LBP

[238] Andy Schürr. Logic based programmed structure rewriting systems. *Fundamenta Informaticae*, 26(3–4):363–385, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Taentzer:1996:TSA

[239] Gabriele Taentzer. Towards synchronous and asynchronous graph transformations. *Fundamenta Informaticae*, 26(3–4):387–406, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Wagner:1996:DOB

[240] Annika Wagner and Martin Gogolla. Defining operational behavior of object specifications by attributed graph transformations. *Fundamenta Informaticae*, 26(3–4):407–431, June 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Sopena:1996:EGR

[241] Eric Sopena. Expanding graph relabeling systems have the power of recursive enumerability. *Fundamenta Informaticae*, 27(1):1–25, July 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

LaTorre:1996:PWS

[242] Salvatore La Torre, Margherita Napoli, and Domenico Parente. Parallel word substitution. *Fundamenta Informaticae*, 27(1):27–36, July 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bergstra:1996:PME

[243] J. A. Bergstra and Gh. Ştefănescu. Processes with multiple entries and exits modulo isomorphism and modulo bisimulation. *Fundamenta Informaticae*, 27(1):37–56, July 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Liau:1996:AFR

[244] Churn-Jung Liau. An algebraic formalization of the relationship between evidential structures and data tables. *Fundamenta Informaticae*, 27(1): 57–76, July 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marcus:1996:SSD

[245] Leo Marcus. Syntactic and semantic dependence of array-arithmetic sentences, with an application to program verification. *Fundamenta Informaticae*, 27(1):77–100, July 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skowron:1996:P

[246] Andrzej Skowron and Wojciech Ziarko. Preface. *Fundamenta Informaticae*, 27(2–3):101–102, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pawlak:1996:RSR

[247] Zdzislaw Pawlak. Rough sets, rough relations and rough functions. *Fundamenta Informaticae*, 27(2–3):103–108, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bryniarski:1996:FCR

[248] Edward Bryniarski. Formal conception of rough sets. *Fundamenta Informaticae*, 27(2–3):109–136, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Lin:1996:FOR

[249] T. Y. Lin and Qing Liu. First-order rough logic I: Approximate reasoning via rough sets. *Fundamenta Informaticae*, 27(2–3):137–153, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Katzberg:1996:VPE

[250] Jack David Katzberg and Wojciech Ziarko. Variable precision extension of rough sets. *Fundamenta Informaticae*, 27(2–3):155–168, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kent:1996:RCA

[251] Robert E. Kent. Rough concept analysis: a synthesis of rough sets and formal concept analysis. *Fundamenta Informaticae*, 27(2–3):169–181, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kryszkiewicz:1996:CRC

[252] Marzena Kryszkiewicz and Henryk Rybinski. Computation of reducts of composed information systems. *Fundamenta Informaticae*, 27(2–3):183–195, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moshkov:1996:SBM

[253] Mikhail Moshkov. Some bounds on minimal decision tree depth. *Fundamenta Informaticae*, 27(2–3):197–203, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pagliani:1996:RSN

[254] Piero Pagliani. Rough sets and Nelson algebras. *Fundamenta Informaticae*, 27(2–3):205–219, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pomykala:1996:NCI

[255] Janusz Pomykala and Erik De Haas. A note on categories of information systems. *Fundamenta Informaticae*, 27(2–3):221–227, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Slowinski:1996:RSR

[256] Roman Slowiński and Jerzy Stefanowski. Rough-set reasoning about uncertain data. *Fundamenta Informaticae*, 27(2–3):229–243, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skowron:1996:TAS

[257] Andrzej Skowron and Jaroslaw Stepaniuk. Tolerance approximation spaces. *Fundamenta Informaticae*, 27(2–3):245–253, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skowron:1996:AMM

[258] Andrzej Skowron and Lech Polkowski. Analytical morphology: Mathematical morphology of decision tables. *Fundamenta Informaticae*, 27 (2–3):255–271, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Tsumoto:1996:CAF

[259] Shusaku Tsumoto and Hiroshi Tanaka. A common algebraic framework of empirical learning methods based on rough sets and matroid theory. *Fundamenta Informaticae*, 27(2–3):273–288, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Yao:1996:CRS

[260] Y. Y. Yao and Xining Li. Comparison of rough-set and interval-set models for uncertain reasoning. *Fundamenta Informaticae*, 27(2–3):289–298, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Zytkow:1996:ADE

[261] Jan M. Zytkow. Automated discovery of empirical laws. *Fundamenta Informaticae*, 27(2–3):299–318, August 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Levene:1996:CCD

[262] Mark Levene and George Loizou. Categorisation of computable database queries. *Fundamenta Informaticae*, 27(4):319–348, September 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Corradini:1996:FPO

[263] Flavio Corradini and Rocco De Nicola. On four partial ordering semantics for a process calculus. *Fundamenta Informaticae*, 27(4):349–383, September 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Lobo:1996:ACO

[264] Jorge Lobo and Carlos Uzcátegui. Abductive change operators. *Fundamenta Informaticae*, 27(4):385–411, September 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Makinen:1996:TUA

[265] Erkki Mäkinen. $(0,1)$-totality is undecidable for arbitrary context-free grammars. *Fundamenta Informaticae*, 27(4):413–415, September 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marek:1996:Pa

[266] Wiktor Marek, Lech Polkowski, and Andrzej Skowron. Preface. *Fundamenta Informaticae*, 28(1–2):??, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Alferes:1996:BRN

[267] José Júlio Alferes, Luís Moniz Pereira, and Teodor C. Przymusinski. Belief revision in non-monotonic reasoning and logic programming. *Fundamenta Informaticae*, 28(1–2):1–22, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Apt:1996:MVL

[268] Krzysztof R. Apt and Rachel Ben-Eliyahu. Meta-variables in logic programming, or in praise of ambivalent syntax. *Fundamenta Informaticae*, 28(1–2):23–36, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Blair:1996:DD

[269] Howard A. Blair. Designing dependencies. *Fundamenta Informaticae*, 28 (1–2):37–54, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Blikle:1996:WD

[270] Andrzej Blikle. Why denotational? *Fundamenta Informaticae*, 28(1–2):55–85, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dix:1996:RDN

[271] Jürgen Dix, Georg Gottlob, and Wiktor Marek. Reducing disjunctive to non-disjunctive semantics by shift-operations. *Fundamenta Informaticae*, 28(1–2):87–100, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fitting:1996:MHT

[272] Melvin Fitting. A modal Herbrand theorem. *Fundamenta Informaticae*, 28(1–2):101–122, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gottlob:1996:ASM

[273] Georg Gottlob and Mirosław Truszczyński. Approximating the stable model semantics is hard. *Fundamenta Informaticae*, 28(1–2):123–128, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hsiang:1996:AAP

[274] Jieh Hsiang and Anita Wasilewska. Automating algebraic proofs in algebraic logic. *Fundamenta Informaticae*, 28(1–2):129–140, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mirkowska:1996:ASD

[275] Grazyna Mirkowska and Andrzej Salwicki. The algebraic specifications do not have the Tennenbaum property. *Fundamenta Informaticae*, 28(1–2): 141–152, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Plaza:1996:LPP

[276] Jan A. Plaza. Logic programming from the perspective of algebraic semantics. *Fundamenta Informaticae*, 28(1–2):153–164, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pratt:1996:SIP

[277] Vaughan Pratt and Jerzy Tiuryn. Satisfiability of inequalities in a poset. *Fundamenta Informaticae*, 28(1–2):165–182, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Trakhtenbrot:1996:PCP

