A Bibliography of Papers in *Lecture Notes in Computer Science* (1996), Part 2 of 2

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References

Pfitzmann:1996:DSS

[1] B. Pfitzmann. Digital signature schemes: General framework and fail-stop signatures. *Lecture Notes in Computer Science*, 1100:xvi + 396, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fitzgerald:1996:TIT

[2] J. S. Fitzgerald. Two industrial trials of formal specification. *Lecture Notes in Computer Science*, 1101:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VandenBrand:1996:IAA

[3] M. Van den Brand, A. Van Deursen, P. Klint, and S. Klusener. Industrial applications of ASF+SDF. *Lecture Notes in Computer Science*, 1101:9–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnold:1996:ESE

[4] A. Arnold, D. Begay, and J.-P Radoux. The embedded software of an electricity meter: An experience in using formal methods in an industrial project. *Lecture Notes in Computer Science*, 1101:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mandrioli:1996:ARR

[5] D. Mandrioli. Applying research results in the industrial environment: The case of the TRIO specification language. *Lecture Notes in Computer Science*, 1101:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kraemer:1996:UHF

[6] B. J. Kraemer. Using heterogeneous formal methods in distributed software engineering education. *Lecture Notes in Computer Science*, 1101:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sankar:1996:IFM

[7] S. Sankar. Introducing formal methods to software engineers through OMG's CORBA environment and interface definition language. *Lecture Notes in Computer Science*, 1101:52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:TCA

[8] D. R. Smith. Toward a classification approach to design. *Lecture Notes in Computer Science*, 1101:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Howe:1996:SFE

[9] D. J. Howe. Semantic foundations for embedding HOL in Nuprl. *Lecture Notes in Computer Science*, 1101:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gavilanes:1996:FVT

[10] A. Gavilanes, J. Leach, and S. Nieva. Free variable tableaux for a many sorted logic with preorders. *Lecture Notes in Computer Science*, 1101:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapur:1996:AIM

[11] D. Kapur and M. Subramaniam. Automating induction over mutually recursive functions. *Lecture Notes in Computer Science*, 1101:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haxthausen:1996:POS

[12] A. E. Haxthausen and F. Nickl. Pushouts of order-sorted algebraic specifications. *Lecture Notes in Computer Science*, 1101:132–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ancona:1996:FFM

[13] D. Ancona and E. Zucca. A formal framework for modules with state. *Lecture Notes in Computer Science*, 1101: 148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hennicker:1996:OOI

[14] R. Hennicker and C. Schmitz. Object-oriented implementation of abstract data type specifications. *Lecture Notes in Computer Science*, 1101:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fokkink:1996:CEK

[15] W. Fokkink. On the completeness of the equations for the Kleene star in bisimulation. *Lecture Notes in Computer Science*, 1101:180–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aceto:1996:EAO

[16] L. Aceto and A. Ingolfsdottir. An equational axiomatization of observation congruence for prefix iteration. *Lecture Notes in Computer Science*, 1101: 195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ulidowski:1996:FAS

[17] I. Ulidowski. Finite axiom systems for testing preorder and De Simone process languages. *Lecture Notes in Computer Science*, 1101:210–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berry:1996:CSE

[18] G. Berry. Constructive semantics of Esterel: From theory to practice. *Lecture Notes in Computer Science*, 1101: 225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marcus:1996:UGV

[19] M. Marcus and A. Pnueli. Using ghost variables to prove refinement. *Lecture Notes in Computer Science*, 1101:226–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fraer:1996:TOV

[20] R. Fraer. Tracing the origins of verification conditions. *Lecture Notes in Computer Science*, 1101:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gribomont:1996:PIV

[21] E. P. Gribomont. Preprocessing for invariant validation. *Lecture Notes in Computer Science*, 1101:256–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

LeBorgne:1996:FVS

[22] M. Le Borgne, H. Marchand, E. Rutten, and M. Samaan. Formal verification of SIGNAL programs: Application to a power transformer station controller. *Lecture Notes in Computer Science*, 1101:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bergstra:1996:DTT

[23] J. A. Bergstra and P. Klint. The discrete time TOOLBUS. *Lecture Notes in Computer Science*, 1101:286–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:SSV

[24] X. J. Chen, F. Corradini, and R. Gorrieri. A study on the specification and verification of performance properties. *Lecture Notes in Computer Science*, 1101:306–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boreale:1996:SBT

[25] M. Boreale. Symbolic bisimulation for timed processes. *Lecture Notes in Computer Science*, 1101:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Isobe:1996:AAP

[26] Y. Isobe, Y. Sato, and K. Ohmaki. Approximative analysis by process algebra with graded spatial actions. *Lecture Notes in Computer Science*, 1101: 336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hehner:1996:BFE

[27] E. C. R. Hehner. Boolean formalism and explanations. *Lecture Notes in Computer Science*, 1101:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marchiori:1996:PET

[28] M. Marchiori. Proving existential termination of normal logic programs. *Lecture Notes in Computer Science*, 1101:375–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harland:1996:PLO

[29] J. Harland, D. Pym, and M. Winikoff. Programming in Lygon: An overview. *Lecture Notes in Computer Science*, 1101:391–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

KrishnaRao:1996:SCS

[30] M. R. K. Krishna Rao. Some characteristics of strong innermost normalization. *Lecture Notes in Computer Science*, 1101:406–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fiadeiro:1996:EPC

[31] J. L. Fiadeiro. On the emergence of properties in component-based systems. *Lecture Notes in Computer Science*, 1101:421–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paech:1996:AVS

[32] B. Paech. Algebraic view specification. *Lecture Notes in Computer Science*, 1101:444–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernot:1996:THF

[33] G. Bernot, S. Coudert, and P. Le Gall. Towards heterogeneous formal specifications. *Lecture Notes in Computer Science*, 1101:458–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baier:1996:CCC

[34] C. Baier and M. Majster-Cederbaum. A categorical characterization of consistency results. *Lecture Notes in Computer Science*, 1101:473–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broy:1996:ASR

[35] M. Broy. Algebraic specification of reactive systems. *Lecture Notes in Computer Science*, 1101:487–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grosu:1996:MMP

[36] R. Grosu and K. Stoelen. A model for mobile point-to-point data-flow networks without channel sharing. *Lecture Notes in Computer Science*, 1101: 504–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacobs:1996:CSM

[37] B. Jacobs. Coalgebraic specifications and models of deterministic hybrid systems. *Lecture Notes in Computer Science*, 1101:520–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Groote:1996:BRP

[38] J. F. Groote and J. Van de Pol. A bounded retransmission protocol for large data packets. *Lecture Notes in Computer Science*, 1101:536–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juellig:1996:SAE

[39] R. Juellig, Y. Srinivas, and J. Liu. SPECWARE: An advanced environment for the formal development of complex software systems. *Lecture Notes in Computer Science*, 1101:551–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bidoit:1996:AIS

[40] M. Bidoit, C. Choppy, and F. Voisin. ASSPEGIQUE0+: An integrated specification environment providing interoperability of tools. *Lecture Notes in Computer Science*, 1101:555–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Didrich:1996:TIA

[41] K. Didrich, C. Gerke, W. Grieskamp, and C. Maeder. Towards integrating algebraic specification and functional programming: the Opal system. *Lecture Notes in Computer Science*, 1101:559–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geisler:1996:IIT

[42] R. Geisler, M. Klar, and F. Cornelius. InterACT: An interactive theorem prover for algebraic specifications. *Lecture Notes in Computer Science*, 1101:563–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voisin:1996:NPMa

[43] F. Voisin. A new proof-manager and graphic interface for the Larch prover. *Lecture Notes in Computer*

Science, 1101:567–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kawaguchi:1996:TVE

[44] N. Kawaguchi, T. Sakabe, and Y. Inagaki. TERSE: a visual environment for supporting analysis, verification and transformation of term rewriting systems. *Lecture Notes in Computer Science*, 1101:571–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klint:1996:TCA

[45] P. Klint and P. Olivier. The TOOLBUS coordination architecture: a demonstration. *Lecture Notes in Computer Science*, 1101:575–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanDeursen:1996:AAS

[46] A. Van Deursen and P. D. Mosses. ASD: The action semantic description tools. *Lecture Notes in Computer Science*, 1101:579–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poetzsch-Heffter:1996:UOE

[47] A. Poetzsch-Heffter. Using occurrence and evolving algebras for the specification of language-based programming tools. *Lecture Notes in Computer Science*, 1101:583–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buckland:1996:ESM

[48] R. Buckland and M. Johnson. ECHIDNA: a system for manipulating explicit choice higher dimensional automata. *Lecture Notes in Computer Science*, 1101:587–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melzer:1996:VUP

[49] S. Melzer, S. Roemer, and J. Esparza. Verification using PEP. *Lecture Notes in Computer Science*, 1101: 591–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouali:1996:FSa

[50] A. Bouali, A. Ressouche, V. Roy, and R. De Simone. The FC2TOOLS set. *Lecture Notes in Computer Science*, 1101:595–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harland:1996:PLS

[51] J. Harland, D. Pym, and M. Winikoff. Programming in Lygon: a system demonstration. *Lecture Notes in Computer Science*, 1101:599–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertot:1996:CSPa

[52] J. Bertot and Y. Bertot. CtCoq: a system presentation. *Lecture Notes in Computer Science*, 1101:600–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VonHenke:1996:TSV

[53] F. W. Von Henke, M. Luther, H. Pfeiffer, and H. Ruess. The TYPELAB specification and verification environment. *Lecture Notes in Computer Science*, 1101:604–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steffen:1996:IF

[54] B. Steffen, T. Margaria, A. Classen, and V. Braun. Incremental formalization. *Lecture Notes in Computer Science*, 1101:608–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Souquieres:1996:PSD

[55] J. Souquieres and N. Levy. Proplane: a specification development environment. *Lecture Notes in Computer Science*, 1101:612–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parot:1996:LBT

[56] P. Parot. A logic-based technology to mechanize software components reuse. *Lecture Notes in Computer Science*, 1101:616–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulte:1996:TFG

[57] W. Schulte, T. Schwinn, and T. Vullinghs. TkGofer: a functional GUI library. *Lecture Notes in Computer Science*, 1101:621–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Erdmann:1996:ACL

[58] S. Erdmann and I. Classen. Alpha — A class library for a metamodel based on algebraic graph theory. *Lecture Notes in Computer Science*, 1101:625–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bert:1996:RGF

[59] D. Bert, R. Echahed, and K. Adi. Resolution of goals with the functional and logic programming language LPG: Impact of abstract interpretation. *Lecture Notes in Computer Science*, 1101:629–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buendgen:1996:CRC

[60] R. Buendgen and W. Lauterbach. Combining reductions and computations in ReDuX. *Lecture Notes in Computer Science*, 1101:633–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Limet:1996:CDN

[61] S. Limet and P. Rety. Conditional directed narrowing. *Lecture Notes in Computer Science*, 1101:637–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boigelot:1996:SVC

[62] B. Boigelot and P. Godefroid. Symbolic verification of communication protocols with infinite state spaces using QDDs. *Lecture Notes in Computer Science*, 1102:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McMillan:1996:CDB

[63] K. L. McMillan. A conjunctively decomposed Boolean representation for symbolic model checking. *Lecture Notes in Computer Science*, 1102:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Avrunin:1996:SMC

[64] G. S. Avrunin. Symbolic model checking using algebraic geometry. *Lecture Notes in Computer Science*, 1102:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pistore:1996:PRA

[65] M. Pistore and D. Sangiorgi. A partition refinement algorithm for the λ(?)-calculus. *Lecture Notes in Computer Science*, 1102:38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baier:1996:PTA

[66] C. Baier. Polynomial-time algorithms for testing probabilistic bisimulation and simulation. *Lecture Notes in Computer Science*, 1102:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walukiewicz:1996:PPG

[67] I. Walukiewicz. Pushdown processes: games and model checking. *Lecture Notes in Computer Science*, 1102:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kupferman:1996:MC

[68] O. Kupferman and M. Y. Vardi. Module checking. *Lecture Notes in Computer Science*, 1102:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emerson:1996:AVP

[69] E. A. Emerson and K. S. Namjoshi. Automatic verification of parameterized synchronous systems. *Lecture Notes in Computer Science*, 1102:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shukla:1996:HMC

[70] S. K. Shukla, H. B. Hunt, and D. J. Rosenkrantz. HORNSAT, model checking, verification, and games. *Lecture Notes in Computer Science*, 1102: 99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clarke:1996:VSD

[71] E. M. Clarke, S. M. German, and X. Zhao. Verifying the SRT division algorithm using theorem proving techniques. *Lecture Notes in Computer Science*, 1102:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruess:1996:MVS

[72] H. Ruess, N. Shankar, and M. K. Srivas. Modular verification of SRT division. *Lecture Notes in Computer Science*, 1102:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapur:1996:MVF

[73] D. Kapur and M. Subramaniam. Mechanically verifying a family of multiplier circuits. *Lecture Notes in Computer Science*, 1102:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ip:1996:VSR

[74] C. N. Ip and D. L. Dill. Verifying systems with replicated components in Murcursive phi. *Lecture Notes in*

Computer Science, 1102:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fujita:1996:VAC

[75] M. Fujita. Verification of arithmetic circuits by comparing two similar circuits. *Lecture Notes in Computer Science*, 1102:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rushby:1996:ADF

[76] J. M. Rushby. Automated deduction and formal methods. *Lecture Notes in Computer Science*, 1102:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pnueli:1996:PCD

[77] A. Pnueli and E. Shahar. A platform for combining deductive with algorithmic verification. *Lecture Notes in Computer Science*, 1102:184–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graf:1996:VIU

[78] S. Graf and H. Saidi. Verifying invariants using theorem proving. *Lecture Notes in Computer Science*, 1102: 196–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sipma:1996:DMC

[79] H. B. Sipma, T. E. Uribe, and Z. Manna. Deductive model checking. *Lecture Notes in Computer Science*, 1102:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berregeb:1996:AVI

[80] N. Berregeb, A. Bouhoula, and M. Rusinowitch. Automated verification by induction with associative-commutative operators. *Lecture Notes in Computer Science*, 1102:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tripakis:1996:ATS

[81] S. Tripakis and S. Yovine. Analysis of timed systems based on time-abstracting bisimulations. *Lecture Notes in Computer Science*, 1102:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bengtsson:1996:VAP

[82] J. Bengtsson, W. O. D. Griffioen, K. J. Kristoffersen, and K. G. Larsen. Verification of an audio protocol with bus collision using UPPAAL. *Lecture Notes in Computer Science*, 1102:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Campos:1996:SQA

[83] S. Campos and O. Grumberg. Selective quantitative analysis and interval model checking: verifying different facets of a system. *Lecture Notes in Computer Science*, 1102:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aziz:1996:VCT

[84] A. Aziz, K. Sanwal, V. Singhal, and R. K. Brayton. Verifying continuous-time Markov chains. *Lecture Notes in Computer Science*, 1102:269–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greenstreet:1996:VSP

[85] M. R. Greenstreet. Verifying safety properties of differential equations. *Lecture Notes in Computer Science*, 1102:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeAlfaro:1996:TVD

[86] L. De Alfaro and Z. Manna. Temporal verification by diagram transformations. *Lecture Notes in Computer Science*, 1102:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Park:1996:PVA

[87] S. Park and D. L. Dill. Protocol verification by aggregation of distributed transactions. *Lecture Notes in Computer Science*, 1102:300–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gribomont:1996:ART

[88] E. P. Gribomont. Atomicity refinement and trace reduction theorems. *Lecture Notes in Computer Science*, 1102:311–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bensalem:1996:PTA

[89] S. Bensalem, Y. Lakhnech, and H. Saidi. Powerful techniques for the automatic generation of invariants. *Lecture Notes in Computer Science*, 1102:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miller:1996:SSF

[90] H. Miller and S. Katz. Saving space by fully exploiting invisible transitions. *Lecture Notes in Computer Science*, 1102:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez:1996:UFV

[91] J.-C. Fernandez, C. Jard, T. Jeron, and G. Viho. Using on-the-fly verification techniques for the generation of test suites. *Lecture Notes in Computer Science*, 1102:348–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nelken:1996:ATN

[92] R. Nelken and N. Francez. Automatic translation of natural-language system specifications into temporal logic. *Lecture Notes in Computer Science*, 1102: 360–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kupferman:1996:VFT

[93] O. Kupferman and M. Y. Vardi. Verification of fair transition systems. *Lecture Notes in Computer Science*, 1102: 372–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzmann:1996:SS

[94] G. J. Holzmann and D. Peled. The state of SPIN. *Lecture Notes in Computer Science*, 1102:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dill:1996:MPV

[95] D. L. Dill. The Murcursive phi verification system. *Lecture Notes in Computer Science*, 1102:390–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cleaveland:1996:NCW