[278] B. A. Trakhtenbrot. On the power of compositional proofs for nets: Relationships between completeness and modularity. *Fundamenta Informaticae*, 28(1–2):183–195, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Urzyczyn:1996:PRT

[279] Paweł Urzyczyn. Positive recursive type assignment. *Fundamenta Informaticae*, 28(1–2):197–209, November 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marek:1996:Pb

[280] Wiktor Marek, Lech Polkowski, and Andrzej Skowron. Preface. *Fundamenta Informaticae*, 28(3–4):??, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Banerjee:1996:RST

[281] Mohua Banerjee and Mihir K. Chakraborty. Rough sets through algebraic logic. *Fundamenta Informaticae*, 28(3–4):211–221, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bochman:1996:LBN

[282] Alexander Bochman. On a logical basis of normal logic programs. *Fundamenta Informaticae*, 28(3–4):223–245, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ho:1996:MLR

[283] Nguyen Cat Ho. A method in linguistic reasoning on a knowledge base representing by sentences with linguistic belief degree. *Fundamenta Informaticae*, 28(3–4):247–259, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Doherty:1996:RRC

[284] Patrick Doherty, Witold Łukaszewicz, and Andrzej Szałas. A reduction result for circumscribed semi-Horn formulas. *Fundamenta Informaticae*, 28(3–4):261–271, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Green:1996:RSM

[285] John Green, Neil Horne, Ewa Orłowska, and Paul Siemens. A rough set model of information retrieval. *Fundamenta Informaticae*, 28(3–4):273–296, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Grigoriev:1996:SPN

[286] Dima Grigoriev, Marek Karpinski, and Andrew M. Odlyzko. Short proofs for nondivisibility of sparse polynomials under the extended Riemann hypothesis. *Fundamenta Informaticae*, 28(3–4):297–301, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gomolinska:1996:SNM

[287] Anna Gomolińska. On semantics for the nonmonotonic modal formalization of the logic of acceptance and rejection. *Fundamenta Informaticae*,

28(3–4):303–313, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Paun:1996:PCG

[288] Gheorghe Păun, Lech Polkowski, and Andrzej Skowron. Parallel communicating grammar systems with negotiation. *Fundamenta Informaticae*, 28(3–4):315–330, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Radev:1996:AS

[289] Slavian Radev. Argumentation systems. *Fundamenta Informaticae*, 28(3–4):331–346, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skarbek:1996:DBS

[290] Władysław Skarbek. Dynamic behaviour of spatial signal OR-graphs. *Fundamenta Informaticae*, 28(3–4):347–352, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Suraj:1996:DCD

[291] Zbigniew Suraj. Discovery of concurrent data models from experimental tables: A rough set approach. *Fundamenta Informaticae*, 28(3–4):353–376, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Schlechta:1996:TSA

[292] Karl Schlechta. A two-stage approach to first order default reasoning. *Fundamenta Informaticae*, 28(3–4):377–402, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Winkowski:1996:CWP

[293] Józef Winkowski. Concatenable weighted pomsets and their applications to modelling processes of Petri nets. *Fundamenta Informaticae*, 28(3–4):403–421, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Wroblewski:1996:TFO

[294] Jakub Wróblewski. Theoretical foundations of order-based genetic algorithms. *Fundamenta Informaticae*, 28(3–4):423–430, December 1996. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hotz:1997:USD

[295] Günter Hotz and Gisela Pitsch. On using semi-Dyck sets to analyse coupled-context-free languages. *Fundamenta Informaticae*, 29(1–2):1–26, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dembinski:1997:STC

[296] Piotr Dembiński. Semantics of timed concurrent systems. *Fundamenta Informaticae*, 29(1–2):27–50, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Baeten:1997:DTP

[297] J. C. M. Baeten and J. A. Bergstra. Discrete time process algebra: Absolute time, relative time and parametric time. *Fundamenta Informaticae*, 29(1–2):51–76, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Huzar:1997:SSR

[298] Zbigniew Huzar and Jan Magott. Syntax and semantics of real-time and performance evaluation extensions of specification language lotos. *Fundamenta Informaticae*, 29(1–2):77–96, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Seda:1997:QMS

[299] Anthony Karel Seda. Quasi-metrics and the semantics of logic programs. *Fundamenta Informaticae*, 29(1–2):97–117, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Duntsch:1997:AAA

[300] Ivo Düntsch and Günther Gediga. Algebraic aspects of attribute dependencies in information systems. *Fundamenta Informaticae*, 29(1–2):119–133, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Peters:1997:MRT

[301] James F. Peters. Mechanization of real-time linear CSP with higher order logic. *Fundamenta Informaticae*, 29(1–2):135–163, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Egly:1997:DTN

[302] Uwe Egly. On definitional transformations to normal form for intuitionistic logic. *Fundamenta Informaticae*, 29(1–2):165–201, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Alexandre:1997:MCL

[303] Francis Alexandre and Khaled Bsaïes. A methodology for constructing logic programs. *Fundamenta Informaticae*, 29(3):203–223, February 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Baier:1997:HIE

[304] Christel Baier and Mila Majster-Cederbaum. How to interpret and establish consistency results for semantics of concurrent programming languages. *Fundamenta Informaticae*, 29(3):225–256, February 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mohnen:1997:CCP

[305] Markus Mohnen. A compiler correctness proof for the static link technique by means of evolving algebras. *Fundamenta Informaticae*, 29(3):257–303, February 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ehrenfeucht:1997:SNT

[306] A. Ehrenfeucht, G. Rozenberg, and K. Salomaa. Semantics of nonsequential tree-based computation schemes. *Fundamenta Informaticae*, 29 (4):305–324, March 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fachini:1997:CHS

[307] Emanuela Fachini and Angelo Monti. Chomsky hierarchy and systolic Y-tree automata. *Fundamenta Informaticae*, 29(4):325–339, March 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ferrari:1997:ACC

[308] Gian-Luigi Ferrari. Atomicity and concurrency control in process calculi. *Fundamenta Informaticae*, 29(4):341–368, March 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Jarvinen:1997:RDS

[309] Jouni Järvinen. A representation of dependence spaces and some basic algorithms. *Fundamenta Informaticae*, 29(4):369–382, March 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kundu:1997:NMC

[310] Sukhamay Kundu and Jianhua Chen. A new method of circumscribing beliefs the propositional case. *Fundamenta Informaticae*, 29(4):383–390, March 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gasarch:1997:AQV

[311] William Gasarch and Mahendran Velauthapillai. Asking questions versus verifiability. *Fundamenta Informaticae*, 30(1):1–9, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kiehn:1997:DNI

[312] Astrid Kiehn and Matthew Hennessy. On the decidability of non-interleaving process equivalences. *Fundamenta Informaticae*, 30(1):11–30, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Madlener:1997:SUR

[313] Klaus Madlener and Friedrich Otto. Some undecidability results for finitely generated Thue congruences on a two-letter alphabet. *Fundamenta Informaticae*, 30(1):31–44, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Paun:1997:CSC

[314] Gheorghe Păun. Controlled H systems and Chomsky hierarchy. *Fundamenta Informaticae*, 30(1):45–57, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Peltier:1997:TAA

[315] Nicolas Peltier. Tree automata and automated model building. *Fundamenta Informaticae*, 30(1):59–81, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Trakhtenbrot:1997:PCP