[96] R. Cleaveland and S. Sims. The NCSU concurrency workbench. *Lecture Notes in Computer Science*, 1102: 394–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cleaveland:1996:CFD

[97] R. Cleaveland, P. M. Lewis, S. A. Smolka, and O. Sokolsky. The concurrency factory: a development environment for concurrent systems. *Lecture Notes in Computer Science*, 1102:398–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clarke:1996:XIG

[98] D. Clarke, H. Ben-Abdallah, I. Lee, and H.-L. Xie. XVERSA: an integrated graphical and textual toolset for the specification and analysis of resource-bound real-time systems. *Lecture Notes in Computer Science*, 1102: 402–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Merino:1996:EIF

[99] P. Merino and J. M. Troya. EVP: integration of FDTs for the analysis and verification of communication protocols. *Lecture Notes in Computer Science*, 1102:406–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Owre:1996:PCS

[100] S. Owre, S. Rajah, J. M. Rushby, and N. Shankar. PVS: combining specification, proof checking, and model checking. *Lecture Notes in Computer Science*, 1102:411–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bjoerner:1996:SDA

[101] N. Bjoerner, A. Browne, E. Chang, and M. Colon. STeP: deductive-algorithmic verification of reactive and real-time systems. *Lecture Notes in Computer Science*, 1102:415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clarke:1996:SMC

[102] E. M. Clarke, K. L. McMillan, S. Campos, and V. Hartonas-Garmhausen. Symbolic model checking. *Lecture Notes in Computer Science*, 1102:419–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hardin:1996:C

[103] R. H. Hardin, Z. Har'El, and R. P. Kurshan. COSPAN. *Lecture Notes in Computer Science*, 1102:423–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brayton:1996:VSV

[104] R. K. Brayton, G. D. Hachtel, A. Sangiovanni-Vincentelli, and F. Somenzi. VIS: a system for verification and synthesis. *Lecture Notes in Computer Science*, 1102:428–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anon:1996:MTV

[105] K. D. Anon, N. Boulerice, E. Cerny, and F. Corella. MDG tools for the verification of RTL designs. *Lecture Notes in Computer Science*, 1102:433–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez:1996:CPV

[106] J.-C. Fernandez, H. Garavel, A. Kerbrat, and L. Mounier. CADP: a protocol validation and verification toolbox. *Lecture Notes in Computer Science*, 1102:437–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouali:1996:FSb

[107] A. Bouali, A. Ressouche, V. Roy, and R. De Simone. The FC2Tools set. *Lecture Notes in Computer Science*, 1102:441–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moser:1996:RTG

[108] L. E. Moser, P. M. Melliar-Smith, Y. S. Ramakrishna, and G. Kutty. The real-time graphical interval logic toolset. *Lecture Notes in Computer Science*, 1102:446–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steffen:1996:ME

[109] B. Steffen, T. Margaria, A. Classen, and V. Braun. The METAFrame '95 environment. *Lecture Notes in Computer Science*, 1102:450–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koob:1996:VSE

[110] F. Koob, M. Ullmann, and S. Wittmann. Verification support environment. *Lecture Notes in Computer Science*, 1102: 454–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ambroise:1996:MTS

[111] D. Ambroise and B. Rozoy. MARRELLA: a tool for simulation and verification. *Lecture Notes in Computer Science*, 1102:458–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gonthier:1996:VSP

[112] G. Gonthier. Verifying the safety of a practical concurrent garbage collector. *Lecture Notes in Computer Science*, 1102:462–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Capellmann:1996:VBA

[113] C. Capellmann, R. Demant, F. Fatahi-Vanani, and R. Galvez-Estrada. Verification by behavior abstraction: a case study of service interaction detection in intelligent telephone networks. *Lecture Notes in Computer Science*, 1102:466–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapur:1996:RBA

[114] D. Kapur. Rewrite-based automated reasoning: Challenges ahead. *Lecture Notes in Computer Science*, 1103:1–??,

1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kirchner:1996:FGC

[115] C. Kirchner, C. Lynch, and C. Scharff. Fine-grained concurrent completion. *Lecture Notes in Computer Science*, 1103:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boudet:1996:ACU

[116] A. Boudet, E. Contejean, and C. Marche. AC-complete unification and its application to theorem proving. *Lecture Notes in Computer Science*, 1103:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stuber:1996:STP

[117] J. Stuber. Superposition theorem proving for Abelian groups represented as integer modules. *Lecture Notes in Computer Science*, 1103:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goebel:1996:SGB

[118] M. Goebel. Symideal Gröbner bases. *Lecture Notes in Computer Science*, 1103:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arts:1996:TCS

[119] T. Arts and J. Giesl. Termination of constructor systems. *Lecture Notes in Computer Science*, 1103:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferreira:1996:DEE

[120] M. C. F. Ferreira. Dummy elimination in equational rewriting. *Lecture Notes in Computer Science*, 1103:78–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gramlich:1996:PTI

[121] B. Gramlich. On proving termination by innermost termination. *Lecture Notes in Computer Science*, 1103:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jouannaud:1996:RPO

[122] J.-P. Jouannaud and A. Rubio. A recursive path ordering for higher-order terms in eta-Long — normal form. *Lecture Notes in Computer Science*, 1103:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Virga:1996:HOS

[123] R. Virga. Higher-order superposition for dependent types. *Lecture Notes in Computer Science*, 1103:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hanus:1996:HON

[124] M. Hanus and C. Prehofer. Higher-order narrowing with definitional trees. *Lecture Notes in Computer Science*, 1103:138–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huet:1996:DPA

[125] G. Huet. Design of a proof assistant. *Lecture Notes in Computer Science*, 1103:153–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vittek:1996:CNT

[126] M. Vittek. A compiler for nondeterministic term rewriting systems. *Lecture Notes in Computer Science*, 1103: 154–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bloo:1996:CRS

[127] R. Bloo and K. H. Rose. Combinatory reduction systems with explicit substitution that preserve strong normalisation. *Lecture Notes in Computer Science*, 1103:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kesner:1996:CPE

[128] D. Kesner. Confluence properties of extensional and non-extensional lambda-calculi with explicit substitutions. *Lecture Notes in Computer Science*, 1103: 184–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiCosmo:1996:PSD

[129] R. Di Cosmo. On the power of simple diagrams. *Lecture Notes in Computer Science*, 1103:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerrini:1996:CSP

[130] S. Guerrini, S. Martini, and A. Masini. Coherence for sharing proof nets. *Lecture Notes in Computer Science*, 1103: 215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

KrishnaRao:1996:MTT

[131] M. R. K. Krishna Rao. Modularity of termination in term graph rewriting. *Lecture Notes in Computer Science*, 1103:230–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gramlich:1996:CTC

[132] B. Gramlich and C.-P. Wirth. Confluence of terminating conditional rewrite systems revisited. *Lecture Notes in Computer Science*, 1103:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Madlener:1996:ART

[133] K. Madlener. Applications of rewrite techniques in monoids and rings. *Lecture Notes in Computer Science*, 1103: 260–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lueth:1996:CTR

[134] C. Lueth. Compositional term rewriting: An algebraic proof of Toyama's theorem. *Lecture Notes in Computer Science*, 1103:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Treinen:1996:FOT

[135] R. Treinen. The first-order theory of one-step rewriting is undecidable. *Lecture Notes in Computer Science*, 1103: 276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmidt-Schauss:1996:ADU

[136] M. Schmidt-Schauss. An algorithm for distributive unification. *Lecture Notes in Computer Science*, 1103:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Senizergues:1996:TPO

[137] G. Senizergues. On the termination problem for one-rule semi-Thue systems. *Lecture Notes in Computer Science*, 1103:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Curien:1996:ESO

[138] R. Curien, Z. Qian, and H. Shi. Efficient second-order matching. *Lecture Notes in Computer Science*, 1103:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Levy:1996:LSO

[139] J. Levy. Linear second-order unification. *Lecture Notes in Computer Science*, 1103:332–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fettig:1996:UHO

[140] R. Fettig and B. Loechner. Unification of higher-order patterns in a simply typed lambda-calculus with finite products and terminal type. *Lecture Notes in Computer Science*, 1103:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacquemard:1996:DAT

[141] F. Jacquemard. Decidable approximations of term rewriting systems. *Lecture Notes in Computer Science*, 1103: 362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakai:1996:SSS

[142] M. Sakai and Y. Toyama. Semantics and strong sequentiality of priority term rewriting systems. *Lecture Notes in Computer Science*, 1103:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanOostrom:1996:HOF

[143] V. Van Oostrom. Higher-order families. *Lecture Notes in Computer Science*, 1103:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voisin:1996:NPMb

[144] F. Voisin. A new proof manager and graphic interface for the Larch prover. *Lecture Notes in Computer Science*, 1103:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buendgen:1996:RNF

[145] R. Buendgen, C. Sinz, and J. Walter. ReDuX 1.5: New facets of rewriting. *Lecture Notes in Computer Sci-*

ence, 1103:412–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Contejean:1996:CCM

[146] E. Contejean and C. Marche. CiME: Completion modulo E0*. *Lecture Notes in Computer Science*, 1103:416–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vandevoorde:1996:DLP

[147] M. T. Vandevoorde and D. Kapur. Distributed Larch prover (DLP): An experiment in parallelizing a rewrite-rule based prover. *Lecture Notes in Computer Science*, 1103:420–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walters:1996:EEL

[148] H. R. Walters and J. F. T. Kamperman. EPIC: An equational language — abstract machine and supporting tools. *Lecture Notes in Computer Science*, 1103:424–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berregeb:1996:SAS

[149] N. Berregeb, A. Bouhoula, and M. Rusinowitch. SPIKE-AC: a system for proofs by induction in associative-commutative theories. *Lecture Notes in Computer Science*, 1103:428–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hillenbrand:1996:GEC

[150] T. Hillenbrand, A. Buch, and R. Fettig. On gaining efficiency in completion-based theorem proving. *Lecture Notes in Computer Science*, 1103:432–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ganzinger:1996:SBT

[151] H. Ganzinger. Saturation-based theorem proving: Past successes and future potential. *Lecture Notes in Computer Science*, 1104:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tammet:1996:RTP

[152] T. Tammet. A resolution theorem prover for intuitionistic logic. *Lecture Notes in Computer Science*, 1104:2–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pym:1996:PTC

[153] D. Pym, E. Ritter, and L. Wallen. Proof-terms for classical and intuitionistic resolution. *Lecture Notes in Computer Science*, 1104:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voronkov:1996:PSI

[154] A. Voronkov. Proof-search in intuitionistic logic with equality, or back to simultaneous rigid E-unification. *Lecture Notes in Computer Science*, 1104:32–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ireland:1996:EGC

[155] A. Ireland and A. Bundy. Extensions to a generalization critic for inductive proof. *Lecture Notes in Computer Science*, 1104:47–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denzinger:1996:LDK

[156] J. Denzinger and S. Schulz. Learning domain knowledge to improve theorem proving. *Lecture Notes in Computer Science*, 1104:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Protzen:1996:PFC

[157] M. Protzen. Patching faulty conjectures. *Lecture Notes in Computer Science*, 1104:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melis:1996:IAT

[158] E. Melis and J. Whittle. Internal analogy in theorem proving. *Lecture Notes in Computer Science*, 1104:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolbe:1996:TTP

[159] T. Kolbe and C. Walther. Termination of theorem proving by reuse. *Lecture Notes in Computer Science*, 1104:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sengler:1996:TAN

[160] C. Sengler. Termination of algorithms over non-freely generated data types. *Lecture Notes in Computer Science*, 1104:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giunchiglia:1996:APC

[161] F. Giunchiglia and A. Villafiorita. Absfol: a proof checker with abstraction. *Lecture Notes in Computer Science*, 1104:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weidenbach:1996:SFV

[162] C. Weidenbach, B. Gaede, and G. Rock. Spass and Flotter version 0.42. *Lecture Notes in Computer Science*, 1104:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suttner:1996:DCA

[163] C. Suttner and G. Sutcliffe. The design of the CADE-13 ATP system competition. *Lecture Notes in Computer Science*, 1104:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

JuergenOhlbach:1996:SEP

[164] H. Juergen Ohlbach. Scan — elimination of predicate quantifiers. *Lecture Notes in Computer Science*, 1104:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohlbach:1996:SEP

[165] H. Juergen Ohlbach. Scan — elimination of predicate quantifiers. *Lecture Notes in Computer Science*, 1104:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:GGT

[166] D. Wang. Geother: a geometry theorem prover. *Lecture Notes in Computer Science*, 1104:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Basin:1996:SMI

[167] D. Basin and S. Matthews. Structuring metatheory on inductive definitions. *Lecture Notes in Computer Science*, 1104:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rasmussen:1996:ERI

[168] O. Rasmussen. An embedding of Ruby in Isabelle. *Lecture Notes in Computer Science*, 1104:186–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Homeier:1996:MVM

[169] P. V. Homeier and D. F. Martin. Mechanical verification of mutually recursive procedures. *Lecture Notes in Computer Science*, 1104:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Felici:1996:FDT

[170] G. Felici, G. Rinaldi, and K. Truemper. FasTraC: a decentralized traffic control system based on logic programming. *Lecture Notes in Computer Science*, 1104:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1996:PMF

[171] X. Huang and A. Fiedler. Presenting machine-found proofs. *Lecture Notes in Computer Science*, 1104:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baaz:1996:MTE

[172] M. Baaz, C. G. Fermueller, G. Salzer, and R. Zach. MUltlog 1.0: towards an expert system for many-valued logics. *Lecture Notes in Computer Science*, 1104:226–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertot:1996:CSPb

[173] J. Bertot and Y. Bertot. CtCoq: a system presentation. *Lecture Notes in Computer Science*, 1104:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chou:1996:IGE

[174] S.-C. Chou, X.-S. Gao, and J.-Z. Zhang. An introduction to geometry expert. *Lecture Notes in Computer Science*, 1104:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schumann:1996:SSC

[175] J. Schumann. SiCoTHEO: simple competitive parallel theorem provers. *Lecture Notes in Computer Science*, 1104: 240–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scott:1996:WCW

[176] D. S. Scott. What can we hope to achieve from automated deduction? *Lecture Notes in Computer Science*, 1104:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hermann:1996:UAC

[177] M. Hermann and P. G. Kolaitis. Unification algorithms cannot be combined in polynomial time. *Lecture Notes in Computer Science*, 1104:246–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guo:1996:UMM

[178] Q. Guo, P. Narendran, and D. A. Wolfram. Unification and matching modulo nilpotence. *Lecture Notes in Computer Science*, 1104:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vorobyov:1996:ILB

[179] S. Vorobyov. An improved lower bound for the elementary theories of trees. *Lecture Notes in Computer Science*, 1104:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dieter:1996:ING

[180] H. Dieter and C. Sengler. INKA: the next generation. *Lecture Notes in Computer Science*, 1104:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaub:1996:XPT

[181] T. Schaub, S. Bruening, and P. Nicolas. XRay: a Prolog technology theorem prover for default reasoning: a system description. *Lecture Notes in Computer Science*, 1104:293–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Farmer:1996:IUS

[182] W. M. Farmer, J. D. Guttman, and F. J. Thayer Fabrega. IMPS: an updated system description. *Lecture Notes in Computer Science*, 1104:298–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beckert:1996:TBT

[183] B. Beckert, R. Haehnle, P. Oel, and M. Sulzmann. The tableau-based theorem prover 3T0AP, version 4.0. *Lecture Notes in Computer Science*, 1104:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:SDG

[184] J. Zhang and H. Zhang. System description: generating models by SEM. *Lecture Notes in Computer Science*, 1104:308–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harrison:1996:OPS

[185] J. Harrison. Optimizing proof search in model elimination. *Lecture Notes in Computer Science*, 1104:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sagonas:1996:AMF

[186] K. Sagonas, T. Swift, and D. S. Warren. An abstract machine for fixed-order dynamically stratified programs. *Lecture Notes in Computer Science*, 1104:328–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weidenbach:1996:UPL

[187] C. Weidenbach. Unification in pseudo-linear sort theories is decidable. *Lecture Notes in Computer Science*, 1104:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martin:1996:TPG

[188] U. Martin. Theorem proving with group presentations: examples and questions. *Lecture Notes in Computer Science*, 1104:358–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Middeldorp:1996:TTS

[189] A. Middeldorp, H. Ohsaki, and H. Zantema. Transforming termination by self-labelling. *Lecture Notes in Computer Science*, 1104:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ganzinger:1996:TPC

[190] H. Ganzinger and U. Waldmann. Theorem proving in cancellative Abelian monoids (extended abstract). *Lecture Notes in Computer Science*, 1104:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Egly:1996:PVD

[191] U. Egly and T. Rath. On the practical value of different definitional translations to normal form. *Lecture Notes in Computer Science*, 1104:403–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmitt:1996:CNC