[316] B. A. Trakhtenbrot. On the power of compositional proofs for nets: Relationships between completenesess and modularity. *Fundamenta Informaticae*, 30(1):83–95, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Winkowski:1997:RPP

[317] Józef Winkowski. A representation of processes of Petri nets by matrices. *Fundamenta Informaticae*, 30(1):97–107, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Zhang:1997:DIC

[318] Yan Zhang and Norman Y. Foo. Deriving invariants and constraints from action theories. *Fundamenta Informaticae*, 30(1):109–123, January 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Basarab:1997:DFG

[319] Şerban A. Basarab. Directions and foldings on generalized trees. *Fundamenta Informaticae*, 30(2):125–149, May 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Findler:1997:STR

[320] Nicholas V. Findler. Some techniques of reducing the dangers of combinatorial explosion in automatic knowledge acquisition. *Fundamenta Informaticae*, 30(2):151–160, May 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ilie:1997:CCM

[321] Lucian Ilie. On the computational complexity of Marcus contextual languages. *Fundamenta Informaticae*, 30(2):161–167, May 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kandulski:1997:GAL

[322] Maciej Kandulski. On generalized Ajdukiewicz and Lambek calculi and grammars. *Fundamenta Informaticae*, 30(2):169–181, May 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Makinen:1997:PAP

[323] Erkki Mäkinen and Ferucio Laurenţiu Ţiplea. Pattern ambiguities for pure context — free grammars. *Fundamenta Informaticae*, 30(2):183–191, May 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Llabres:1997:DPH

[324] Mercè Llabrés and Francesc Rosselló. Double-pushout hypergraph rewriting using total conformisms. *Fundamenta Informaticae*, 30(2):193–226, May 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Michalewicz:1997:GEN

[325] Maciej Michalewicz and Zbigniew W. Ras. Guest Editors' note. *Fundamenta Informaticae*, 30(3–4):??, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Clark:1997:IIC

[326] Peter Clark, Cao Feng, Stan Matwin, and Ko Fung. Improving image classification by combining statistical, case-based and model-based prediction methods. *Fundamenta Informaticae*, 30(3–4):227–240, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Druzdzel:1997:FUP

[327] Marek J. Druzdzel. Five useful properties of probabilistic knowledge representations from the point of view of intelligent systems. *Fundamenta Informaticae*, 30(3–4):241–254, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Grzymala-Busse:1997:CUE

[328] Jerzy W. Grzymala-Busse. Classification of unseen examples under uncertainty. *Fundamenta Informaticae*, 30(3–4):255–267, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kersten:1997:FAS

[329] Gregory E. Kersten and Stan Szpakowicz. Formal account of sequential decision-making in a co-operative setting. *Fundamenta Informaticae*, 30 (3–4):269–281, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Michalski:1997:SKD

[330] Ryszard S. Michalski. Seeking knowledge in the deluge of facts. *Fundamenta Informaticae*, 30(3–4):283–297, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mrozek:1997:KRF

[331] Adam Mrózek and Leszek Płonka. Knowledge representation in fuzzy and rough controllers. *Fundamenta Informaticae*, 30(3–4):299–311, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ras:1997:QAA

[332] Zbigniew W. Ras and Sucheta Joshi. Query approximate answering system for an incomplete DKBS. *Fundamenta Informaticae*, 30(3–4):313–

324, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rusinkiewicz:1997:TWD

[333] Marek Rusinkiewicz and Mauro Bregolin. Transactional workflows in distributed systems. *Fundamenta Informaticae*, 30(3–4):325–344, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skowron:1997:DAS

[334] Andrzej Skowron and Lech Polkowski. Decision algorithms: a survey of rough set — theoretic methods. *Fundamenta Informaticae*, 30(3–4):345–358, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Wierzchon:1997:RFE

[335] S. T. Wierzchoń, M. A. Kłopotek, and M. Michalewicz. Reasoning and facts explanation in valuation based systems. *Fundamenta Informaticae*, 30(3–4):359–371, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ziarko:1997:MLT

[336] Wojciech Ziarko and Ning Shan. Machine learning through data classification and reduction. *Fundamenta Informaticae*, 30(3–4):373–382, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Zytkow:1997:CTF

[337] Jan M. Żytkow and Robert Zembowicz. Contingency tables as the foundation for concepts, concept hierarchies, and rules: The 49er system approach. *Fundamenta Informaticae*, 30(3–4):383–399, June 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Buszkowski:1997:RRS

[338] Wojciech Buszkowski and Mirosława Kołowska-Gawiejnowicz. Representation of residuated semigroups in some algebras of relations (the method of canonical models). *Fundamenta Informaticae*, 31(1):1–12, July 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Esparza:1997:PNC

[339] Javier Esparza. Petri nets, commutative context-free grammars, and basic parallel processes. *Fundamenta Informaticae*, 31(1):13–25, July 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Grzymala-Busse:1997:NVR

[340] Jerzy W. Grzymala-Busse. A new version of the rule induction system LERS. *Fundamenta Informaticae*, 31(1):27–39, July 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Koshiba:1997:HSL

[341] Takeshi Koshiba. On a hierarchy of slender languages based on control sets. *Fundamenta Informaticae*, 31(1):41–47, July 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Michalski:1997:LDS

[342] Ryszard S. Michalski and Ibrahim F. Imam. On learning decision structures. *Fundamenta Informaticae*, 31(1):49–64, July 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Romanowska:1997:DSA

[343] Anna Romanowska. From dissemilattices to snack algebras. *Fundamenta Informaticae*, 31(1):65–77, July 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Lee:1997:FVD

[344] Shie-Jue Lee and Wei-Jer Lin. Formal verification and diagnosis of combinational circuit designs with propositional logic. *Fundamenta Informaticae*, 31(1):79–105, July 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Majorinc:1997:ERN

[345] Kazimir Majorinc. Extension rule for non-clausal propositional calculus. *Fundamenta Informaticae*, 31(2):107–116, August 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Martin-Vide:1997:NCN

[346] Carlos Martín-Vide. Natural computation for natural language. *Fundamenta Informaticae*, 31(2):117–124, August 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Matskin:1997:PSS

[347] Mihhail Matskin and Jan Komorowski. Partial structural synthesis of programs. *Fundamenta Informaticae*, 31(2):125–144, August 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moshkov:1997:BAW

[348] Mikhail Moshkov and Igor Chikalov. Bounds on average weighted depth of decision trees. *Fundamenta Informaticae*, 31(2):145–156, August 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Moshkov:1997:UUB

[349] Mikhail Moshkov. Unimprovable upper bounds on time complexity of decision trees. *Fundamenta Informaticae*, 31(2):157–184, August 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Paun:1997:CSS

[350] Andrei Păun. Controlled H systems of small radius. *Fundamenta Informaticae*, 31(2):185–193, August 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skordev:1997:AAS

[351] Dimiter Skordev. An abstract approach to some loop detection problems. *Fundamenta Informaticae*, 31(2):195–212, August 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Banerjee:1997:RSV

[352] Mohua Banerjee. Rough sets and 3-valued Łukasiewicz logic. *Fundamenta Informaticae*, 31(3–4):213–220, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Brewka:1997:WFS

[353] Gerhard Brewka and Georg Gottlob. Well-founded semantics for default logic. *Fundamenta Informaticae*, 31(3–4):221–236, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Burkhard:1997:DBA

[354] Hans-Dieter Burkhard. Defining BDI with abstract languages. *Fundamenta Informaticae*, 31(3–4):237–252, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Chitil:1997:SCS