[192] S. Schmitt and C. Kreitz. Converting non-classical matrix proofs into sequent-style systems. *Lecture Notes in Computer Science*, 1104:418–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuetz:1996:EMG

[193] H. Schuetz and T. Geisler. Efficient model generation through compilation. *Lecture Notes in Computer Science*, 1104:433–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Linton:1996:AAD

[194] S. Linton, U. Martin, P. Proehle, and D. Shand. Algebra and automated deduction. *Lecture Notes in Computer Science*, 1104:448–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cyrluk:1996:SDP

[195] D. Cyrluk, P. Lincoln, and N. Shankar. On Shostak's decision procedure for combinations of theories. *Lecture Notes in Computer Science*, 1104:463–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

BoydelaTour:1996:GRG

[196] T. Boy de la Tour. Ground resolution with group computations on semantic symmetries. *Lecture Notes in Computer Science*, 1104:478–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roussel:1996:NMK

[197] O. Roussel and P. Mathieu. A new method for knowledge compilation: the achievement by cycle search. *Lecture Notes in Computer Science*, 1104:493–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Snyder:1996:RSP

[198] W. Snyder and J. G. Schmolze. Rewrite semantics for production rule systems: theory and applications. *Lecture Notes in Computer Science*, 1104:508–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchs:1996:EHU

[199] M. Fuchs. Experiments in the heuristic use of past proof experience. *Lecture Notes in Computer Science*, 1104: 523–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kapur:1996:LDA

[200] D. Kapur and M. Subramaniam. Lemma discovery in automating induction. *Lecture Notes in Computer Science*, 1104:538–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graf:1996:AIO

[201] P. Graf and C. Meyer. Advanced indexing operations on substitution trees. *Lecture Notes in Computer Science*, 1104:553–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fermueller:1996:STR

[202] C. G. Fermueller. Semantic trees revisited: some new completeness results. *Lecture Notes in Computer Science*, 1104:568–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giunchiglia:1996:BDP

[203] F. Giunchiglia and R. Sebastiani. Building decision procedures for modal logics from propositional decision procedures — the case study of modal K. *Lecture Notes in Computer Science*, 1104:583–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nonnengart:1996:RBC

[204] A. Nonnengart. Resolution-based calculi for modal and temporal logics. *Lecture Notes in Computer Science*, 1104: 598–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeGiacomo:1996:TAP

[205] G. De Giacomo and F. Massacci. Tableaux and algorithms for propositional dynamic logic with converse. *Lecture Notes in Computer Science*, 1104:613–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruess:1996:RFT

[206] H. Ruess. Reflection of formal tactics in a deductive reflection framework. *Lecture Notes in Computer Science*, 1104:628–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McAllester:1996:WR

[207] D. McAllester and K. Arkoudas. Walther recursion. *Lecture Notes in Computer Science*, 1104:643–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Felty:1996:PSS

[208] A. Felty. Proof search with set variable instantiation in the calculus of constructions. *Lecture Notes in Computer Science*, 1104:658–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dixon:1996:SSR

[209] C. Dixon. Search strategies for resolution in temporal logics. *Lecture Notes in Computer Science*, 1104:673–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salzer:1996:OAM

[210] G. Salzer. Optimal axiomatizations for multiple-valued operators and quantifiers based on semi-lattices. *Lecture Notes in Computer Science*, 1104:688–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luz-Filho:1996:GSC

[211] S. F. Luz-Filho. Grammar specification in categorical logics and theorem proving. *Lecture Notes in Computer Science*, 1104:703–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graf:1996:PIA

[212] P. Graf. Path indexing for AC-theories. *Lecture Notes in Computer Science*, 1104:718–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nipkow:1996:MCR

[213] T. Nipkow. More Church–Rosser proofs (in Isabelle/HOL). *Lecture Notes in Computer Science*, 1104:733–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Park:1996:PMS

[214] Tai Joon Park and A. Van Gelder. Partitioning methods for satisfiability testing on large formulas. *Lecture Notes in Computer Science*, 1104:748–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pichler:1996:SSS

[215] F. Pichler, H. Schwaertzel, and R. Moreno-Diaz. Systems science and systems technology: From conceptual framework to applicable solutions. *Lecture Notes in Computer Science*, 1105: 3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klir:1996:SCA

[216] G. J. Klir. Soft computer-aided system theory and technology (SCAST). *Lecture Notes in Computer Science*, 1105: 13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zeigler:1996:FSC

[217] B. P. Zeigler. Fundamental systems concepts: "The Right Stuff" for 21st Century technology. *Lecture Notes in Computer Science*, 1105:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wymore:1996:SDS

[218] A. W. Wymore. SYNERGY: The design of a systems engineering system, I. *Lecture Notes in Computer Science*, 1105:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hill:1996:CCS

[219] G. Hill. The configuration of complex systems. *Lecture Notes in Computer Science*, 1105:46–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Praehofer:1996:EDE

[220] H. Praehofer and B. P. Zeigler. On the expressibility of discrete event specified systems. *Lecture Notes in Computer Science*, 1105:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joslyn:1996:OOA

[221] C. Joslyn. An object-oriented architecture for possibilistic models. *Lecture Notes in Computer Science*, 1105: 80–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tuerksen:1996:FES

[222] I. B. Tuerksen. Fuzzy expert system technology. *Lecture Notes in Computer Science*, 1105:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benslimane:1996:DBS

[223] A. Benslimane. Deciding boundedness for systems of two linear communicating finite state machines. *Lecture Notes in Computer Science*, 1105:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tomiyama:1996:FKI

[224] T. Tomiyama, Y. Umeda, and T. Kidyama. A framework for knowledge intensive engineering. *Lecture Notes in Computer Science*, 1105:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oeren:1996:MKB

[225] T. I. Oeren and N. Ghasem-Aghaee. Multiparadigm (knowledge-based and numerical) continuous simulation environments: Architectural issues. *Lecture Notes in Computer Science*, 1105: 151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voss:1996:DMS

[226] M. Voss and G. Schweizer. A development methodology for systems engineering of computer-based systems and its environmental support. *Lecture Notes in Computer Science*, 1105: 161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaffer:1996:ADC

[227] C. Schaffer. An approach to the design of complex, heterogeneous hardware/ software systems. *Lecture Notes in Computer Science*, 1105:176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corriveau:1996:SRT

[228] J.-P. Corriveau and C. Hayashi. A strategy for realizing traceability in an object-oriented design environment. *Lecture Notes in Computer Science*, 1105:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toledo:1996:TCM

[229] O. B. Toledo, J. C. Q. Losada, R. Moreno-Diaz, and S. C. Sola. Towards a CAST method for a systematic generation of non-orthogonal complete transformations. *Lecture Notes in Computer Science*, 1105:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santos:1996:TFL

[230] M. Santos, S. Dormido, A. P. De Madrid, and F. Morilla. Tuning fuzzy logic controllers by classical techniques. *Lecture Notes in Computer Science*, 1105:214–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ural:1996:CAD

[231] H. Ural and H. Zeng. Computer aided design of protocol converters. *Lecture Notes in Computer Science*, 1105:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmitter:1996:MAE

[232] E. Schmitter. Modelling, analysis and evaluation of systems architectures. *Lecture Notes in Computer Science*, 1105:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blasco:1996:SSP

[233] R. Blasco. Systematic strategy for performance prediction in improvement of parallel programs. *Lecture Notes in Computer Science*, 1105:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bustio:1996:DIM

[234] F. Bustio, P. Corcuera, and E. Mora. Design and implementation of multimedia environment for simulation. *Lecture Notes in Computer Science*, 1105: 268–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubois:1996:TNN

[235] D. M. Dubois, G. Resconi, and A. Raymondi. TurboBrain: a neural network with direct learning based on linear or non-linear threshold logics. *Lecture Notes in Computer Science*, 1105:278–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duro:1996:GER

[236] R. J. Duro, J. Santos, and A. Sarmiento. GENIAL: An evolutionary recurrent neural network designer and trainer. *Lecture Notes in Computer Science*, 1105:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tanir:1996:DES

[237] O. Tanir, V. K. Agarwal, and P. C. P. Bhatt. DASE: An environment for system level telecommunication design exploration and modelling. *Lecture*

Notes in Computer Science, 1105:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oberlik:1996:VTV

[238] G. Oberlik, S. Preishuber, A. M. Tjoa, and R. Wagner. VOMDraw — A tool for visual object modeling. *Lecture Notes in Computer Science*, 1105:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arcieri:1996:CAS

[239] F. Arcieri, M. Fossa, and E. Nardelli. A computer aided system for developing graphical telematic applications. *Lecture Notes in Computer Science*, 1105: 334–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salviano:1996:SAI

[240] C. F. Salviano, M. A. Nascimento, and M. M. Tanik. A simple approach to improve the abstraction level of object representation. *Lecture Notes in Computer Science*, 1105:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller-Wipperfuerth:1996:ICF

[241] T. Mueller-Wipperfuerth. On the integration of CAST.FSM into the VLSI design process. *Lecture Notes in Computer Science*, 1105:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nascimento:1996:ULP

[242] M. A. Nascimento, C. F. Salviano, and M. M. Tanik. Using logic programming to test module specifications in early stages of software development. *Lecture Notes in Computer Science*, 1105:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takahara:1996:STS

[243] Y. Takahara and N. Shiba. Systems theory and systems implementation: Case of DSS. *Lecture Notes in Computer Science*, 1105:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yeh:1996:CCA

[244] G. K. Yeh, J. B. Burr, K. K. Bagchi, and A. M. Peterson. CASCADE: a computer-aided tool for low-energy high-performance Multi-DSP VLSI system design. *Lecture Notes in Computer Science*, 1105:409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thizy:1996:ICP

[245] J.-M. Thizy. Illustrating constraint programming systems in logistic planning. *Lecture Notes in Computer Science*, 1105:423–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jampel:1996:BOC

[246] M. Jampel. A brief overview of over-constrained systems. *Lecture Notes in Computer Science*, 1106:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borning:1996:CH

[247] A. Borning, B. Freeman-Benson, and M. Wilson. Constraint hierarchies. *Lec-*

ture Notes in Computer Science, 1106: 23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freuder:1996:PCS

[248] E. Freuder and R. Wallace. Partial constraint satisfaction. *Lecture Notes in Computer Science*, 1106:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bistarelli:1996:SBC

[249] S. Bistarelli, H. Fargier, U. Montanari, and F. Rossi. Semiring-based CSPs and valued CSPs: Basic properties and comparison. *Lecture Notes in Computer Science*, 1106:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Menezes:1996:DCS

[250] F. Menezes and P. Barahona. Defeasible constraint solving. *Lecture Notes in Computer Science*, 1106:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolf:1996:TOC

[251] A. Wolf. Transforming ordered constraint hierarchies into ordinary constraint systems. *Lecture Notes in Computer Science*, 1106:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jampel:1996:CTC

[252] M. Jampel. A compositional theory of constraint hierarchies. *Lecture Notes in Computer Science*, 1106:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wallace:1996:HMC

[253] R. Wallace and E. Freuder. Heuristic methods for over-constrained constraint satisfaction problems. *Lecture Notes in Computer Science*, 1106:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wallace:1996:CDA

[254] R. Wallace. Cascaded directed arc consistency and no-good learning for the maximal constraint satisfaction problem. *Lecture Notes in Computer Science*, 1106:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dendris:1996:PAC

[255] N. Dendris, L. Kirousis, Y. Stamatiou, and D. Thilikos. Partial arc consistency. *Lecture Notes in Computer Science*, 1106:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gelle:1996:DCS

[256] E. Gelle and I. Smith. Dynamic constraint satisfaction with conflict management in design. *Lecture Notes in Computer Science*, 1106:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sattar:1996:SCP

[257] A. Sattar, A. Ghose, and R. Goebel. Specifying over-constrained problems in default logic. *Lecture Notes in Computer Science*, 1106:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jussien:1996:ICR

[258] N. Jussien and P. Boizumault. Implementing constraint relaxation over finite domains using assumption-based truth maintenance systems. *Lecture Notes in Computer Science*, 1106:265–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weissschnur:1996:ESC

[259] R. Weissschnur, J. Hertzberg, and H. W. Guesgen. Experiences in solving constraint relaxation networks with Boltzmann machines. *Lecture Notes in Computer Science*, 1106:281–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouquet:1996:SCC

[260] F. Bouquet and P. Jegou. Solving over-constrained CSPs using weighted OBDDs. *Lecture Notes in Computer Science*, 1106:293–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Konaka:1996:DPP

[261] H. Konaka, T. Tomokiyo, M. Maeda, and Y. Ishikawa. Data parallel programming in the parallel object-oriented language OCore. *Lecture Notes in Computer Science*, 1107:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guidec:1996:PMP

[262] F. Guidec and J.-M. Jezequel. Polymorphic matrices in Paladin. *Lecture Notes in Computer Science*, 1107:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baba:1996:PDM

[263] T. Baba, T. Yoshinaga, and T. Furuta. Programming and debugging for massive parallelism: The case for a parallel object-oriented language A-NETL. *Lecture Notes in Computer Science*, 1107:38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taura:1996:SCO

[264] K. Taura and A. Yonezawa. Schematic: a concurrent object-oriented extension to Scheme. *Lecture Notes in Computer Science*, 1107:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geib:1996:TOO

[265] J.-M. Geib, C. Gransart, C. Grenot, and P. Merle. (thread and object)-oriented distributed programming. *Lecture Notes in Computer Science*, 1107: 83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clark:1996:DOO

[266] K. L. Clark and F. G. McCabe. Distributed and object oriented symbolic programming in April. *Lecture Notes in Computer Science*, 1107:104–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caromel:1996:RPE

[267] D. Caromel and Y. Roudier. Reactive programming in Eiffel/. *Lecture Notes in Computer Science*, 1107:125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Galmiche:1996:PCO

[268] D. Galmiche and E. Boudinet. Proofs, concurrent objects, and computations in a FILL framework. *Lecture Notes in Computer Science*, 1107:148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bahsoun:1996:MDV

[269] J.-P. Bahsoun, S. Merz, and C. Servieres. Modular description and verification of concurrent objects. *Lecture Notes in Computer Science*, 1107:168–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacquemot:1996:CCC

[270] C. Jacquemot, O. S. Jensen, and S. Carrez. Chorus/Cool: Chorus object oriented technology. *Lecture Notes in Computer Science*, 1107:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lea:1996:AOS

[271] R. Lea, Y. Yokote, and J.-I Itoh. Adaptive operating system design using reflection. *Lecture Notes in Computer Science*, 1107:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Banatre:1996:ICD

[272] M. Banatre, Y. Belhamissi, V. Issarny, and I. Puaut. Isatis: a customizable distributed object-based runtime system. *Lecture Notes in Computer Science*, 1107:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerraoui:1996:LDI

[273] R. Guerraoui, B. Garbinato, and K. Mazouni. Lessons from designing and implementing GARF. *Lecture Notes in Computer Science*, 1107:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takashio:1996:DID

[274] K. Takashio, H. Shitomi, and M. Tokoro. Design and implementation of DROL runtime environment on real-time Mach kernel. *Lecture Notes in Computer Science*, 1107:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Darche:1996:AAM

[275] P. Darche, P.-G. Raverdy, and E. Commelin. ActNet: The Actor model applied to mobile robotic environments. *Lecture Notes in Computer Science*, 1107:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellissard:1996:CBP

[276] L. Bellissard, S. B. Atallah, A. Kerbrat, and M. Riveill. Component-based programming and application management with Olan. *Lecture Notes in Computer Science*, 1107:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsukamoto:1996:VMA

[277] M. Tsukamoto, Y. Hamazaki, T. Nishioka, and H. Otokawa. The version management architecture of an object-oriented distributed systems environment: OZ++. *Lecture Notes in*

Computer Science, 1107:310–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tahara:1996:FSA

[278] Y. Tahara, F. Kumeno, A. Ohsuga, and S. Honiden. Formal semantics of agent evolution in language flage. *Lecture Notes in Computer Science*, 1107: 329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frasson:1996:SCI

[279] C. Frasson. Some characteristics of instructional design for industrial training. *Lecture Notes in Computer Science*, 1108:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeJong:1996:SSB

[280] T. De Jong, H. Haertel, J. Swaak, and W. Van Joolingen. Support for simulation-based learning: The effect of assignments in learning about transmission lines. *Lecture Notes in Computer Science*, 1108:9–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Self:1996:DSM

[281] J. Self. Deconstructionist student models in the computer-based learning of science. *Lecture Notes in Computer Science*, 1108:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vivet:1996:EET

[282] M. Vivet. Evaluating educational technologies: Evaluation of teaching material versus evaluation of learning. *Lecture Notes in Computer Science*, 1108: 37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vanneste:1996:UIE

[283] P. Vanneste, B. De Decker, M. Chrzanowski, and K. Warkentyne. The use of Internet in education. *Lecture Notes in Computer Science*, 1108:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giroux:1996:EAS

[284] S. Giroux, G. Paquette, and J. Girard. Epiphyte advisor systems for collaborative learning. *Lecture Notes in Computer Science*, 1108:42–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gouarderes:1996:EAL

[285] E. Gouarderes and S. Millet. Expertext approach and learning environments. *Lecture Notes in Computer Science*, 1108:51–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1996:CBA

[286] S. X. Huang. On content-balanced adaptive testing. *Lecture Notes in Computer Science*, 1108:60–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jerinic:1996:OOS

[287] L. Jerinic and V. Devedzic. An object-oriented shell for intelligent tutoring lessons. *Lecture Notes in Computer Science*, 1108:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Looi:1996:WCB

[288] C.-K. Looi and B. T. Tan. WORDMATH: a computer-based environment for learning word problem solving. *Lecture Notes in Computer Science*, 1108: 78–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marquesuzaa:1996:TPS

[289] C. Marquesuzaa, J. Meyranx, and T. Nodenot. Towards pedagogically sound learning environments: The specification process. *Lecture Notes in Computer Science*, 1108:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mengelle:1996:MAA

[290] T. Mengelle and C. Frasson. A multi-agent architecture for an ITS with multiple strategies. *Lecture Notes in Computer Science*, 1108:96–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nawarecki:1996:DCL

[291] E. Nawarecki and G. Dobrowolski. Decentralized computer learning systems based on autonomous agent approach. *Lecture Notes in Computer Science*, 1108:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

NeiraAlvarez:1996:FAT

[292] A. Neira Alvarez and J. A. Lopez Brugos. Foundations of an adaptive tutoring system based on systemic networks. *Lecture Notes in Computer Science*, 1108:114–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Okamoto:1996:IDS

[293] T. Okamoto and A. Inaba. The intelligent discussion supporting system under the distributed environment. *Lecture Notes in Computer Science*, 1108:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Patel:1996:AAI

[294] A. Patel and Kinshuk. Applied artificial intelligence for teaching numeric topics in engineering disciplines. *Lecture Notes in Computer Science*, 1108: 132–140, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pemberton:1996:MDC

[295] L. Pemberton, S. Shurville, and T. Hartley. Motivating the design for a computer assisted environment for writers in a second language. *Lecture Notes in Computer Science*, 1108:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pernin:1996:EEP

[296] J. P. Pernin, V. Gueraud, and F. Coudret. An experimental environment for the production of pedagogical simulations. *Lecture Notes in Computer Science*, 1108:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeVilliers:1996:CBI

[297] M. R. De Villiers. A component-based interactive practice environment. *Lecture Notes in Computer Science*, 1108: 158–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Kang:1996:RIP

[298] B.-H. Kang and P. Goodyear. Representations of instructional purpose in courseware requirements engineering. *Lecture Notes in Computer Science*, 1108:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lelouche:1996:FRY

[299] R. Lelouche and J.-F. Morin. The formula: a relation? yes, but A concept too!! *Lecture Notes in Computer Science*, 1108:176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nkambou:1996:CTA

[300] R. Nkambou, G. Gauthier, and C. Frasson. CREAM-Tools: An authoring environment for curriculum and course building in an intelligent tutoring system. *Lecture Notes in Computer Science*, 1108:186–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pescador:1996:ASR

[301] F. Pescador and J. Arriaga. Authoring system for reinforcement and evaluation (SARE). *Lecture Notes in Computer Science*, 1108:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ponta:1996:PSE

[302] D. Ponta, G. Da Bormida, and G. Donzellini. Preliminary student evaluation of a CBL course on digital systems electronics. *Lecture Notes in Computer Science*, 1108:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parodi:1996:CDL

[303] G. Parodi, D. Ponta, A. M. Scapolla, and M. Taini. Cooperative and distance learning in electronics using Internet. *Lecture Notes in Computer Science*, 1108:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruiz:1996:CDL

[304] F. Ruiz, M. Prieto, M. Ortega, and J. Bravo. Cooperative distance learning with an integrated system for computer assisted laboratory work. *Lecture Notes in Computer Science*, 1108: 220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Warkentyne:1996:IEW

[305] H. M. K. Warkentyne, I. Smith, and E. Forte. Implementation and evaluation of a WWW multiple choice question server. *Lecture Notes in Computer Science*, 1108:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Forte:1996:TIA

[306] M. W. Forte, E. McMurray, and F. Simillion. Teaching informatics with ARIANE: An experimental Internet-Based pedagogical environment. *Lecture Notes in Computer Science*, 1108: 236–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cambiotti:1996:MTR

[307] F. Cambiotti, M. Parvis, and U. Pisani. Multimedia training and remote operating laboratory: Innovative solutions for instrumentation and electronic measurements courses. *Lecture Notes in Computer Science*, 1108:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

David:1996:HEP

[308] J.-P. David, A. Cogne, and A. Dutel. Hypermedia exercises prototyping and modelising. *Lecture Notes in Computer Science*, 1108:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dospisil:1996:TMM

[309] J. Dospisil, P. Marshall, E. Kendall, and T. Polgar. Testbed for measuring multimedia presentation quality disorders in courseware. *Lecture Notes in Computer Science*, 1108:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Farinetti:1996:HES

[310] L. Farinetti and A. R. Scarafiotti. Hypertexts as educational systems: Pedagogical issues in teaching and learning mathematical problem solving. *Lecture Notes in Computer Science*, 1108: 270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hendrikx:1996:SHA

[311] K. Hendrikx, J. Elen, and H. Olivie. Structured hypermedia authoring: a simple tool for the design and implementation of structured hypermedia databases. *Lecture Notes in Computer Science*, 1108:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lara:1996:DEM

[312] S. Lara and M. J. Perez-Luque. Designing educational multimedia. *Lecture Notes in Computer Science*, 1108: 288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martinez-Jimenez:1996:DSW

[313] J. M. Martinez-Jimenez, P. Martinez-Jimenez, F. Zafra-Lopez, and F. Casado-Revuelta. Design of a [sic] Windows software for elastic field simulation: Application to visualisation and animation of a rectangular piece in a projection with a load on the end. *Lecture Notes in Computer Science*, 1108: 298–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quang:1996:HIT

[314] N. Quang, L. Chiang, M. Garay, and D. Garcia. A hypermedia intelligent tutor for mathematical modelling teaching. *Lecture Notes in Computer Science*, 1108:306–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VillalbaLopez:1996:DSS

[315] R. Villalba Lopez, P. Martinez Jimenez, A. Blanca Pancorbo, and E. Casado-Revuelta. Design of software for the simulated and tutorized study of atomic models through the

use of hypertext. *Lecture Notes in Computer Science*, 1108:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belmonte:1996:TAE

[316] M. V. Belmonte, J. Berbel, and R. Conejo. TEA: An agrarian economy instructor system. *Lecture Notes in Computer Science*, 1108:322–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brna:1996:AMB

[317] P. Brna and D. Duncan. The analogical model-based physics system: a workbench to investigate issues in how to support learning by analogy in physics. *Lecture Notes in Computer Science*, 1108:331–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Close:1996:SB

[318] A. M. Close and Y. A. Rzhanov. Seeing is believing. *Lecture Notes in Computer Science*, 1108:340–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohen:1996:FFL

[319] I. Cohen, G. Edvinsson, R. Hsieh, and C. Johannesson. FLIP: Flexible learning in physics and mechanics. *Lecture Notes in Computer Science*, 1108:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelRio:1996:SIM

[320] A. Del Rio and A. Rodriguez. 3D-Schema: An intuitive model for analog circuits instruction. *Lecture Notes in Computer Science*, 1108:356–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Donoval:1996:CAL

[321] D. Donoval. Computer aided learning in microelectronics technology in Slovakia (state of the art). *Lecture Notes in Computer Science*, 1108:365–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haertel:1996:CSC

[322] H. B. Haertel and M. Luedke. A computer-supported course in mechanics. *Lecture Notes in Computer Science*, 1108:381–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rahilly:1996:IPC

[323] T. J. Rahilly, A. Saroyan, J. Greer, and S. P. Lajoie. The InforMed professor: Clinical instruction of breast disease diagnosis and management. *Lecture Notes in Computer Science*, 1108: 390–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ungureanu:1996:CMS

[324] M. Ungureanu and S. Ioan. Computer modelling and simulation of the high frequency disturbing processes for low voltage consumers applied in power system training and education. *Lecture Notes in Computer Science*, 1108: 399–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valdes:1996:IPT

[325] M. D. Valdes, M. J. Moure, L. Rodriguez, and A. Del Rio. Interactive practical teaching of digital circuits design by means of field programmable gate arrays. *Lecture Notes in Computer Science*, 1108:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zaharia:1996:ILE

[326] S. E. Zaharia and S. Ungureanu. Interactive learning environment in mechanics. *Lecture Notes in Computer Science*, 1108:415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baniulis:1996:FIE

[327] K. Baniulis and B. Tamulynas. Flexible intelligent environment for tutoring and assessing learners. *Lecture Notes in Computer Science*, 1108:424–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bender-Oeberg:1996:DLE

[328] A. Bender-Oeberg and A. Edman. DLW — A learning environment for lake water diagnosis. *Lecture Notes in Computer Science*, 1108:427–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bersagol:1996:XLS

[329] V. Bersagol, J.-L. Dessalles, F. Kaplan, and J.-C. Marze. XMOISE: a logical spreadsheet to elicit didactic knowledge. *Lecture Notes in Computer Science*, 1108:430–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cabrol-Bass:1996:LPN

[330] D. Cabrol-Bass, J.-P. Rabine, and M. Rouillard. Learning proton NMR spectroscopy with computers. *Lecture Notes in Computer Science*, 1108:433–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cuevas-Rubino:1996:TSS

[331] M. Cuevas-Rubiño, D. Gonzalez-Caballero, P. Martinez-Jimenez, and E. Casado-Revuelta. Tutorized simulated study of RC, LR and LRC circuits for windows. *Lecture Notes in Computer Science*, 1108:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dikareva:1996:IKB

[332] S. Dikareva and E. Dikarev. Interactive knowledge base for designing new technology based tutoring systems. *Lecture Notes in Computer Science*, 1108:439–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fortet:1996:MSI

[333] P. Fortet, M. J. Bellido, F. Sivianes, and A. V. Medina. Multimedia system for instruction and learning electronics. *Lecture Notes in Computer Science*, 1108:442–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuji:1996:CLS

[334] T. Fuji, T. Tanigawa, M. Kozeni, and M. Inui. Collaborative learning systems on the INTERNET with case-based reasoning. *Lecture Notes in*

Computer Science, 1108:445–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gavrilova:1996:ALS

[335] T. Gavrilova, E. Averbukh, and A. Voinov. An approach to learning software based on student modelling. *Lecture Notes in Computer Science*, 1108:448–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goppold:1996:LTS

[336] A. Goppold. The Leibinz TLSI: a secondary macro programming interface and universal ASCII user interface shell for hypermedia. *Lecture Notes in Computer Science*, 1108:451–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamar-Thibault:1996:HPU

[337] S. Hamar-Thibault and R. Hamar. A hypermedia presentation to understand interactions between electron and solid — scanning electron microscope. *Lecture Notes in Computer Science*, 1108: 454–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huapaya:1996:SMN

[338] C. R. Huapaya and G. M. Arona. A student model in numerical analysis for an actual engineering student. *Lecture Notes in Computer Science*, 1108:460–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luckin:1996:TPS

[339] R. Luckin. Teaching primary science: a psychologically well-grounded approach. *Lecture Notes in Computer Science*, 1108:463–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Millan:1996:GIG

[340] E. Millan, A. Muñoz-Zea, J. L. Perez de-la Cruz, and F. Triguero-Ruiz. GITE: Intelligent generation of tests. *Lecture Notes in Computer Science*, 1108:466–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Millan:1996:TIT

[341] E. Millan, J. L. Perez de-la Cruz, F. Triguero-Ruiz, and L. Vazquez-Saenz. TUDER: An intelligent tutoring system for symbolic derivation. *Lecture Notes in Computer Science*, 1108: 469–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

RizoAldeguer:1996:SRK

[342] R. Rizo Aldeguer, C. Muñoz, and O. Colomina Pardo. SBC-RX: Knowledge based system for radiodiagnosis and training of radiologists. the teaching file tool. A new feature. *Lecture Notes in Computer Science*, 1108:472–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soares:1996:SSS

[343] W. A. Soares and A. H. P. De Andrade. SIMFOT: a software for simulating photoelastic experiments. *Lecture Notes in Computer Science*, 1108:

476–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellare:1996:KHF

[344] Mihir Bellare, Ran Canetti, and Hugo Krawczyk. Keying hash functions for message authentication. *Lecture Notes in Computer Science*, 1109:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090001.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090001.pdf.

Atici:1996:UHM

[345] M. Atici and Douglas R. Stinson. Universal hashing and multiple authentication. *Lecture Notes in Computer Science*, 1109:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090016.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090016.pdf.

Helleseth:1996:UHF

[346] Tor Helleseth and Thomas Johansson. Universal hash functions from exponential sums over finite fields and Galois rings. *Lecture Notes in Computer Science*, 1109:31–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090031.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090031.pdf.

Patarin:1996:ACH

[347] Jacques Patarin. Asymmetric cryptography with a hidden monomial. *Lecture Notes in Computer Science*, 1109:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090045.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090045.pdf.

Simon:1996:ACA

[348] Daniel R. Simon. Anonymous communication and anonymous cash. *Lecture Notes in Computer Science*, 1109:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090061.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090061.pdf.

Langford:1996:WST

[349] Susan K. Langford. Weaknesses in some threshold cryptosystems. *Lecture Notes in Computer Science*, 1109:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090074.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090074.pdf.

Vaudenay:1996:HCD

[350] Serge Vaudenay. Hidden collisions on DSS. *Lecture Notes in Computer Science*, 1109:83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090083.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090083.pdf.

Young:1996:DSB

[351] Adam Young and Moti Yung. The dark side of black-box cryptography, or: Should we trust Capstone? *Lecture Notes in Computer Science*, 1109:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090089.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090089.pdf.

Kocher:1996:TAI

[352] Paul C. Kocher. Timing attacks on implementations of Diffie–Hellman, RSA, DSS, and other systems. *Lecture Notes in Computer Science*, 1109:104–113, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090104.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090104.pdf.

Naeslund:1996:ABH

[353] M. Naeslund. All bits in $ax + b \bmod p$ are hard. *Lecture Notes in Computer Science*, 1109:114–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Naslund:1996:ABH

[354] Mats Näslund. All bits in $ax + b \bmod p$ are hard. *Lecture Notes in Computer Science*, 1109:114–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090114.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090114.pdf.

Boneh:1996:HCM

[355] Dan Boneh and Ramarathnam Venkatesan. Hardness of computing the most significant bits of secret keys in Diffie–Hellman and related schemes. *Lecture Notes in Computer Science*, 1109:129–142, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090129.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090129.pdf; http://theory.stanford.edu/~dabo/papers/dhmsb.ps.gz.

Schnorr:1996:SRI

[356] Claus P. Schnorr. Security of 2^t-root identification and signatures. *Lecture Notes in Computer Science*, 1109:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (elec-

tronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090143.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090143.pdf.

Gennaro:1996:RES

[357] Rosario Gennaro, Stanislaw Jarecki, Hugo Krawczyk, and Tal Rabin. Robust and efficient sharing of RSA functions. *Lecture Notes in Computer Science*, 1109:157–172, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090157.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090157.pdf.

Cramer:1996:NGS

[358] Ronald Cramer and Ivan Bjerre Damgård. New generation of secure and practical RSA-Based signatures. *Lecture Notes in Computer Science*, 1109:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090173.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090173.pdf.

Jakobsson:1996:PKO

[359] Markus Jakobsson and Moti Yung. Proving without knowing: On oblivious, agnostic and blindfolded provers. *Lecture Notes in Computer Science*, 1109:186–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090186.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090186.pdf.

Halevi:1996:PPS

[360] Shai Halevi and Silvio Micali. Practical and provably-secure commitment schemes from collision-free hashing. *Lecture Notes in Computer Science*, 1109:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090201.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090201.pdf.

Knudsen:1996:IDA

[361] Lars R. Knudsen and Willi Meier. Improved differential attacks on RC5. *Lecture Notes in Computer Science*, 1109:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090216.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090216.pdf.

Oorschot:1996:IIM

[362] Paul C. van Oorschot and Michael J. Wiener. Improving implementable meet-in-the-middle attacks by orders of magnitude. *Lecture Notes in Computer Science*, 1109:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-

ny.com/link/service/series/0558/bibs/1109/11090229.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090229.pdf.

vanOorschot:1996:IIM

[363] Paul C. van Oorschot and Michael J. Wiener. Improving implementable meet-in-the-middle attacks by orders of magnitude. *Lecture Notes in Computer Science*, 1109:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090229.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090229.pdf.