[355] Olaf Chitil. The ζ-semantics: A comprehensive semantics for functional programs. *Fundamenta Informaticae*, 31(3–4):253–294, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Deneva:1997:MLL

[356] Ana Deneva and Dimiter Vakarelov. Modal logics for local and global similarity relations. *Fundamenta Informaticae*, 31(3–4):295–304, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Maggiolo-Schettini:1997:PCE

[357] Andrea Maggiolo-Schettini and Gionata Matteucci. Processes in cause-effect systems. *Fundamenta Informaticae*, 31(3–4):305–335, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Maggiolo-Schettini:1997:POR

[358] Andrea Maggiolo-Schettini and Józef Winkowski. A partial order representation of processes of transforming graphs. *Fundamenta Informaticae*, 31(3–4):337–355, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Montanari:1997:CFS

[359] Ugo Montanari and Gioia Ristori. A concurrent functional semantics for a process algebra based on action systems. *Fundamenta Informaticae*, 31(3–4):357–377, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rey:1997:BPC

[360] Jean-François Rey. The block product of categories and Tilson's division. *Fundamenta Informaticae*, 31(3–4):379–400, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rey:1997:KRM

[361] Jean-François Rey. The kernel of a relational morphism of categories. *Fundamenta Informaticae*, 31(3–4):401–421, September 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Frias:1997:FAA

[362] Marcelo F. Frias, Gabriel A. Baum, and Armando M. Haeberer. Fork algebras in algebra, logic and computer science. *Fundamenta Informaticae*, 32(1):1–25, October 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kasangian:1997:TLT

[363] Stefano Kasangian and Sebastiano Vigna. The topos of labelled trees: A categorical semantics for SCCS. *Fundamenta Informaticae*, 32(1):27–45,

October 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pigozzi:1997:LAA

[364] Don Pigozzi and Antonino Salibra. Lambda abstraction algebras: Coordinatizing models of Lambda calculus. *Fundamenta Informaticae*, 32 (1):47–90, October 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Tyszkiewicz:1997:QAC

[365] Jerzy Tyszkiewicz. Queries and algorithms computable by polynomial time existential reflective machines. *Fundamenta Informaticae*, 32(1):91–105, October 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Komorowski:1997:GEP

[366] J. Komorowski and Z. W. Raś. Guest Editors' preface — in memory of Cecylia Rauszer. *Fundamenta Informaticae*, 32(2):??, November 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Chakraborty:1997:SPS

[367] Mihir K. Chakraborty and Ewa Orlowska. Substitutivity principles in some theories of uncertainty. *Fundamenta Informaticae*, 32(2):107–120, November 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gaasterland:1997:QAA

[368] Terry Gaasterland and Jorge Lobo. Qualifying answers according to user needs and preferences. *Fundamenta Informaticae*, 32(2):121–137, November 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marek:1997:CRN

[369] V. Wiktor Marek, Anil Nerode, and Jeffrey B. Remmel. Complexity of recursive normal default logic. *Fundamenta Informaticae*, 32(2):139–147, November 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Paun:1997:RSA

[370] Gheorghe Păun, Lech Polkowski, and Andrzej Skowron. Rough set approximations of languages. *Fundamenta Informaticae*, 32(2):149–162, November 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ruiz:1997:CCW

[371] Carolina Ruiz and Jack Minker. Combining closed world assumptions with stable negation. *Fundamenta Informaticae*, 32(2):163–181, November 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Segerberg:1997:PTB

[372] Krister Segerberg. Proposal for a theory of belief revision along the lines of Lindström and Rabinowicz. *Fundamenta Informaticae*, 32(2):183–191, November 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Alessi:1997:CPL

[373] Fabio Alessi, Mariangiola Dezani-Ciancaglini, and Ugo de' Liguoro. A convex powerdomain over lattices: its logic and λ-calculus. *Fundamenta Informaticae*, 32(3–4):193–250, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bucciarelli:1997:BMR

[374] Antonio Bucciarelli. Bi-models: Relational versus domain-theoretic approaches. *Fundamenta Informaticae*, 32(3–4):251–266, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bujosa:1997:UNS

[375] Andrés Bujosa, Regino Criado, and Miguel A. Hernandez-Medina. Unification: Nothing but the solution of a system of linear equations. *Fundamenta Informaticae*, 32(3–4):267–280, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Castilho:1997:MTP

[376] Marcos A. Castilho, Luis Fariñas del Cerro, Olivier Gasquet, and Andreas Herzig. Modal tableaux with propagation rules and structural rules. *Fundamenta Informaticae*, 32(3–4):281–297, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Chakraborty:1997:GCS

[377] Mihir K. Chakraborty and Sanjukta Basu. Graded consequence and some metalogical notions generalized. *Fundamenta Informaticae*, 32(3–4):299–311, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Chlebus:1997:TOT

[378] Bogdan S. Chlebus, Krzysztof Diks, and Andrzej Pelc. Transition-optimal token distribution. *Fundamenta Informaticae*, 32(3–4):313–328, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fokkink:1997:ARP

[379] Wan Fokkink. An axiomatization for regular processes in timed branching bisimulation. *Fundamenta Informaticae*, 32(3–4):329–340, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Honkala:1997:DPC

[380] Juha Honkala. Decision problems concerning a power series generalization of DTOL systems. *Fundamenta Informaticae*, 32(3–4):341–348, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Khamsi:1997:DSL

[381] Mohamed A. Khamsi and Driss Misane. Disjunctive signed logic programs. *Fundamenta Informaticae*, 32(3–4):349–357, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skarbek:1997:RIC

[382] Władysław Skarbek. On relation of image compression and image association. *Fundamenta Informaticae*, 32(3–4):359–371, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Tiplea:1997:JPN

[383] Ferucio Laurenţiu Ţiplea and Erkki Mäkinen. Jumping Petri nets. Specific properties. *Fundamenta Informaticae*, 32(3–4):373–392, December 1997. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Czaja:1998:MMT

[384] Ludwik Czaja. Minimal-maximal time cause-effect structures. *Fundamenta Informaticae*, 33(1):1–16, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Czaja:1998:CES

[385] Ludwik Czaja. Cause-effect structures — structural and semantic properties revisited. *Fundamenta Informaticae*, 33(1):17–42, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dimov:1998:SCS

[386] Georgi Dimov and Dimiter Vakarelov. On Scott consequence systems. *Fundamenta Informaticae*, 33(1):43–70, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Schmitt:1998:CS

[387] Vincent Schmitt. CR-structures. *Fundamenta Informaticae*, 33(1):71–83, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Vigneron:1998:ADT

[388] Laurent Vigneron. Automated deduction techniques for studying rough algebras. *Fundamenta Informaticae*, 33(1):85–103, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Calude:1998:CAR

[389] Cristian S. Calude and Peter H. Hertling. Computable approximations of reals: An information-theoretic analysis. *Fundamenta Informaticae*, 33 (2):105–120, February 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pankowski:1998:PPR

[390] Tadeusz Pankowski. Powerdomain of paths for representing object structures. *Fundamenta Informaticae*, 33(2):121–148, February 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pigozzi:1998:LAA

[391] Don Pigozzi and Antonino Salibra. Lambda abstraction algebras: Coordinatizing models of Lambda calculus. *Fundamenta Informaticae*, 33(2): 149–200, February 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Plump:1998:TGR

[392] Detlef Plump. Termination of graph rewriting is undecidable. *Fundamenta Informaticae*, 33(2):201–209, February 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marcus:1998:P