Kelsey:1996:KSC

[364] John Kelsey, Bruce Schneier, and David Wagner. Key-schedule cryptanalysis of IDEA, G-DES, GOST, SAFER, and Triple-DES. *Lecture Notes in Computer Science*, 1109:237–251, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090237.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090237.pdf; http://www.counterpane.com/key_schedule.html.

Kilian:1996:HPA

[365] Joe Kilian and Phillip Rogaway. How to protect DES against exhaustive key search. *Lecture Notes in Computer Science*, 1109:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090252.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090252.pdf.

Maurer:1996:DHO

[366] Ueli M. Maurer and Stefan Wolf. Diffie–Hellman oracles. *Lecture Notes in Computer Science*, 1109:268–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090268.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090268.pdf.

Boneh:1996:ABB

[367] Dan Boneh and Richard J. Lipton. Algorithms for black-box fields and their application to cryptography. *Lecture Notes in Computer Science*, 1109:283–297, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090283.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090283.pdf; http://theory.stanford.edu/~dabo/papers/bbf.ps.gz.

Bosselaers:1996:FHP

[368] Antoon Bosselaers, René Govaerts, and Joos Vandewalle. Fast hashing on the Pentium. *Lecture Notes in Computer Science*, 1109:298–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (elec-

tronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090298.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090298.pdf.

Shoup:1996:FPS

[369] Victor Shoup. On fast and provably secure message authentication based on universal hashing. *Lecture Notes in Computer Science*, 1109:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090313.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090313.pdf.

Hughes:1996:QCU

[370] R. J. Hughes, G. G. Luther, G. L. Morgan, C. G. Peterson, and C. Simmons. Quantum cryptography over underground optical fibers. *Lecture Notes in Computer Science*, 1109:329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090329.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090329.pdf.

Mayers:1996:QKD

[371] Dominic Mayers. Quantum key distribution and string oblivious transfer in noisy channels. *Lecture Notes in Computer Science*, 1109:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090343.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090343.pdf.

Massey:1996:LCP

[372] James L. Massey and Shirlei Serconek. Linear complexity of periodic sequences: a general theory. *Lecture Notes in Computer Science*, 1109:358–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090358.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090358.pdf.

Camion:1996:GSI

[373] Paul Camion and Anne Canteaut. Generalization of Siegenthaler inequality and Schnorr-Vaudenay multipermutations. *Lecture Notes in Computer Science*, 1109:372–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090372.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090372.pdf.

Blundo:1996:TOB

[374] Carlo Blundo, Luiz A. Frota Mattos, and Douglas R. Stinson. Trade-offs between communication and storage in unconditionally secure schemes for broadcast encryption and interactive key distribution. *Lecture Notes in Computer Science*, 1109:387–??,

1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090387.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090387.pdf.

Droste:1996:NRV

[375] Stefan Droste. New results on visual cryptography. *Lecture Notes in Computer Science*, 1109:401–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/bibs/1109/11090401.htm; http://link.springer-ny.com/link/service/series/0558/papers/1109/11090401.pdf.

Anonymous:1996:AI

[376] Anonymous. Author index. *Lecture Notes in Computer Science*, 1109:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL http://link.springer-ny.com/link/service/series/0558/papers/1109/1109indx.pdf.

Blazy:1996:AIA

[377] S. Blazy and P. Facon. An automatic interprocedural analysis for the understanding of scientific application programs. *Lecture Notes in Computer Science*, 1110:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bulyonkov:1996:PAS

[378] M. A. Bulyonkov and D. V. Kochetov. Practical aspects of specialization of Algol-like programs. *Lecture Notes in Computer Science*, 1110:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chin:1996:SAM

[379] W.-N. Chin, S.-C. Khoo, and P. Thiemann. Synchronization analyses for multiple recursion parameters. *Lecture Notes in Computer Science*, 1110:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Consel:1996:UAC

[380] C. Consel, L. Hornof, F. Noel, and J. Noye. A uniform approach for compile-time and run-time specialization. *Lecture Notes in Computer Science*, 1110:54–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Danvy:1996:PTD

[381] O. Danvy. Pragmatics of type-directed partial evaluation. *Lecture Notes in Computer Science*, 1110:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Draves:1996:CGI

[382] S. Draves. Compiler generation for interactive graphics using intermediate code. *Lecture Notes in Computer Science*, 1110:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gallagher:1996:RAC

[383] J. P. Gallagher and L. Lafave. Regular approximation of computation paths in logic and functional languages. *Lecture*

Notes in Computer Science, 1110:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glueck:1996:RMS

[384] R. Glueck and M. H. Soerensen. A roadmap to metacomputation by supercompilation. *Lecture Notes in Computer Science*, 1110:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hatcliff:1996:RAH

[385] J. Hatcliff and R. Glueck. Reasoning about hierarchies of online program specialization systems. *Lecture Notes in Computer Science*, 1110:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hughes:1996:TSL

[386] J. Hughes. Type specialisation for the lambda-calculus; or, A new paradigm for partial evaluation based on type inference. *Lecture Notes in Computer Science*, 1110:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1996:WDW

[387] N. D. Jones. What not to do when writing an interpreter for specialisation. *Lecture Notes in Computer Science*, 1110:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joergensen:1996:EGE

[388] J. Joergensen and M. Leuschel. Efficiently generating efficient generating extensions in Prolog. *Lecture Notes in Computer Science*, 1110:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leuschel:1996:GCP

[389] M. Leuschel and B. Martens. Global control for partial deduction through characteristic atoms and global trees. *Lecture Notes in Computer Science*, 1110:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miniussi:1996:SIC

[390] A. Miniussi and D. J. Sherman. Squeezing intermediate construction in equational programs. *Lecture Notes in Computer Science*, 1110:284–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mogensen:1996:EPE

[391] T. A. Mogensen. Evolution of partial evaluators: Removing inherited limits. *Lecture Notes in Computer Science*, 1110:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nemytykh:1996:SAS

[392] A. P. Nemytykh, V. A. Pinchuk, and V. F. Turchin. A self-applicable supercompiler. *Lecture Notes in Computer Science*, 1110:322–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielson:1996:MLL

[393] F. Nielson and H. R. Nielson. Multilevel lambda-calculi: An algebraic description. *Lecture Notes in Computer Science*, 1110:338–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pettorossi:1996:CRS

[394] A. Pettorossi and M. Proietti. A comparative revisitation of some program transformation techniques. *Lecture Notes in Computer Science*, 1110: 355–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pettorossi:1996:TLP

[395] A. Pettorossi and M. Proietti. A theory of logic program specialization and generalization for dealing with input data properties. *Lecture Notes in Computer Science*, 1110:386–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reps:1996:PSP

[396] T. Reps and T. Turnidge. Program specialization via program slicing. *Lecture Notes in Computer Science*, 1110:409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakharov:1996:SIP

[397] A. Sakharov. Specialization of imperative programs through analysis of relational expressions. *Lecture Notes in Computer Science*, 1110:430–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sestoft:1996:MPM

[398] P. Sestoft. ML pattern match compilation and partial evaluation. *Lecture Notes in Computer Science*, 1110:446–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sperber:1996:SAO

[399] M. Sperber. Self-applicable online partial evaluation. *Lecture Notes in Computer Science*, 1110:465–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turchin:1996:MMT

[400] V. F. Turchin. Metacomputation: Metasystem transitions plus supercompilation. *Lecture Notes in Computer Science*, 1110:481–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alferes:1996:RLP

[401] J. J. Alferes and L. Moniz Pereira. Reasoning with logic programming. *Lecture Notes in Computer Science*, 1111:xx + 326, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolanoski:1996:AAN

[402] H. Kolanoski. Application of artificial neural networks in particle physics. *Lecture Notes in Computer Science*, 1112:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schwefel:1996:ECH

[403] H. P. Schwefel. Evolutionary computation — history, status, and perspectives. *Lecture Notes in Computer Science*, 1112:15–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abeles:1996:TSC

[404] M. Abeles and Y. Prut. Temporal structure of cortical activity. *Lecture Notes in Computer Science*, 1112:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ramacher:1996:SVS

[405] U. Ramacher. SEE-1 — A vision system for use in real world environments. *Lecture Notes in Computer Science*, 1112:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fromherz:1996:TIN

[406] P. Fromherz. Towards integration of nerve cells and silicon devices. *Lecture Notes in Computer Science*, 1112: 18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:UPN

[407] C. H. Anderson. Unifying perspectives on neuronal codes and processing. *Lecture Notes in Computer Science*, 1112:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perrett:1996:VRB

[408] D. I. Perrett. Visual recognition based on coding in temporal cortex: Analysis of pattern configuration and generalisation across viewing conditions without mental rotation. *Lecture Notes in Computer Science*, 1112:20–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ji:1996:NES

[409] H.-B. Ji, K.-S. Leung, and Y. Leung. A novel encoding strategy for associative memory. *Lecture Notes in Computer Science*, 1112:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adeodato:1996:AMH

[410] P. J. L. Adeodato and J. G. Taylor. Autoassociative memory with high storage capacity. *Lecture Notes in Computer Science*, 1112:29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graham:1996:IEA

[411] B. Graham and D. Willshaw. Information efficiency of the associative net at arbitrary coding rates. *Lecture Notes in Computer Science*, 1112:35–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nijman:1996:ELS

[412] M. J. Nijman and H. J. Kappen. Efficient learning in sparsely connected Boltzmann machines. *Lecture Notes in Computer Science*, 1112:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schoelkopf:1996:IIS

[413] B. Schoelkopf, C. Burges, and V. Vapnik. Incorporating invariances in support vector learning machines. *Lecture Notes in Computer Science*, 1112:47–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoekstra:1996:ERN

[414] A. Hoekstra, S. A. Tholen, and R. P. W. Duin. Estimating the reliability of neural network classifications. *Lecture Notes in Computer Science*, 1112:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bishop:1996:BIN

[415] C. M. Bishop and C. S. Qazaz. Bayesian inference of noise levels in regression. *Lecture Notes in Computer Science*, 1112:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haemaelaeinen:1996:CRP

[416] A. Haemaelaeinen and L. Holmstroem. Complexity reduction in probabilistic neural networks. *Lecture Notes in Computer Science*, 1112:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sardo:1996:ACR

[417] L. Sardo and J. Kittler. Asymptotic complexity of an RBF NN for correlated data representation. *Lecture Notes in Computer Science*, 1112:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raudys:1996:RES

[418] S. Raudys and T. Cibas. Regularization by early stopping in single layer perceptron training. *Lecture Notes in Computer Science*, 1112:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rueger:1996:CWS

[419] S. M. Rueger and A. Ossen. Clustering in weight space of feedforward nets. *Lecture Notes in Computer Science*, 1112:83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boes:1996:LCL

[420] S. Boes. Learning curves of on-line and off-line training. *Lecture Notes in Computer Science*, 1112:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tax:1996:LSM

[421] D. M. J. Tax and H. J. Kappen. Learning structure with many-take-all networks. *Lecture Notes in Computer Science*, 1112:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kappen:1996:DFL

[422] H. J. Kappen and P. Varona. Dynamic feature linking in stochastic networks with short range interactions. *Lecture Notes in Computer Science*, 1112:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hillenbrand:1996:CDS

[423] U. Hillenbrand and J. L. Van Hemmen. Collective dynamics of a system of adaptive velocity channels. *Lecture Notes in Computer Science*, 1112:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nelles:1996:LLM

[424] O. Nelles. Local linear model trees for on-line identification of time-variant nonlinear dynamic systems. *Lecture Notes in Computer Science*, 1112:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deco:1996:NDS

[425] G. Deco and B. Schuermann. Non-parametric data selection for improvement of parametric neural learning: a cumulant-surrogate method. *Lecture Notes in Computer Science*, 1112:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pawelzik:1996:PM

[426] K. Pawelzik, K.-R. Mueller, and J. Kohlmorgen. Prediction of mixtures. *Lecture Notes in Computer Science*, 1112:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kimura:1996:LDS

[427] M. Kimura and R. Nakano. Learning dynamical systems produced by recurrent neural networks. *Lecture Notes in Computer Science*, 1112:133–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hyvaerinen:1996:PLN

[428] A. Hyvaerinen. Purely local neural principal component and independent component learning. *Lecture Notes in Computer Science*, 1112:139–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wuertz:1996:HFC

[429] R. P. Wuertz, W. Konen, and K.-O Behrmann. How fast can neuronal algorithms match patterns. *Lecture Notes in Computer Science*, 1112:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoffmann:1996:ANG

[430] T. Hoffmann and J. M. Buhmann. An annealed "neural gas" network for robust vector quantization. *Lecture Notes in Computer Science*, 1112:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walter:1996:ACI

[431] J. Walter and H. Ritter. Associative completion and investment learning using PSOMs. *Lecture Notes in Computer Science*, 1112:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bishop:1996:GPA

[432] C. M. Bishop, M. Svensen, and C. K. I. Williams. GTM: a principled alternative to the self-organizing map. *Lecture Notes in Computer Science*, 1112: 165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Munoz:1996:CTA

[433] A. Muñoz. Creating term associations using a hierarchical ART architecture. *Lecture Notes in Computer Science*, 1112:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Czernichow:1996:AST

[434] T. Czernichow. Architecture selection through statistical sensitivity analysis. *Lecture Notes in Computer Science*, 1112:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daigremont:1996:RTM

[435] P. Daigremont, H. De Lassus, F. Badran, and S. Thiria. Regression by topological map: Application on real data. *Lecture Notes in Computer Science*, 1112:185–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marko:1996:SPN

[436] K. A. Marko, J. V. James, T. M. Feldkamp, and G. V. Puskorius. Signal processing by neural networks to create "virtual" sensors and model-based diagnostics. *Lecture Notes in Computer Science*, 1112:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frenken:1996:DAS

[437] R. M. L. Frenken, C. M. Rozendaal, H. E. Dijk, and P. C. Knoester. Development of an advisory system based on a neural network for the operation of a coal fired power plant. *Lecture Notes in Computer Science*, 1112:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Angstenberger:1996:BFA

[438] J. Angstenberger. Blast furnace analysis with neural networks. *Lecture Notes in Computer Science*, 1112:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruske:1996:ASC

[439] J. Bruske, M. Hansen, L. Riehn, and G. Soremet. Adaptive saccade control of a binocular head with dynamic cell structures. *Lecture Notes in Computer Science*, 1112:215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Versino:1996:LFM

[440] C. Versino and L. M. Gambardella. Learning fine motion by using the hierarchical extended Kohonen map. *Lecture Notes in Computer Science*, 1112: 221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laaksonen:1996:SDS

[441] J. Laaksonen and E. Oja. Subspace dimension selection and averaged learning subspace method in handwritten digit classification. *Lecture Notes in Computer Science*, 1112:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolters:1996:DRN

[442] M. Wolters. A dual route neural net approach to grapheme-to-phoneme conversion. *Lecture Notes in Computer Science*, 1112:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duempelmann:1996:SES

[443] M. Duempelmann and C. E. Elger. Separating EEG spike-clusters in epilepsy by a growing and splitting net. *Lecture Notes in Computer*

Science, 1112:239–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valkealahti:1996:OTF

[444] K. Valkealahti and E. Oja. Optimal texture feature selection for the co-occurrence map. *Lecture Notes in Computer Science*, 1112:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blanz:1996:CVB

[445] V. Blanz, B. Schoelkopf, H. Buelthoff, and C. Burges. Comparison of view-based object recognition algorithms using realistic 3D models. *Lecture Notes in Computer Science*, 1112:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Austermeier:1996:CCR

[446] H. Austermeier, G. Hartmann, and R. Hilker. Color-calibration of robot vision system using self-organizing feature maps. *Lecture Notes in Computer Science*, 1112:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Acuna:1996:NNM

[447] G. Acuña, H. Jorquera, and R. Perez. Neural network model for maximum ozone concentration prediction. *Lecture Notes in Computer Science*, 1112: 263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kohonen:1996:VLT

[448] T. Kohonen, S. Kaski, K. Lagus, and T. Honkela. Very large two-level SOM for the browsing of newsgroups. *Lecture Notes in Computer Science*, 1112:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ma:1996:APS

[449] Q. Ma, H. Isahara, and H. Ozaku. Automatic part-of-speech tagging of Thai corpus using neural networks. *Lecture Notes in Computer Science*, 1112:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cawley:1996:RSC

[450] G. C. Cawley and S. R. Dorling. Reproducing a subjective classification scheme for atmospheric circulation patterns over the united kingdom using a neural network. *Lecture Notes in Computer Science*, 1112:281–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1996:TGD

[451] H. H. Yang and S. Amari. Two gradient descent algorithms for blind signal separation. *Lecture Notes in Computer Science*, 1112:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeLassus:1996:CRP

[452] H. De Lassus, P. Daigremont, F. Badran, and S. Thiria. Classification rejection by prediction. *Lecture Notes in Computer Science*, 1112:293–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:ARB