[393] Solomon Marcus. Preface. *Fundamenta Informaticae*, 33(3):??, March 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gramatovici:1998:EPC

[394] Radu Gramatovici. An efficient parser for a class of contextual languages. *Fundamenta Informaticae*, 33(3):211–238, March 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ilie:1998:GFW

[395] Lucian Ilie. Generalized factors of words. *Fundamenta Informaticae*, 33 (3):239–247, March 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kudlek:1998:ALR

[396] Manfred Kudlek and Alexandru Mateescu. Algebraic, linear and rational languages defined by mix operation. *Fundamenta Informaticae*, 33(3):249–264, March 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Martinek:1998:LPG

[397] Pavel Martinek. Limits of pure grammars with monotone productions. *Fundamenta Informaticae*, 33(3):265–280, March 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mitrana:1998:PCG

[398] Victor Mitrana. Parallelism in contextual grammars. *Fundamenta Informaticae*, 33(3):281–294, March 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Novotny:1998:RP

[399] Miroslav Novotný. Reduction of pregrammars. *Fundamenta Informaticae*, 33(3):295–307, March 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hindley:1998:P

[400] Roger Hindley. Preface. *Fundamenta Informaticae*, 33(4):??, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Brandt:1998:CAR

[401] Michael Brandt and Fritz Henglein. Coinductive axiomatization of recursive type equality and subtyping. *Fundamenta Informaticae*, 33(4):309–338, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Brauner:1998:SAC

[402] Torben Braüner. A simple adequate categorical model for PCF, II. *Fundamenta Informaticae*, 33(4):339–368, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stark:1998:NER

[403] Ian Stark. Names, equations, relations: Practical ways to reason about new. *Fundamenta Informaticae*, 33(4):369–396, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Takeuti:1998:ASP

[404] Izumi Takeuti. An axiomatic system of parametricity. *Fundamenta Informaticae*, 33(4):397–432, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ferrari:1998:PSO

[405] Gian Luigi Ferrari and Ugo Montanari. Parameterized structured operational semantics. *Fundamenta Informaticae*, 34(1–2):1–31, May 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Gomolinska:1998:CIM

[406] Anna Gomolińska. Credibility of information for modelling belief state and its change. *Fundamenta Informaticae*, 34(1–2):33–51, May 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

vanLinder:1998:FAO

[407] B. van Linder, W. van der Hoek, and J.-J. Ch. Meyer. Formalising abilities and opportunities of agents. *Fundamenta Informaticae*, 34(1–2):53–101, May 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

LaTorre:1998:SLI

[408] Salvatore La Torre, Margherita Napoli, and Domenico Parente. Synchronization of a line of identical processors at a given time. *Fundamenta Informaticae*, 34(1–2):103–128, May 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Nguyen:1998:PED

[409] Sinh Hoa Nguyen and Hung Son Nguyen. Pattern extraction from data. *Fundamenta Informaticae*, 34(1–2):129–144, May 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Son:1998:OHO

[410] Nguyen Hung Son. From optimal hyperplanes to optimal decision trees. *Fundamenta Informaticae*, 34(1–2):145–174, May 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Vagvolgyi:1998:GTT

[411] Sandor Vágvölgyi. The ground tree transducer game. *Fundamenta Informaticae*, 34(1–2):175–201, May 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Apt:1998:GEP

[412] Krzysztof R. Apt and Claude Kirchner. Guest Editors' preface — foundations of constraint programming. *Fundamenta Informaticae*, 34(3):??, June 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kowalski:1998:ESL

[413] Robert A. Kowalski, Francesca Toni, and Gerhard Wetzel. Executing suspended logic programs. *Fundamenta Informaticae*, 34(3):203–224, June 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kirchner:1998:RBC

[414] Claude Kirchner and Christophe Ringeissen. Rule-based constraint programming. *Fundamenta Informaticae*, 34(3):225–262, June 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Castro:1998:BCS

[415] Carlos Castro. Building constraint satisfaction problem solvers using rewrite rules and strategies. *Fundamenta Informaticae*, 34(3):263–293, June 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Apt:1998:PTV

[416] Krzysztof R. Apt. A proof theoretic view of constraint programming. *Fundamenta Informaticae*, 34(3):295–321, June 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rety:1998:DCC

[417] Jean-Hugues Réty. Distributed concurrent constraint programming. *Fundamenta Informaticae*, 34(3):323–346, June 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skarbek:1998:PSI

[418] Władysław Skarbek. Preface: Special issue on image compression. *Fundamenta Informaticae*, 34(4):??, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Cieplinski:1998:RIV

[419] Leszek Cieplinski. A review of image and video coding standards. *Fundamenta Informaticae*, 34(4):347–367, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Przelaskowski:1998:DPW

[420] Artur Przelaskowski. Detail preserving wavelet-based compression with adaptive context-based quantisation. *Fundamenta Informaticae*, 34(4): 369–388, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Cieplinski:1998:ECM

[421] Leszek Cieplinski. Entropy-constrained multiresolution vector quantisation for image coding. *Fundamenta Informaticae*, 34(4):389–396, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rak:1998:VQ

[422] Remigiusz J. Rak. Vector quantisation. *Fundamenta Informaticae*, 34(4): 397–412, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Mitra:1998:SPI

[423] Suman K. Mitra, C. A. Murthy, and Malay K. Kundu. A study on partitioned iterative function systems for image compression. *Fundamenta Informaticae*, 34(4):413–428, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skarbek:1998:AFO

[424] Władysław Skarbek. Analysis of fractal operator convergence by graph methods. *Fundamenta Informaticae*, 34(4):429–440, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Sikora:1998:SAO

[425] Radosław Sikora and Władysław Skarbek. Stability analysis of Oja–RLS learning rule. *Fundamenta Informaticae*, 34(4):441–453, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rakowski:1998:DFW

[426] Waldemar Rakowski and Zbigniew Bartosiewicz. Daubechies filters in wavelet image compression. *Fundamenta Informaticae*, 34(4):455–467, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Wojdyllo:1998:WMM

[427] Piotr Wojdyłło. Wavelets and Mallat's multiresolution analysis. *Fundamenta Informaticae*, 34(4):469–474, July 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Eiben:1998:P

[428] A. E. Eiben and Zbigniew Michalewicz. Preface. *Fundamenta Informaticae*, 35(1–4):??, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fogel:1998:UFH

[429] David B. Fogel. Unearthing a fossil from the history of evolutionary computation. *Fundamenta Informaticae*, 35(1–4):1–16, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Esquivel:1998:SME

[430] Susana C. Esquivel, Héctor Ariel Leiva, and Raúl H. Gallardt. Selection mechanisms in evolutionary algorithms. *Fundamenta Informaticae*, 35(1–4):17–33, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Eiben:1998:EEE

[431] A. E. Eiben and C. A. Schippers. On evolutionary exploration and exploitation. *Fundamenta Informaticae*, 35(1–4):35–50, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Back:1998:OPC

[432] Thomas Bäck. An overview of parameter control methods by self-adaptation in evolutionary algorithms. *Fundamenta Informaticae*, 35(1–4):51–66, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rudolph:1998:FMC

[433] Günter Rudolph. Finite Markov chain results in evolutionary computation: A tour d'horizon. *Fundamenta Informaticae*, 35(1–4):67–89, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Murthy:1998:OST

[434] C. A. Murthy, Dinabandhu Bhandari, and Sankar K. Pal. ϵ-optimal stopping time for genetic algorithms. *Fundamenta Informaticae*, 35(1–4):91–111, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Khouja:1998:EAE