[453] D.-H. Lee, J. S. Payne, H.-G. Byun, and K. C. Persaud. Application of ra-

dial basis function neural networks to odour sensing using a broad specificity array of conducting polymers. *Lecture Notes in Computer Science*, 1112:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heidemann:1996:HOR

[454] G. Heidemann, F. Kummert, H. Ritter, and G. Sagerer. A hybrid object recognition architecture. *Lecture Notes in Computer Science*, 1112:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buehlmeier:1996:RLA

[455] A. Buehlmeier, G. Manteuffel, M. Rossmann, and K. Goser. Robot learning in analog neural hardware. *Lecture Notes in Computer Science*, 1112: 311–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Littmann:1996:VGR

[456] E. Littmann, A. Drees, and H. Ritter. Visual gesture recognition by a modular neural system. *Lecture Notes in Computer Science*, 1112:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maurer:1996:TLG

[457] T. Maurer and C. Von Der Malsburg. Tracking and learning graphs on image sequences of faces. *Lecture Notes in Computer Science*, 1112:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fukushima:1996:NNM

[458] K. Fukushima, Y. Yamaguchi, and M. Okada. Neural network model recalling spatial maps. *Lecture Notes in Computer Science*, 1112:329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giese:1996:NFD

[459] M. A. Giese, G. Schoener, and H. S. Hock. Neural field dynamics for motion perception. *Lecture Notes in Computer Science*, 1112:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Callan:1996:ATD

[460] R. E. Callan and D. Palmer-Brown. Analytical technique for deriving connectionist representations of symbol structures. *Lecture Notes in Computer Science*, 1112:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wittenburg:1996:MHW

[461] P. Wittenburg, D. Van Kuijk, and T. Dijkstra. Modeling human word recognition with sequences of artificial neurons. *Lecture Notes in Computer Science*, 1112:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boden:1996:CVI

[462] M. Boden. A connectionist variation on inheritance. *Lecture Notes in Computer Science*, 1112:353–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolinummi:1996:MMP

[463] P. Kolinummi, T. Haemaelaeinen, H. Klapuri, and K. Kaski. Mapping of multilayer perceptron networks to partial tree shaped parallel neurocomputer. *Lecture Notes in Computer Science*, 1112:359–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haemaelaeinen:1996:LEP

[464] T. Haemaelaeinen, P. Kolinummi, and K. Kaski. Linearly expandable partial tree shape architecture for parallel neurocomputer. *Lecture Notes in Computer Science*, 1112:365–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Demosthenous:1996:HSS

[465] A. Demosthenous, J. Taylor, and S. Smedley. A high-speed scalable CMOS current-mode winner-take-all network. *Lecture Notes in Computer Science*, 1112:371–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Franz:1996:ASM

[466] M. Franz and R. Schueffny. An architectural study of a massively parallel processor for convolution-type operations in complex vision tasks. *Lecture Notes in Computer Science*, 1112: 377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perez-Uribe:1996:FIA

[467] A. Perez-Uribe and E. Sanchez. FPGA implementation of an adaptable-size neural network. *Lecture Notes in Computer Science*, 1112:383–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Floreano:1996:ECI

[468] D. Floreano. Extraction of coherent information from non-overlapping receptive fields. *Lecture Notes in Computer Science*, 1112:389–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brecht:1996:CTI

[469] M. Brecht and A. K. Engel. Cortiotectal interactions in the cat visual system. *Lecture Notes in Computer Science*, 1112:395–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martignon:1996:DMH

[470] L. Martignon, K. Laskey, A. Schwarz, and E. Vaadia. Detecting and measuring higher order synchronization among neurons: A Bayesian approach. *Lecture Notes in Computer Science*, 1112:401–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Riesenhuber:1996:AFS

[471] M. Riesenhuber, H.-U. Bauer, and T. Geisel. Analyzing the formation of structure in high-dimensional self-organizing maps reveals differences to feature map models. *Lecture Notes in Computer Science*, 1112:409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pawelzik:1996:PRC

[472] K. Pawelzik, H.-U. Bauer, F. Wolf, and T. Geisel. Precise restoration of corti-

cal orientation maps explained by Hebbian dynamics of geniculocortical connections. *Lecture Notes in Computer Science*, 1112:415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andres:1996:MKS

[473] M. Andres, O. Schlueter, F. Spengler, and H. R. Dinse. Modification of Kohonen's SOFM to simulate cortical plasticity induced by coactivation input patterns. *Lecture Notes in Computer Science*, 1112:421–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piepenbrock:1996:CMD

[474] C. Piepenbrock, H. Ritter, and K. Obermayer. Cortical map development driven by spontaneous retinal activity waves. *Lecture Notes in Computer Science*, 1112:427–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cruse:1996:SNN

[475] H. Cruse, C. Bartling, J. Dean, and T. Kindermann. Simplifying neural networks for controlling walking by exploiting physical properties. *Lecture Notes in Computer Science*, 1112:433–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schierwagen:1996:SCT

[476] A. Schierwagen and H. Werner. Saccade control through the collicular motor map: Two-dimensional neural field model. *Lecture Notes in Computer Science*, 1112:439–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsodyks:1996:PNS

[477] M. V. Tsodyks and H. Markram. Plasticity of neocortical synapses enables transitions between rate and temporal coding. *Lecture Notes in Computer Science*, 1112:445–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wennekers:1996:CSS

[478] T. Wennekers and G. Palm. Controlling the speed of synfire chains. *Lecture Notes in Computer Science*, 1112: 451–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Privitera:1996:TCP

[479] C. M. Privitera and L. Shastri. Temporal compositional processing by a DSOM hierarchical model. *Lecture Notes in Computer Science*, 1112:457–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertoni:1996:GMH

[480] A. Bertoni, P. Campadelli, M. Carpentieri, and G. Grossi. A genetic model and the Hopfield networks. *Lecture Notes in Computer Science*, 1112:463–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gorodnichy:1996:DCP

[481] D. O. Gorodnichy. Desaturating coefficient for projection learning rule. *Lecture Notes in Computer Science*, 1112: 469–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Sjoedin:1996:GMI

[482] G. Sjoedin. Getting more information out of SDM. *Lecture Notes in Computer Science*, 1112:477–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McCormack:1996:UGP

[483] C. McCormack. Using a general purpose meta neural network to adapt a parameter of the Quickpropagation Learning Rule. *Lecture Notes in Computer Science*, 1112:483–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luo:1996:ULM

[484] F.-L. Luo and R. Unbehauen. Unsupervised learning of the minor subspace. *Lecture Notes in Computer Science*, 1112:489–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmidt:1996:UGA

[485] M. Schmidt. A unification of genetic algorithms, neural networks and fuzzy logic: The GANNFL approach. *Lecture Notes in Computer Science*, 1112:495–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hasenjaeger:1996:ALG

[486] M. Hasenjaeger and H. Ritter. Active learning of the generalized high-low-game. *Lecture Notes in Computer Science*, 1112:501–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Muselli:1996:OPA

[487] M. Muselli. Optimality of pocket algorithm. *Lecture Notes in Computer Science*, 1112:507–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Young:1996:IEC

[488] S. Young and T. Downs. Improvements and extensions to the constructive algorithm CARVE. *Lecture Notes in Computer Science*, 1112:513–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arai:1996:ARL

[489] K. Arai and R. Nakano. Annealed RNN learning of finite state automata. *Lecture Notes in Computer Science*, 1112:519–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freisleben:1996:HLR

[490] B. Freisleben and C. Hagen. A hierarchical learning rule for independent component analysis. *Lecture Notes in Computer Science*, 1112:525–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1996:INN

[491] G. Zhou and J. Si. Improving neural network training based on Jacobian rank deficiency. *Lecture Notes in Computer Science*, 1112:531–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biro:1996:NNE

[492] J. Biro, E. Halasz, T. Tron, and M. Boda. Neural networks for ex-

act constrained optimization. *Lecture Notes in Computer Science*, 1112:537–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kroener:1996:CSM

[493] S. Kroener and R. Moratz. Capacity of structured multilayer networks with shared weights. *Lecture Notes in Computer Science*, 1112:543–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boes:1996:OWD

[494] S. Boes. Optimal weight decay in a perceptron. *Lecture Notes in Computer Science*, 1112:551–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kwok:1996:BRC

[495] T.-Y. Kwok and D.-Y. Yeung. Bayesian regularization in constructive neural networks. *Lecture Notes in Computer Science*, 1112:557–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SantaCruz:1996:NDA

[496] C. Santa Cruz and J. Dorronsoro. A nonlinear discriminant algorithm for data projection and feature extraction. *Lecture Notes in Computer Science*, 1112:563–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Browne:1996:MSA

[497] C. Browne, J. De L. Pereira Castro, and A. Storkey. A modified spreading algorithm for autoassociation in weightless neural networks. *Lecture Notes in Computer Science*, 1112:569–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuenemann:1996:AMF

[498] S. Schuenemann, B. Michaelis, and W. Schubert. Analysis of multifluorescence signals using a modified self-organizing feature map. *Lecture Notes in Computer Science*, 1112:575–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koehle:1996:VSH

[499] M. Koehle and D. Merkl. Visualizing similarities in high dimensional input spaces with a growing and splitting neural network. *Lecture Notes in Computer Science*, 1112:581–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garcia-Salicetti:1996:NLP

[500] S. Garcia-Salicetti. A neural lexical post-processor for improved neural predictive word recognition. *Lecture Notes in Computer Science*, 1112:587–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Botto:1996:SNM

[501] M. A. Botto, H. A. B. Te Braake, and J. Sa Da Costa. Solving nonlinear MBPC through convex optimization: A comparative study using neural networks. *Lecture Notes in Computer Science*, 1112:593–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guermeur:1996:CSM

[502] Y. Guermeur and P. Gallinari. Combining statistical models for protein secondary structure prediction. *Lecture Notes in Computer Science*, 1112:599–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pietruschka:1996:URN

[503] U. Pietruschka and R. Brause. Using RBF-Nets in rubber industry process control. *Lecture Notes in Computer Science*, 1112:605–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ziemke:1996:TAR

[504] T. Ziemke. Towards autonomous robot control via self-adapting recurrent networks. *Lecture Notes in Computer Science*, 1112:611–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mael:1996:HNL

[505] E. Mael. A hierarchical network for learning robust models of kinematic chains. *Lecture Notes in Computer Science*, 1112:617–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yasuhara:1996:CBC

[506] K. Yasuhara and H. A. Mallot. Context-based cognitive map learning for an autonomous robot using a model of cortico-hippocampal interplay. *Lecture Notes in Computer Science*, 1112: 623–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zadel:1996:ABC

[507] S. Zadel. An algorithm for bootstrapping the core of a biologically inspired motor control system. *Lecture Notes in Computer Science*, 1112:629–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

RuizDeAngulo:1996:ARS

[508] V. Ruiz De Angulo and C. Torras. Automatic recalibration of a space robot: An industrial prototype. *Lecture Notes in Computer Science*, 1112:635–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jancke:1996:PCC

[509] D. Jancke, A. C. Akhavan, W. Erlhagen, and M. A. Giese. Population coding in cat visual cortex reveals nonlinear interactions as predicted by a neural field model. *Lecture Notes in Computer Science*, 1112:641–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kalia:1996:AIO

[510] L. N. Kalia. An analysis and interpretation of the oscillatory behavior of a model of the granular layer of the cerebellum. *Lecture Notes in Computer Science*, 1112:655–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mechsner:1996:CCM

[511] F. Mechsner and G. Palm. The cerebellum as a “coupling machine”. *Lecture Notes in Computer Science*, 1112: 661–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Durstewitz:1996:PFD

[512] D. Durstewitz and O. Guentuerkuen. The possible function of dopamine in associative learning: a computational model. *Lecture Notes in Computer Science*, 1112:667–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Riehle:1996:SDC

[513] A. Riehle, S. Gruen, A. Aertsen, and J. Requin. Signatures of dynamic cell assemblies in monkey motor cortex. *Lecture Notes in Computer Science*, 1112:673–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wesarg:1996:MSP

[514] T. Wesarg, B. Brueckner, and C. Schauer. Modelling speech processing and recognition in the auditory system with a three-stage architecture. *Lecture Notes in Computer Science*, 1112:679–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Triesch:1996:BPE

[515] J. Triesch and C. Von Der Malsburg. Binding — A proposed experiment and a model. *Lecture Notes in Computer Science*, 1112:685–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohme:1996:RMD

[516] M. Ohme and A. Schierwagen. A reduced model for dendritic trees with active membrane. *Lecture Notes in Computer Science*, 1112:691–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tavitian:1996:SCL

[517] S. Tavitian, T. Fomin, and A. Loerincz. Stabilizing competitive learning during on-line training with an Anti-Hebbian weight modulation. *Lecture Notes in Computer Science*, 1112:697–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vaucher:1996:NBB

[518] G. Vaucher. Neuro-biological bases for spario-temporal data coding in artificial neural networks. *Lecture Notes in Computer Science*, 1112:703–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsukada:1996:STL

[519] M. Tsukada, T. Aihara, H. Saito, and H. Karo. A spatio-temporal learning rule based on the physiological data of LTP induction in the hippocampal CA1 network. *Lecture Notes in Computer Science*, 1112:709–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vetter:1996:LNV

[520] T. Vetter. Learning novel views to a single face image. *Lecture Notes in Computer Science*, 1112:715–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vogelgesang:1996:PAD

[521] J. Vogelgesang, A. Cozzi, and F. Woergoetter. A parallel algorithm depth perception from radial optical flow fields. *Lecture Notes in Computer Science*, 1112:721–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Konen:1996:CFL

[522] W. Konen. Comparing facial line drawings with gray-level images: A case study on PHANTOMAS. *Lecture Notes in Computer Science*, 1112:727–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Branca:1996:GCO

[523] A. Branca, G. Convertino, E. Stella, and A. Distante. Geometrically constrained optical flow estimation by an Hopfield neural network. *Lecture Notes in Computer Science*, 1112:735–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cotofana:1996:SBA

[524] S. Cotofana and S. Vassiliadis. Serial binary addition with polynomially bounded weights. *Lecture Notes in Computer Science*, 1112:741–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Granado:1996:ETD

[525] B. Granado and P. Garda. Evaluation of the two different interconnection networks of the CNAPS neurocomputer. *Lecture Notes in Computer Science*, 1112:747–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pican:1996:IPP

[526] N. Pican. Intrinsic and parallel performances of the OWE neural network architecture. *Lecture Notes in Computer Science*, 1112:755–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Conti:1996:ACN

[527] M. Conti, G. Guaitini, and C. Turchetti. An analog CMOS neural network with on-chip learning and multilevel weight storage. *Lecture Notes in Computer Science*, 1112:761–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rossmann:1996:EHL

[528] M. Rossmann, T. Jost, K. Goser, and A. Buehlmeier. Exponential Hebbian on-line learning implemented in FPGAs. *Lecture Notes in Computer Science*, 1112:767–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lange:1996:PFN

[529] J. S. Lange and H. Freiesleben. A parameter-free non-growing self-organizing map based upon gravitational principles: Algorithm and applications. *Lecture Notes in Computer Science*, 1112:827–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anouar:1996:TMM

[530] F. Anouar, F. Badran, and S. Thiria. Topological maps for mixture densities. *Lecture Notes in Computer Science*, 1112:833–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Opara:1996:NAI

[531] R. Opara and F. Woergoetter. A novel algorithm for image segmentation using time dependent interaction probabilities. *Lecture Notes in Computer Science*, 1112:839–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poetzsch:1996:RGL

[532] M. Poetzsch, T. Maurer, L. Wiskott, and C. Von Der Malsburg. Reconstruction from graphs labeled with responses of Gabor filters. *Lecture Notes in Computer Science*, 1112:845–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rehse:1996:EIC

[533] O. Rehse, M. Poetzsch, and C. Von Der Malsburg. Edge information: a confidence based algorithm emphasizing continuous curves. *Lecture Notes in Computer Science*, 1112:851–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clarke:1996:WLM

[534] E. M. Clarke and X. Zhao. Word level model checking. *Lecture Notes in Computer Science*, 1113:1, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diekert:1996:CPT

[535] V. Diekert and A. Muscholl. Code problems on traces. *Lecture Notes in Computer Science*, 1113:2–17, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gibbons:1996:MDC

[536] A. Gibbons, M. Amos, and D. Hodgson. Models of DNA computation. *Lecture Notes in Computer Science*, 1113: 18–36, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mosses:1996:TPA

[537] P. D. Mosses. Theory and practice of action semantics. *Lecture Notes in Computer Science*, 1113:37–61, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mukund:1996:LTT

[538] M. Mukund and P. S. Thiagarajan. Linear time temporal logics over Mazurkiewicz traces. *Lecture Notes in Computer Science*, 1113:62–92, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Peled:1996:POR