[435] Moutaz Khouja, Zbigniew Michalewicz, and Poorani Vijayaragavan. Evolutionary algorithm for economic lot and delivery scheduling problem. *Fundamenta Informaticae*, 35(1–4):113–123, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Sebag:1998:RME

[436] Michèle Sebag, Marc Schoenauer, and Mathieu Peyral. Revisiting the memory of evolution. *Fundamenta Informaticae*, 35(1–4):125–162, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Giordana:1998:LCP

[437] A. Giordana and G. Lo Bello. Learning classification programs: The genetic algorithm approach. *Fundamenta Informaticae*, 35(1–4):163–177, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Angeline:1998:HPE

[438] Peter J. Angeline. A historical perspective on the evolution of executable structures. *Fundamenta Informaticae*, 35(1–4):179–195, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Boryczka:1998:SAA

[439] Mariusz Boryczka. Some aspects of ant systems for the TSP. *Fundamenta Informaticae*, 35(1–4):197–209, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Seredynski:1998:NTP

[440] Franciszek Seredyński. New trends in parallel and distributed evolutionary computing. *Fundamenta Informaticae*, 35(1–4):211–230, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Deaton:1998:DCR

[441] Russell Deaton, Max Garzon, John Rose, D. R. Franceschetti, and S. E. Stevens. DNA computing: A review. *Fundamenta Informaticae*, 35(1–

4):231–245, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

DeJong:1998:ECW

[442] Kenneth De Jong. Evolutionary computation: Where we are and where we're headed. *Fundamenta Informaticae*, 35(1–4):247–259, January 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bhat:1998:APO

[443] Girish Bhat and Doron Peled. Adding partial orders to linear temporal logic. *Fundamenta Informaticae*, 36(1):1–21, September 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Doherty:1998:GDC

[444] Patrick Doherty, Witold Łukaszewicz, and Andrzej Szałas. General domain circumscription and its effective reductions. *Fundamenta Informaticae*, 36(1):23–55, September 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Rahonis:1998:SSS

[445] George Rahonis and Kai Salomaa. On the size of stack and synchronization alphabets of tree automata. *Fundamenta Informaticae*, 36(1):57–69, September 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Winkowski:1998:PCN

[446] Józef Winkowski. Processes of contextual nets and their characteristics. *Fundamenta Informaticae*, 36(1):71–101, September 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Amin:1998:RRB

[447] Mohamed Amin. Remarks on the relationship between cooperating distributed grammar systems and Lindenmayer systems. *Fundamenta Informaticae*, 36(2–3):103–107, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Analyti:1998:SSN

[448] Anastasia Analyti, Nicolas Spyratos, and Panos Constantopoulos. On the semantics of a semantic network. *Fundamenta Informaticae*, 36(2–3):109–144, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Berard:1998:CEP

[449] Béatrice Bérard, Antoine Petit, Volker Diekert, and Paul Gastin. Characterization of the expressive power of silent transitions in timed automata. *Fundamenta Informaticae*, 36(2–3):145–182, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dassow:1998:ROS

[450] Jürgen Dassow and Gheorghe Păun. Remarks on operations suggested by mutations in genomes. *Fundamenta Informaticae*, 36(2–3):183–200, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dovier:1998:UAV

[451] Agostino Dovier, Alberto Policriti, and Gianfranco Rossi. A uniform axiomatic view of lists, multisets, and sets, and the relevant unification algorithms. *Fundamenta Informaticae*, 36(2–3):201–234, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Middelburg:1998:TDC

[452] Kees A. Middelburg. Truth of duration calculus formulae in timed frames. *Fundamenta Informaticae*, 36(2–3):235–263, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Stepaniuk:1998:ORS

[453] Jaroslaw Stepaniuk. Optimizations of rough set model. *Fundamenta Informaticae*, 36(2–3):265–283, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Zhiltsova:1998:EOC

[454] Larissa Zhiltsova. On entropy and optimal coding cost for stochastic language. *Fundamenta Informaticae*, 36(2–3):285–305, November 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Burago:1998:ACC

[455] Dmitri Burago and Michel de Rougemont. On the average-case complexity of the graph reliability problem on Gaussian distributions. *Fundamenta Informaticae*, 36(4):307–315, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Czech:1998:RPS

[456] Zbigniew J. Czech and Wojciech Mikanik. Randomized PRAM simulation. *Fundamenta Informaticae*, 36(4):317–336, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ostravsky:1998:PVS

[457] Jan Ostravský. Pregrammars versus submonoids. *Fundamenta Informaticae*, 36(4):337–343, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skarbek:1998:MOR

[458] Władysław Skarbek, Adam Pietrowcew, and Radosław Sikora. The modified oja-RLS algorithm, stochastic convergence analysis and application for image compression. *Fundamenta Informaticae*, 36(4):345–365, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Vagvolgyi:1998:SMG

[459] Sándor Vágvölgyi. Simple and minimal ground term equation systems. *Fundamenta Informaticae*, 36(4):367–413, December 1998. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pal:1999:PSI

[460] Sankar K. Pal. Preface: Special issue on soft computing. *Fundamenta Informaticae*, 37(1–2):??, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dubois:1999:UPL

[461] Didier Dubois, Daniel Le Berre, Henri Prade, and Régis Sabbadin. Using possibilistic logic for modeling qualitative decision: ATMS-based algorithms. *Fundamenta Informaticae*, 37(1–2):1–30, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Sinha:1999:CDI

[462] Sitabhra Sinha. Chaotic dynamics in iterated map neural networks with piecewise linear activation function. *Fundamenta Informaticae*, 37(1–2): 31–50, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kubota:1999:EMV

[463] Naoyuki Kubota and Toshio Fukuda. Ecological model of virus-evolutionary genetic algorithm. *Fundamenta Informaticae*, 37(1–2):51–

70, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Tanaka:1999:IRA

[464] Hideo Tanaka and Haekwan Lee. Interval regression analysis with polynomials and its similarity to rough sets concept. *Fundamenta Informaticae*, 37(1–2):71–87, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Friedman:1999:FIE

[465] Menahem Friedman, Ma Ming, and Abraham Kandel. On fuzzy integral equations. *Fundamenta Informaticae*, 37(1–2):89–99, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

DiGesu:1999:AVS

[466] Vito Di Gesù. Artificial vision and soft computing. *Fundamenta Informaticae*, 37(1–2):101–119, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Sastry:1999:DEB

[467] K. K. N. Sastry, L. Behera, and I. J. Nagrath. Differential evolution based fuzzy logic controller for nonlinear process control. *Fundamenta Informaticae*, 37(1–2):121–136, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Karayiannis:1999:RLV

[468] Nicolaos B. Karayiannis. Reformulating learning vector quantization and radial basis neural networks. *Fundamenta Informaticae*, 37(1–2):137–175, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bandyopadhyay:1999:RBV

[469] Sanghamitra Bandyopadhyay and Sankar K. Pal. Relation between VGA-classifier and MLP: Determination of network architecture. *Fundamenta Informaticae*, 37(1–2):177–199, January 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Burkhard:1999:P

[470] Hans-Dieter Burkhard, Peter Starke, and Ludwik Czaja. Preface. *Fundamenta Informaticae*, 37(3):??, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Baar:1999:IDV

[471] Thomas Baar and Ekkart Kindler. ILF and DAWN for verifying distributed algorithms — an idea for a tool. *Fundamenta Informaticae*, 37 (3):201–211, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Czaja:1999:NDP