[539] D. A. Peled. Partial order reduction: model-checking using representatives. *Lecture Notes in Computer Science*, 1113:93–112, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Remmel:1996:NRS

[540] J. B. Remmel. Nonmonotonic rule systems: forward chaining, constraints, and complexity. *Lecture Notes in Computer Science*, 1113:113, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sannella:1996:MGA

[541] D. Sannella and A. Tarlecki. Mind the gap! abstract versus concrete models of specifications. *Lecture Notes in Computer Science*, 1113:114–134, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tiuryn:1996:SCS

[542] J. Tiuryn. A sequent calculus for subtyping polymorphic types. *Lecture*

Notes in Computer Science, 1113:135–155, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Uspensky:1996:KCR

[543] V. A. Uspensky. Kolmogorov complexity: recent research in Moscow. *Lecture Notes in Computer Science*, 1113:156–166, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balbiani:1996:MLD

[544] P. Balbiani. A modal logic for data analysis. *Lecture Notes in Computer Science*, 1113:167–179, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baum:1996:SPF

[545] G. A. Baum, M. F. Frias, A. M. Haeberer, and P. E. Martinez Lopez. From specifications to programs: a fork-algebraic approach to bridge the gap. *Lecture Notes in Computer Science*, 1113:180–191, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bednarczyk:1996:LPE

[546] M. A. Bednarczyk. Logic of predicates with explicit substitutions. *Lecture Notes in Computer Science*, 1113:192–205, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beigel:1996:QCS

[547] R. Beigel, W. Gasarch, M. Kummer, and G. Martin. On the query complexity of sets. *Lecture Notes in Computer Science*, 1113:206–217, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bono:1996:LCI

[548] V. Bono, M. Bugliesi, and L. Liquori. A lambda calculus of incomplete objects. *Lecture Notes in Computer Science*, 1113:218–229, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boreale:1996:BPR

[549] M. Boreale and L. Trevisan. Bisimilarity problems requiring exponential time. *Lecture Notes in Computer Science*, 1113:230–241, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBruin:1996:LDK

[550] A. De Bruin and S. H. Nienhuys-Cheng. Linear dynamic Kahn networks are deterministic. *Lecture Notes in Computer Science*, 1113:242–254, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cai:1996:SPP

[551] X. Cai, T. Kloks, and C. K. Wong. Shortest path problems with time constraints. *Lecture Notes in Computer Science*, 1113:255–266, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chlebus:1996:PAD

[552] B. S. Chlebus, A. Czumaj, L. Gasieniec, and M. Kowaluk. Parallel alternating-direction access machine. *Lecture Notes in Computer Science*, 1113:267–478, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corradini:1996:SVT

[553] F. Corradini and M. Pistore. Specification and verification of timed lazy systems. *Lecture Notes in Computer Science*, 1113:279–290, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Demri:1996:CIL

[554] S. Demri. A class of information logics with a decidable validity problem. *Lecture Notes in Computer Science*, 1113:291–302, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dessmark:1996:PNP

[555] A. Dessmark and A. Lingas. On the power of nonconservative PRAM. *Lecture Notes in Computer Science*, 1113: 303–311, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Durand:1996:SSV

[556] B. Durand. Self-similarity viewed as a local property via tile sets. *Lecture Notes in Computer Science*, 1113:312–323, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engelhardt:1996:SSS

[557] K. Engelhardt and W.-P. De Roever. Simulation of specification statements in Hoare logic. *Lecture Notes in Computer Science*, 1113:324–335, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esik:1996:EPI

[558] Z. Esik and A. Labella. Equational properties of iteration in algebraically complete categories. *Lecture Notes in Computer Science*, 1113:336–347, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernau:1996:UT

[559] H. Fernau. On unconditional transfer. *Lecture Notes in Computer Science*, 1113:348–359, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fotakis:1996:PPR

[560] D. Fotakis and P. Spirakis. (poly($\log\log n$), poly ($\log\log n$))-restricted verifiers are unlikely to exist for languages in NP. *Lecture Notes in Computer Science*, 1113:360–371, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gasieniec:1996:MCL

[561] L. Gasieniec, E. Kranakis, D. Krizanc, and A. Pelc. Minimizing congestion of layouts for ATM networks with faulty links. *Lecture Notes in Computer Science*, 1113:372–381, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glaister:1996:PAC

[562] I. Glaister and J. Shallit. Polynomial automaticity, context-free languages, and fixed points of morphisms (extended abstract). *Lecture Notes in Computer Science*, 1113:382–393, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goltz:1996:CT

[563] U. Goltz and H. Wehrheim. Causal testing. *Lecture Notes in Computer Science*, 1113:394–406, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1996:CLH

[564] Z. Hu, H. Iwasaki, and M. Takeichi. Construction of list homomorphisms by tupling and fusion. *Lecture Notes in Computer Science*, 1113:407–418, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kwiatkowska:1996:PMS

[565] M. Kwiatkowska and G. Norman. Probabilistic metric semantics for a simple language with recursion. *Lecture Notes in Computer Science*, 1113:419–430, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maggiolo-Schettini:1996:DG

[566] A. Maggiolo-Schettini and J. Winkowski. Dynamic graphs. *Lecture Notes in Computer Science*, 1113:431–442, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mantaci:1996:ET

[567] S. Mantaci and A. Restivo. Equations on trees. *Lecture Notes in Computer Science*, 1113:443–456, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohlebusch:1996:EPP

[568] E. Ohlebusch and E. Ukkonen. On the equivalence problem for E-pattern languages (extended abstract). *Lecture Notes in Computer Science*, 1113:457–468, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pawlowski:1996:SVP

[569] W. Pawlowski, P. Paczkowski, and S. Sokolowski. Specifying and verifying parametric processes. *Lecture Notes in Computer Science*, 1113:469–481, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pliuskevicius:1996:SFF

[570] R. Pliuskevicius. On saturation with flexible function symbols. *Lecture Notes in Computer Science*, 1113:482–493, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roessner:1996:AGS

[571] C. Roessner and J.-P. Seifert. Approximating good simultaneous Diophantine approximations is almost NP-hard. *Lecture Notes in Computer Science*, 1113:494–505, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seebold:1996:CSM

[572] P. Seebold. On the conjugation of standard morphisms. *Lecture Notes in Computer Science*, 1113:506–516, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shi:1996:SMA

[573] H. Shi. A semantic matching algorithm: analysis and implementation. *Lecture Notes in Computer Science*, 1113:517–528, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sibeyn:1996:RTT

[574] J. F. Sibeyn. Routing on triangles, tori and honeycombs. *Lecture Notes in Computer Science*, 1113:529–541, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelaTorre:1996:UAT

[575] P. De la Torre and D. T. Kao. A uniform analysis of trie structures that store prefixing-keys with application to doubly-chained prefixing-tries. *Lecture Notes in Computer Science*, 1113:542–553, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wabenhorst:1996:FTR

[576] A. Wabenhorst. On fairness in terminating and reactive programs. *Lecture Notes in Computer Science*, 1113:554–565, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yamakami:1996:PTS

[577] T. Yamakami. Polynomial time samplable distributions. *Lecture Notes in Computer Science*, 1113:566–578, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zucca:1996:SDA

[578] E. Zucca. From static to dynamic abstract data-types. *Lecture Notes in Computer Science*, 1113:579–590, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouhoula:1996:GFM

[579] A. Bouhoula. A general framework for mechanizing induction using test set. *Lecture Notes in Computer Science*, 1114:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bulmer:1996:IER

[580] M. Bulmer. Inductive equational reasoning. *Lecture Notes in Computer Science*, 1114:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Webb:1996:CSS

[581] G. I. Webb. Cost-sensitive specialization. *Lecture Notes in Computer Science*, 1114:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhang:1996:EMP

[582] X. Zhang and M. Numao. Efficient multiple predicate learner based on fast failure mechanism. *Lecture Notes in Computer Science*, 1114:35–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raskutti:1996:AUP

[583] B. Raskutti and A. Beitz. Acquiring user preferences for information filtering in interactive multi-media services. *Lecture Notes in Computer Science*, 1114:47–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhao:1996:DIF

[584] M. Zhao and C. Leckie. The development of an interactive fault diag-

nosis expert system for telecommunication applications. *Lecture Notes in Computer Science*, 1114:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ishino:1996:IES

[585] K. Ishino, K. Sugai, and R. Mizoguchi. An intelligent education system which supports scientific thinking: Galileo — philosophy and basic architecture. *Lecture Notes in Computer Science*, 1114:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raskutti:1996:UAH

[586] B. Raskutti and I. Zukerman. A unified approach to handling uncertainty during cooperative consultations. *Lecture Notes in Computer Science*, 1114: 85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wuwongse:1996:DPT

[587] V. Wuwongse and E. Nantajeewarawat. Declarative program theory with implicit implication. *Lecture Notes in Computer Science*, 1114:97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Debenham:1996:KDA

[588] J. Debenham. Knowledge decomposition: An analysis. *Lecture Notes in Computer Science*, 1114:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stumme:1996:CCT

[589] G. Stumme. The concept classification of a terminology extended by conjunction and disjunction. *Lecture Notes in Computer Science*, 1114:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fall:1996:EPO

[590] A. Fall. Extending partial orders for sort reasoning. *Lecture Notes in Computer Science*, 1114:132–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Restificar:1996:UPP

[591] A. C. Restificar. An update procedure for A probabilistic deductive database. *Lecture Notes in Computer Science*, 1114:144–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zowghi:1996:FRA

[592] D. Zowghi, A. K. Ghose, and P. Peppas. A framework for reasoning about requirements evolution. *Lecture Notes in Computer Science*, 1114:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lai:1996:AHK

[593] F.-L. Lai, J.-H. Lim, L. Ding, and A.-H. Tan. An application of hierarchical knowledge integration in hand-written form processing. *Lecture Notes in Computer Science*, 1114:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoang:1996:AMI

[594] D. B. Hoang and M. R. James. AMI: a model of intelligence. *Lecture Notes in Computer Science*, 1114:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohsuga:1996:SPN

[595] S. Ohsuga. Symbol processing by non-symbol processor. *Lecture Notes in Computer Science*, 1114:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nicholson:1996:FDU

[596] A. E. Nicholson. Fall diagnosis using dynamic belief networks. *Lecture Notes in Computer Science*, 1114:206–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1996:RDB

[597] S. W. K. Chan and J. Franklin. Remembrance of discourse based on textual continuity: A spreading activation network. *Lecture Notes in Computer Science*, 1114:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomas:1996:LAU

[598] I. Thomas, I. Zukerman, J. Oliver, and B. Raskutti. Lexical access using minimum message length encoding. *Lecture Notes in Computer Science*, 1114:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Patel:1996:UNN

[599] M. Patel. Using neural nets to investigate lexical analysis. *Lecture Notes in Computer Science*, 1114:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kwan:1996:VNA

[600] A. C. M. Kwan. Validity of normality assumption in CSP research. *Lecture Notes in Computer Science*, 1114: 253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:IGA

[601] B. Liu. An improved generic arc consistency algorithm and its specializations. *Lecture Notes in Computer Science*, 1114:264–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daalder:1996:HLS

[602] J. Daalder, P. W. Eklund, and K. Ohmori. High-level synthesis optimisation with genetic algorithms. *Lecture Notes in Computer Science*, 1114: 276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitamura:1996:QRB

[603] Y. Kitamura, M. Ikeda, and R. Mizoguchi. A qualitative reasoning based on an ontology of fluid systems and its evaluation. *Lecture Notes in Computer Science*, 1114:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kato:1996:PCB

[604] S. Kato, H. Seki, and H. Itoh. Parallel cost-based abductive reasoning for distributed memory systems. *Lecture Notes in Computer Science*, 1114:300–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Washio:1996:HOE

[605] T. Washio and H. Motoda. A history-oriented envisioning method. *Lecture Notes in Computer Science*, 1114:312–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jain:1996:TLR

[606] S. Jain and A. Sharma. Team learning of recursive languages. *Lecture Notes in Computer Science*, 1114:324–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ho:1996:CVC

[607] T. Ho. Combining views on concepts in unsupervised concept learning. *Lecture Notes in Computer Science*, 1114:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cameron-Jones:1996:CBA

[608] M. Cameron-Jones. The complexity of batch approaches to reduced error rule set induction. *Lecture Notes in Computer Science*, 1114:348–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mofizur:1996:LSR

[609] Chowdhury Rahman Mofizur and M. Numao. Learning simple recursive concepts by discovering missing examples. *Lecture Notes in Computer Science*, 1114:360–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonacina:1996:SRL

[610] M. P. Bonacina and J. Hsiang. On semantic resolution with lemmaizing and contraction. *Lecture Notes in Computer Science*, 1114:372–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Girle:1996:TEC

[611] R. A. Girle. Tableaux for expansion and contraction. *Lecture Notes in Computer Science*, 1114:387–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huang:1996:TMG

[612] X. Huang. Translating machine-generated resolution proofs into ND-Proofs at the assertion level. *Lecture Notes in Computer Science*, 1114:399–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dai:1996:ETR

[613] B. Dai, D. A. Bell, and J. G. Hughes. Evidential temporal representations and reasoning. *Lecture Notes in Computer Science*, 1114:411–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melville:1996:UAN

[614] S. Melville, G. Sutcliffe, and D. Fraser. Using artificial neural networks for meteor-burst communications trail prediction. *Lecture Notes in Computer Science*, 1114:423–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Low:1996:MCR

[615] Boon Toh Low. Modeling commonsense rules in an inference network. *Lecture Notes in Computer Science*, 1114:435–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Park:1996:ASN

[616] H. Park, K. Lee, H. Byun, and Y. Lee. Adaptive SEJONG-NET for on-line Hangul recognition. *Lecture Notes in Computer Science*, 1114:447–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luo:1996:UAS

[617] X. Luo and C. Zhang. A unified algebraic structure for uncertain reasonings. *Lecture Notes in Computer Science*, 1114:459–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Courtney:1996:ESC

[618] A. P. Courtney, G. Antoniou, and N. Y. Foo. Exten: a system for computing default logic extensions. *Lecture Notes in Computer Science*, 1114:471–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Morley:1996:LCE

[619] D. Morley and L. Sonenberg. A logic for concurrent events and action failure. *Lecture Notes in Computer Science*, 1114:483–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Konishi:1996:DWM

[620] T. Konishi and Y. Itoh. Domain world models represented from variable viewpoints for ICAI systems of high-school chemistry. *Lecture Notes in Computer Science*, 1114:495–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

HungKwok:1996:CTT

[621] R. B. Hung Kwok. Creating theoretical terms for non-deterministic actions. *Lecture Notes in Computer Science*, 1114:510–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kwok:1996:CTT

[622] R. B. Hung Kwok. Creating theoretical terms for non-deterministic actions. *Lecture Notes in Computer Science*, 1114:510–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antoniou:1996:CEC

[623] G. Antoniou, C. K. MacNish, and N. Y. Foo. Conservative expansion concepts for default theories. *Lecture Notes in Computer Science*, 1114:522–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ohara:1996:FEH

[624] K. Ohara, N. Babaguchi, and T. Kitahashi. On formation of exception hierarchy. *Lecture Notes in Computer Science*, 1114:534–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghose:1996:ADI

[625] A. K. Ghose and R. Goebel. Anytime default inference. *Lecture Notes in Computer Science*, 1114:546–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antoniou:1996:SPC

[626] G. Antoniou, T. O'Neill, and J. Thurbon. Studying properties of classes of default logics — preliminary report. *Lecture Notes in Computer Science*, 1114:558–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Noda:1996:LCB

[627] I. Noda, H. Matsubara, and K. Hiraki. Learning cooperative behavior in multi-agent environment — A case study of choice of play-plans in soccer. *Lecture Notes in Computer Science*, 1114:570–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Loke:1996:CIA

[628] S. W. Loke, A. Davison, and L. Sterling. CIFI: An intelligent agent for citation finding on the World-Wide Web. *Lecture Notes in Computer Science*, 1114:580–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murase:1996:AMS

[629] Y. Murase, H. Matsubara, and Y. Hiraga. Automatic making of Sokoban problems. *Lecture Notes in Computer Science*, 1114:592–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cavedon:1996:BAR

[630] L. Cavedon and A. Rao. Bringing about rationality: Incorporating plans into a BDI agent architecture. *Lecture Notes in Computer Science*, 1114:601–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:AAF

[631] L.-F. Lee and A. Kean. An architecture for autonomous flying vehicles: a preliminary report. *Lecture Notes in Computer Science*, 1114:613–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Segawa:1996:FRT

[632] Y. Segawa, H. Sakai, T. Endoh, and K. Murakami. Face recognition through Hough transform for irises extraction and projection procedures for parts localization — for facial caricaturing system PICASSO. *Lecture Notes in Computer Science*, 1114:625–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yoo:1996:EFR