[472] Ludwik Czaja. Net-definability of process languages. *Fundamenta Informaticae*, 37(3):213–223, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Farwer:1999:LLV

[473] Berndt Farwer. A linear logic view of object Petri nets. *Fundamenta Informaticae*, 37(3):225–246, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Heljanko:1999:ULP

[474] Keijo Heljanko. Using logic programs with stable model semantics to solve deadlock and reachability problems for 1-safe Petri nets. *Fundamenta Informaticae*, 37(3):247–268, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Junttila:1999:FSA

[475] Tommi A. Junttila. Finding symmetries of algebraic system nets. *Fundamenta Informaticae*, 37(3):269–289, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kindler:1999:IDA

[476] Ekkart Kindler and Sibylle Peuker. Integrating distributed algorithms into distributed systems. *Fundamenta Informaticae*, 37(3):291–309, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Popova-Zeugmann:1999:APT

[477] Louchka Popova-Zeugmann and Dirk Schlatter. Analyzing paths in time Petri nets. *Fundamenta Informaticae*, 37(3):311–327, February 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bohm:1999:FPE

[478] Corrado Böhm. Fixed point equations inside the algebra of normal forms. *Fundamenta Informaticae*, 37(4):329–342, March 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Czaja:1999:RHS

[479] Ludwik Czaja. Representing hand-shake channel communication in the calculus of cause-effect structures. *Fundamenta Informaticae*, 37(4):343–368, March 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Jung:1999:MLS

[480] Achim Jung, Mathias Kegelmann, and M. Andrew Moshier. Multi lingual sequent calculus and coherent spaces. *Fundamenta Informaticae*, 37(4): 369–412, March 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kudlek:1999:ILC

[481] Manfred Kudlek. Iteration lemmata for certain classes of word, trace and graph languages. *Fundamenta Informaticae*, 37(4):413–422, March 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Karhumaki:1999:P

[482] J. Karhumäki, A. Mateescu, and G. Rozenberg. Preface. *Fundamenta Informaticae*, 38(1–2):??, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ben-Amram:1999:PVT

[483] Amir M. Ben-Amram and Neil D. Jones. A precise version of a time hierarchy theorem. *Fundamenta Informaticae*, 38(1–2):1–15, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Penttonen:1999:RCR

[484] Martti Penttonen. Relative cost random access machines. *Fundamenta Informaticae*, 38(1–2):17–23, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Skyum:1999:CIL

[485] Sven Skyum, Gudmund S. Frandsen, Peter Bro Miltersen, and Peter G. Binderup. The complexity of identifying large equivalence classes. *Fundamenta Informaticae*, 38(1–2):25–37, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Wanne:1999:GMA

[486] Merja Wanne and Matti Linna. A general model for adjacency. *Fundamenta Informaticae*, 38(1–2):39–50, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bogdanovic:1999:TCE

[487] S. Bogdanović, M. Ćirić, T. Petković, B. Imreh, and M. Steinby. Traps, cores, extensions and subdirect decompositions of unary algebras. *Fundamenta Informaticae*, 38(1–2):51–60, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Nielsen:1999:BOM

[488] Mogens Nielsen and Thomas Hune. Bisimulation and open maps for timed transition systems. *Fundamenta Informaticae*, 38(1–2):61–77, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Jurvanen:1999:DSU

[489] Eija Jurvanen and Marjo Lipponen. Distinguishability, simulation and universality of Moore tree automata. *Fundamenta Informaticae*, 38(1–2): 79–91, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kari:1999:CDS

[490] Jarkko Kari. On the circuit depth of structurally reversible cellular automata. *Fundamenta Informaticae*, 38(1–2):93–107, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ilie:1999:SPF

[491] Lucian Ilie. Subwords and power-free words are not expressible by word equations. *Fundamenta Informaticae*, 38(1–2):109–118, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Karhumaki:1999:DTT

[492] Juhani Karhumäki and Sabrina Mantaci. Defect theorems for trees. *Fundamenta Informaticae*, 38(1–2):119–133, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ruohonen:1999:SER

[493] Keijo Ruohonen. Solving equivalence of recurrent sequences in groups by polynomial manipulation. *Fundamenta Informaticae*, 38(1–2):135–148, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ding:1999:CEA

[494] Cunsheng Ding, Kwok Yan Lam, and Chaoping Xing. Construction and enumeration of all binary duadic codes of length p^m. *Fundamenta Infor-*

maticae, 38(1–2):149–161, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Koskinen:1999:NIK

[495] Jukka A. Koskinen. Non-injectivity and knapsacks. *Fundamenta Informaticae*, 38(1–2):163–180, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Niemi:1999:SZK

[496] Valtteri Niemi and Ari Renvall. Solitaire zero-knowledge. *Fundamenta Informaticae*, 38(1–2):181–188, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Halava:1999:UIW

[497] Vesa Halava and Tero Harju. Undecidability in integer weighted finite automata. *Fundamenta Informaticae*, 38(1–2):189–200, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Honkala:1999:EPD

[498] Juha Honkala. The equivalence problem of D0L and DF0L power series. *Fundamenta Informaticae*, 38(1–2):201–208, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Turakainen:1999:DSP

[499] Paavo Turakainen. On the decidability of some problems concerning morphisms, regular sets, and post correspondence problem. *Fundamenta Informaticae*, 38(1–2):209–221, April 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Janicki:1999:CSN

[500] Ryszard Janicki and Maciej Koutny. On causality semantics of nets with priorities. *Fundamenta Informaticae*, 38(3):223–255, May 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Kappes:1999:MBC

[501] Martin Kappes. Multi-bracketed contextual rewriting grammars. *Fundamenta Informaticae*, 38(3):257–280, May 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Koutras:1999:MVM

[502] Costas D. Koutras, George Koletsos, and Stathis Zachos. Many-valued modal non-monotonic reasoning: Sequential stable sets and logics with

linear truth spaces. *Fundamenta Informaticae*, 38(3):281–324, May 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bono:1999:SEI

[503] Viviana Bono, Michele Bugliesi, Mariangiola Dezani-Ciancaglini, and Luigi Liquori. A subtyping for extensible, incomplete objects. *Fundamenta Informaticae*, 38(4):325–364, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bordihn:1999:APL

[504] Henning Bordihn, Henning Fernau, and Markus Holzer. On accepting pure Lindenmayer systems. *Fundamenta Informaticae*, 38(4):365–375, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Corradini:1999:RAF

[505] Flavio Corradini, Domenicantonio D'Ortenzio, and Paola Inverardi. On the relationships among four timed process algebras. *Fundamenta Informaticae*, 38(4):377–395, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Paun:1999:SS

[506] Gheorghe Păun and Sheng Yu. On synchronization in P systems. *Fundamenta Informaticae*, 38(4):397–410, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Plaza:1999:P

[507] Jan A. Plaza and John A. Campbell. Preface. *Fundamenta Informaticae*, 39(1–2):??, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ballarin:1999:PAE

[508] Clemens Ballarin and Lawrence C. Paulson. A pragmatic approach to extending provers by computer algebra — with applications to coding theory. *Fundamenta Informaticae*, 39(1–2):1–20, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Benhamou:1999:HMF

[509] Belaid Benhamou and Laurent Henocque. A hybrid method for finite model search in equational theories. *Fundamenta Informaticae*, 39(1–2): 21–38, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Bertoli:1999:SIT

[510] P. G. Bertoli, J. Calmet, F. Giunchiglia, and K. Homann. Specification and integration of theorem provers and computer algebra systems. *Fundamenta Informaticae*, 39(1–2):39–57, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Egly:1999:IPT

[511] Uwe Egly and Stephan Schmitt. On intuitionistic proof transformations, their complexity, and application to constructive program synthesis. *Fundamenta Informaticae*, 39(1–2):59–83, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fevre:1999:CCA

[512] Stéphane Fèvre and Dongming Wang. Combining Clifford algebraic computing and term-rewriting for geometric theorem proving. *Fundamenta Informaticae*, 39(1–2):85–104, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fitting:1999:QML

[513] Melvin Fitting. On quantified modal logic. *Fundamenta Informaticae*, 39 (1–2):105–121, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Fuchs:1999:USC

[514] Dirk Fuchs. On the use of subgoal clauses in bottom-up and top-down calculi. *Fundamenta Informaticae*, 39(1–2):123–143, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Lynch:1999:BCC

[515] Christopher Lynch and Christelle Scharff. Basic completion with E-cycle simplification. *Fundamenta Informaticae*, 39(1–2):145–165, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Monfroy:1999:OAF

[516] Eric Monfroy and Christophe Ringeissen. An open automated framework for constraint solver extension: the SoleX approach. *Fundamenta Informaticae*, 39(1–2):167–187, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pientka:1999:AIS

[517] Brigitte Pientka and Christoph Kreitz. Automating inductive specification proofs. *Fundamenta Informaticae*, 39(1–2):189–209, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Sendra:1999:ARR

[518] J. Rafael Sendra and Franz Winkler. Algorithms for rational real algebraic curves. *Fundamenta Informaticae*, 39(1–2):211–228, July 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Duntsch:1999:RAQ

[519] Ivo Düntsch, Hui Wang, and Stephen McCloskey. Relations algebras in qualitative spatial reasoning. *Fundamenta Informaticae*, 39(3):229–248, August 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Dudakov:1999:CPM

[520] Sergey M. Dudakov. On the complexity of perfect models of logic programs. *Fundamenta Informaticae*, 39(3):249–258, August 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Heinemann:1999:CCM

[521] Bernhard Heinemann. The complexity of certain modal formulas on binary ramified subset trees. *Fundamenta Informaticae*, 39(3):259–272, August 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Intrigila:1999:CSM

[522] B. Intrigila, P. Inverardi, and M. Venturini Zilli. A comprehensive setting for matching and unification over iterative terms. *Fundamenta Informaticae*, 39(3):273–304, August 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Knapik:1999:TST

[523] Teodor Knapik and Hugues Calbrix. Thue specifications and their monadic second-order properties. *Fundamenta Informaticae*, 39(3):305–325, August 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Muller:1999:AA

[524] Heike Müller, Torsten Hilbrich, and Ralf Kühnel. An assistant agent. *Fundamenta Informaticae*, 39(3):327–336, August 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Chikalov:1999:ATC

[525] Igor Chikalov. On average time complexity of decision trees and branching programs. *Fundamenta Informaticae*, 39(4):337–357, September 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ejdys:1999:MWL

[526] Piotr Ejdys and Grzegorz Góra. The more we learn the less we know? *Fundamenta Informaticae*, 39(4):359–374, September 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Hage:1999:MPS

[527] Jurriaan Hage. The membership problem for switching classes with skew gains. *Fundamenta Informaticae*, 39(4):375–387, September 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Marek:1999:CTR

[528] V. Wiktor Marek and Mirosław Truszczyński. Contributions to the theory of rough sets. *Fundamenta Informaticae*, 39(4):389–409, September 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Woltert:1999:MDL

[529] Prank Woltert and Michael Zakharyaschev. Modal description logics: modalizing roles. *Fundamenta Informaticae*, 39(4):411–438, September 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ambainis:1999:IIP

[530] Andris Ambainis, Rūsiņš Freivalds, and Carl H. Smith. Inductive inference with procrastination: Back to definitions. *Fundamenta Informaticae*, 40 (1):1–16, October 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Doherty:1999:MQD

[531] Patrick Doherty, Jarosław Kachniarz, and Andrzej Szałas. Meta-queries on deductive databases. *Fundamenta Informaticae*, 40(1):17–30, October 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Johnson:1999:PDD

[532] C. A. Johnson. Processing deductive databases under the disjunctive stable model semantics. *Fundamenta Informaticae*, 40(1):31–51, October 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Preoteasa:1999:RBU

[533] Viorel Preoteasa. A relation between unambiguous regular expressions and abstract data types. *Fundamenta Informaticae*, 40(1):53–77, October 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Su:1999:CES

[534] Kaile Su and Wei Li. Computation of extensions of seminormal default theories. *Fundamenta Informaticae*, 40(1):79–102, October 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Janicki:1999:P

[535] Ryszard Janicki. Preface. *Fundamenta Informaticae*, 40(2–3):??, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Koutny:1999:PLC

[536] Maciej Koutny. Peter Lauer and COSY. *Fundamenta Informaticae*, 40(2–3):103–107, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Arnold:1999:AFD

[537] André Arnold, Gérald Point, Alain Griffault, and Antoine Rauzy. The AltaRica formalism for describing concurrent systems. *Fundamenta Informaticae*, 40(2–3):109–124, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Best:1999:GCO

[538] Eike Best and Alexander Lavrov. Generalised composition operations for high-level Petri nets. *Fundamenta Informaticae*, 40(2–3):125–163, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Busi:1999:PSP

[539] Nadia Busi and G. Michele Pinna. Process semantics for place/transition nets with inhibitor and read arcs. *Fundamenta Informaticae*, 40(2–3):165–197, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Devillers:1999:GRT

[540] Raymond Devillers and Joël Goossens. General response time computation for the deadline driven scheduling of periodic tasks. *Fundamenta*

Informaticae, 40(2–3):199–219, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Maggiolo-Schettini:1999:ATA

[541] Andrea Maggiolo-Schettini and Simone Tini. Applying techniques of asynchronous concurrency to synchronous languages. *Fundamenta Informaticae*, 40(2–3):221–250, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Pietkiewicz-Koutny:1999:SPE

[542] Marta Pietkiewicz-Koutny. The synthesis problem for elementary net systems with inhibitor arcs. *Fundamenta Informaticae*, 40(2–3):251–283, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Shields:1999:AVS

[543] M. W. Shields. An acceptance vector semantics for path programs. *Fundamenta Informaticae*, 40(2–3):285–316, November 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

delCerro:1999:TBD

[544] Luis Fariñas del Cerro and Olivier Gasquet. Tableaux based decision procedures for modal logics of confluence and density. *Fundamenta Informaticae*, 40(4):317–333, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

denHartog:1999:FAM

[545] J. I. den Hartog, E. P. de Vink, and J. W. de Bakker. Full abstractness of a metric semantics for action refinement. *Fundamenta Informaticae*, 40 (4):335–382, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Nguyen:1999:RSA

[546] Hung Son Nguyen and Sinh Hoa Nguyen. Rough sets and association rule generation. *Fundamenta Informaticae*, 40(4):383–405, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).

Ordman:1999:GME

[547] E. T. Ordman, E. Eberbach, and A. Anwar. Generalized mutual exclusion with semaphores only. *Fundamenta Informaticae*, 40(4):407–422, December 1999. CODEN FUMAAJ. ISSN 0169-2968 (print), 1875-8681 (electronic).