[633] T.-W. Yoo and I.-S. Oh. Extraction of face region and features based on chromatic properties of human faces. *Lecture Notes in Computer Science*, 1114:637–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsushita:1996:FPM

[634] M. Matsushita, M. Umano, I. Hatono, and H. Tamura. A fast pattern-matching algorithm using matching

candidates for production systems. *Lecture Notes in Computer Science*, 1114:646–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sowa:1996:PP

[635] J. F. Sowa. Processes and participants. *Lecture Notes in Computer Science*, 1115:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wille:1996:CSM

[636] R. Wille. Conceptual structures of multicontexts. *Lecture Notes in Computer Science*, 1115:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eades:1996:GDM

[637] P. Eades. Graph drawing methods. *Lecture Notes in Computer Science*, 1115:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lehmann:1996:BPP

[638] F. Lehmann. Big posets of participatings and thematic roles. *Lecture Notes in Computer Science*, 1115:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stilman:1996:LGT

[639] B. Stilman. Linguistic geometry tools generate optimal solutions. *Lecture Notes in Computer Science*, 1115:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petermann:1996:NLT

[640] H. Petermann. Natural language text processing and the maximal join operator. *Lecture Notes in Computer Science*, 1115:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Angelova:1996:DMK

[641] G. Angelova and K. Bontcheva. DB-MAT: Knowledge acquisition, processing and NL generation using conceptual graphs. *Lecture Notes in Computer Science*, 1115:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huibers:1996:CGA

[642] T. Huibers, I. Ounis, and J.-P. Chevallet. Conceptual graph aboutness. *Lecture Notes in Computer Science*, 1115:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martin:1996:CSS

[643] P. Martin and L. Alpay. Conceptual structures and structured documents. *Lecture Notes in Computer Science*, 1115:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guinaldo:1996:CGI

[644] O. Guinaldo. Conceptual graphs isomorphism: Algorithm and use. *Lecture Notes in Computer Science*, 1115:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moeller:1996:ECG

[645] J.-U. Moeller and D. Wiese. Editing conceptual graphs. *Lecture Notes in Computer Science*, 1115:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghosh:1996:CST

[646] B. Ghosh and V. Wuwongse. Computational situation theory in the conceptual graph language. *Lecture Notes in Computer Science*, 1115:188–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oehrstroem:1996:EGT

[647] P. Oehrstroem. Existential graphs and tense logic. *Lecture Notes in Computer Science*, 1115:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delugach:1996:MAD

[648] H. S. Delugach and T. H. Hinke. Microanalysis: Acquiring database semantics in conceptual graphs. *Lecture Notes in Computer Science*, 1115:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esch:1996:PTD

[649] J. Esch and R. Levinson. Propagating truth and detecting contradiction in conceptual graph databases. *Lecture Notes in Computer Science*, 1115: 229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salvat:1996:SCF

[650] E. Salvat and M.-L. Mugnier. Sound and complete forward and backward chainings of graph rules. *Lecture Notes in Computer Science*, 1115:248–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wuwongse:1996:TFC

[651] V. Wuwongse and Cao Hoang Tru. Towards fuzzy conceptual graph programs. *Lecture Notes in Computer Science*, 1115:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fall:1996:STE

[652] A. Fall. Sparse term encoding for dynamic taxonomies. *Lecture Notes in Computer Science*, 1115:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sarbo:1996:LE

[653] J. J. Sarbo. Lattice embedding. *Lecture Notes in Computer Science*, 1115: 293–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stumme:1996:LSC

[654] G. Stumme. Local scaling in conceptual data systems. *Lecture Notes in Computer Science*, 1115:308–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hall:1996:MTS

[655] J. Hall. Management of telecommunication systems and services: Modelling and implementing TMN-Based multi-domain management. *Lecture Notes in Computer Science*, 1116:xxi + 229, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hagerup:1996:AIT

[656] T. Hagerup. Allocating independent tasks to parallel processors: An experimental study. *Lecture Notes in Computer Science*, 1117:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oliker:1996:PIA

[657] L. Oliker, R. Biswas, and R. C. Strawn. Parallel implementation of an adaptive scheme for 3D unstructured grids on the SP2. *Lecture Notes in Computer Science*, 1117:35–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dearholt:1996:SLS

[658] W. Dearholt, S. Castillo, and G. Hennigan. Solution of large, sparse, irregular systems on a massively parallel computer. *Lecture Notes in Computer Science*, 1117:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deshpande:1996:PIS

[659] V. Deshpande, M. J. Grote, P. Messmer, and W. Sawyer. Parallel implementation of a sparse approximate inverse preconditioner. *Lecture Notes in Computer Science*, 1117:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Catalyuerek:1996:DIS

[660] U. V. Catalyuerek and C. Aykanat. Decomposing irregularly sparse matrices for parallel matrix-vector multiplication. *Lecture Notes in Computer Science*, 1117:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simon:1996:DSP

[661] H. D. Simon and A. Sohn. Dynamic spectral partitioning. *Lecture Notes in Computer Science*, 1117:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Christou:1996:FDG

[662] I. T. Christou and R. R. Meyer. Fast distributed genetic algorithms for partitioning uniform grids. *Lecture Notes in Computer Science*, 1117:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dorward:1996:TEU

[663] S. E. Dorward, L. R. Matheson, and R. E. Tarjan. Towards efficient unstructured multigrid preprocessing. *Lecture Notes in Computer Science*, 1117:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Egecioglu:1996:DDP

[664] O. Egecioglu and A. Srinivasan. Domain decomposition for particle methods on the sphere. *Lecture Notes in Computer Science*, 1117:119–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Everaars:1996:CDP

[665] C. T. H. Everaars and F. Arbab. Coordination of distributed/parallel multiple-grid domain decomposition. *Lecture Notes in Computer Science*, 1117:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yelick:1996:SSI

[666] K. Yelick. Systems support for irregular parallel applications. *Lecture Notes in Computer Science*, 1117:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chandy:1996:DOO

[667] J. A. Chandy, S. Parkes, and P. Banerjee. Distributed object oriented data structures and algorithms for VLSI CAD. *Lecture Notes in Computer Science*, 1117:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yu:1996:PPR

[668] Y. Yu, O. H. Ibarra, and T. Yang. Parallel progressive radiosity with adaptive meshing. *Lecture Notes in Computer Science*, 1117:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hunt:1996:LFE

[669] G. C. Hunt and R. C. Nelson. Lineal feature extraction by parallel stick growing. *Lecture Notes in Computer Science*, 1117:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Traeff:1996:SPA

[670] J. L. Traeff and C. D. Zaroliagis. A simple parallel algorithm for the single-source shortest path problem on planar digraphs. *Lecture Notes in Computer Science*, 1117:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeDinechin:1996:RVA

[671] F. De Dinechin, D. K. Wilde, S. Rajopadhye, and R. Andonov. A regular VLSI array for an irregular algorithm. *Lecture Notes in Computer Science*, 1117:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:DLS

[672] T. R. Smith. Digital libraries and spatial information processing. *Lecture Notes in Computer Science*, 1117:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fink:1996:FCM

[673] S. J. Fink, S. B. Baden, and S. R. Kohn. Flexible communication mechanisms for dynamic structured applications. *Lecture Notes in Computer Science*, 1117:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gonzalez:1996:MMM

[674] T. F. Gonzalez. Multi-message multicasting. *Lecture Notes in Computer Science*, 1117:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diderich:1996:SSD

[675] C. G. Diderich and M. Gengler. Synchronization as a strategy for designing efficient parallel algorithms. *Lecture Notes in Computer Science*, 1117: 229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moreira:1996:SDD

[676] J. E. Moreira, K. Eswar, R. B. Konuru, and V. K. Naik. Supporting dynamic data and processor repartitioning for irregular applications. *Lecture Notes in Computer Science*, 1117:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bik:1996:SQE

[677] A. J. C. Bik and H. A. G. Wijshoff. Simple quantitative experiments with a sparse compiler. *Lecture Notes in Computer Science*, 1117:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Botorog:1996:UAS

[678] G. H. Botorog and H. Kuchen. Using algorithmic skeletons with dynamic data structures. *Lecture Notes in Computer Science*, 1117:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shinano:1996:IDG

[679] Y. Shinano, M. Higaki, and R. Hirabayashi. An interface design for general parallel branch-and-bound algorithms. *Lecture Notes in Computer Science*, 1117:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schreiber:1996:SIC

[680] R. Schreiber. Support for irregular computation in High Performance Fortran. *Lecture Notes in Computer Science*, 1117:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heun:1996:EDE

[681] V. Heun and E. W. Mayr. Efficient dynamic embedding of arbitrary binary trees into hypercubes. *Lecture Notes in Computer Science*, 1117:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Watts:1996:PDL

[682] J. Watts, M. Rieffel, and S. Taylor. Practical dynamic load balancing for irregular problems. *Lecture Notes in Computer Science*, 1117:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lamari:1996:MAP

[683] M. Lamari and W. F. De la Vega. The module allocation problem: An average case analysis. *Lecture Notes in Computer Science*, 1117:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reimer:1996:DAD

[684] N. H. Reimer, S. U. Haenssgen, and W. F. Tichy. Dynamically adapting the degree of parallelism with reflexive programs. *Lecture Notes in Computer Science*, 1117:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grigni:1996:CGB

[685] M. Grigni and F. Manne. On the complexity of the generalized block distribution. *Lecture Notes in Computer Science*, 1117:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melab:1996:ALB

[686] N. Melab, N. Devesa, M. P. Lecouffe, and B. Toursel. Adaptive load balancing of irregular applications IDA0* applied to the 15-Puzzle problem. *Lecture Notes in Computer Science*, 1117: 327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cela:1996:MPA

[687] J. M. Cela, J. C. Duersteler, and J. Labarta. Manufacturing progressive addition lenses using distributed parallel processing. *Lecture Notes in Computer Science*, 1117:339–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greenlaw:1996:PCR

[688] R. Greenlaw and J. Machta. The parallel complexity of randomized fractals. *Lecture Notes in Computer Science*, 1117:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abdennadher:1996:CCH

[689] S. Abdennadher, T. Fruehwirth, and H. Meuss. On confluence of constraint handling rules. *Lecture Notes in Computer Science*, 1118:1–15, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Affane:1996:LAC

[690] M. S. Affane and H. Bennaceur. A labeling arc consistency method for functional constraints. *Lecture Notes in Computer Science*, 1118:16–30, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Banerjee:1996:CSO

[691] D. Banerjee and J. Frank. Constraint satisfaction in optical routing for passive wavelength-routed networks. *Lecture Notes in Computer Science*, 1118:31–45, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bayardo:1996:UCL

[692] R. J. Bayardo and R. Schrag. Using CSP look-back techniques to solve exceptionally hard SAT instances. *Lecture Notes in Computer Science*, 1118: 46–60, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bessiere:1996:MCH

[693] C. Bessiere and J.-C. Regin. MAC and combined heuristics: Two reasons to forsake FC (and CBJ?) on hard problems. *Lecture Notes in Computer Science*, 1118:61–75, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Charatonik:1996:IPC

[694] W. Charatonik and A. Podelski. The independence property of a class of set constraints. *Lecture Notes in Computer Science*, 1118:76–90, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1996:SCP

[695] B. M. W. Cheng, J. H. M. Lee, and J. C. K. Wu. Speeding up constraint propagation by redundant modeling. *Lecture Notes in Computer Science*, 1118:91–103, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chiu:1996:CBI

[696] C. K. Chiu, C. M. Chou, J. H. M. Lee, and H. F. Leung. A constraint-based interactive train rescheduling tool. *Lecture Notes in Computer Science*, 1118:104–118, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clark:1996:LSN

[697] D. A. Clark, J. Frank, I. P. Gent, and E. MacIntyre. Local search and the number of solutions. *Lecture Notes in Computer Science*, 1118:119–133, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohen:1996:DCD

[698] D. Cohen, M. Gyssens, and P. Jeavons. Derivation of constraints and database relations. *Lecture Notes in Computer Science*, 1118:134–148, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Colombani:1996:CPE

[699] Y. Colombani. Constraint programming: An efficient and practical approach to solving the job-shop problem. *Lecture Notes in Computer Science*, 1118:149–163, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

ElSakkout:1996:IAC

[700] H. El Sakkout, M. G. Wallace, and E. B. Richard. An instance of adaptive constraint propagation. *Lecture Notes in Computer Science*, 1118:164–178, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gent:1996:ESD

[701] I. P. Gent, E. MacIntyre, P. Prosser, and B. M. Smith. An empirical study of dynamic variable ordering heuristics for the constraint satisfaction problem. *Lecture Notes in Computer Science*, 1118:179–193, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hao:1996:ESH

[702] J.-K. Hao and R. Dorne. Empirical studies of heuristic local search for constraint solving. *Lecture Notes in Computer Science*, 1118:194–208, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzbaur:1996:DCQ

[703] C. Holzbaur, F. Menezes, and P. Barahona. Defeasibility in CLP(Q) through generalized slack variables. *Lecture Notes in Computer Science*, 1118:209–223, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hooker:1996:IDB

[704] J. N. Hooker. Inference duality as a basis for sensitivity analysis. *Lecture Notes in Computer Science*, 1118:224–236, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hosobe:1996:GLP

[705] H. Hosobe, S. Matsuoka, and A. Yonezawa. Generalized local propagation: a framework for solving constraint hierarchies. *Lecture Notes in Computer Science*, 1118:237–251, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jampel:1996:TBH

[706] M. Jampel, J.-M. Jacquet, D. Gilbert, and S. Hunt. Transformations between HCLP and PCSP. *Lecture Notes in Computer Science*, 1118:252–266, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jeavons:1996:TT

[707] P. Jeavons, D. Cohen, and M. Gyssens. A test for tractability. *Lecture Notes in Computer Science*, 1118:267–281, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kepser:1996:CCS

[708] S. Kepser and K. U. Schulz. Combination of constraint systems II: Rational amalgamation. *Lecture Notes in Computer Science*, 1118:282–296, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koubarakis:1996:TDL

[709] M. Koubarakis. Tractable disjunctions of linear constraints. *Lecture Notes in Computer Science*, 1118:297–307, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larrosa:1996:EUD

[710] J. Larrosa and P. Meseguer. Exploiting the use of DAC in MAX-CSP. *Lecture Notes in Computer Science*, 1118:308–322, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lau:1996:NAW

[711] Hoong Chuin Lau. A new approach for weighted constraint satisfaction: Theoretical and computational results. *Lecture Notes in Computer Science*, 1118:323–337, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:TME

[712] J. H. M. Lee, H.-F. Leung, and H.-W. Won. Towards a more efficient stochastic constraint solver. *Lecture Notes in Computer Science*, 1118:338–352, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pesant:1996:VLS

[713] G. Pesant and M. Gendreau. A view of local search in constraint programming. *Lecture Notes in Computer Science*, 1118:353–366, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rojas:1996:QSS

[714] M. C. R. Rojas. From quasi-solutions to solution: An evolutionary algorithm to solve CSP. *Lecture Notes in Computer Science*, 1118:367–381, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rossi:1996:EVL

[715] F. Rossi. Existential variables and local consistency in finite domain constraint problems. *Lecture Notes in Computer Science*, 1118:382–396, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruet:1996:LSC

[716] P. Ruet. Logical semantics of concurrent constraint programming. *Lecture Notes in Computer Science*, 1118:397–409, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Sam-Haroud:1996:SNB

[717] D. Sam-Haroud and B. V. Faltings. Solving non-binary convex CSPs in continuous domains. *Lecture Notes in Computer Science*, 1118:410–424, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suzuki:1996:ECT

[718] T. Suzuki, N. Kakinuma, and T. Tokuda. An experimental comparison of three modified DeltaBlue algorithms. *Lecture Notes in Computer Science*, 1118:425–435, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tinelli:1996:CLP

[719] C. Tinelli and M. Harandi. Constraint logic programming over unions of constraint theories. *Lecture Notes in Computer Science*, 1118:436–450, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Urbina:1996:AHS

[720] L. Urbina. Analysis of hybrid systems in CLP(R). *Lecture Notes in Computer Science*, 1118:451–467, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vandeurzen:1996:QLL

[721] L. Vandeurzen, M. Gyssens, and D. Van Gucht. On query languages for linear queries definable with polynomial constraints. *Lecture Notes in Computer Science*, 1118:468–481, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wallace:1996:AHM

[722] R. J. Wallace. Analysis of heuristic methods for partial constraint satisfaction problems. *Lecture Notes in Computer Science*, 1118:482–496, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yokoo:1996:SSP

[723] M. Yokoo, T. Suyama, and H. Sawada. Solving satisfiability problems using field programmable gate arrays: First results. *Lecture Notes in Computer Science*, 1118:497–509, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1996:CPS

[724] J. Zhou. A constraint program for solving the job-shop problem. *Lecture Notes in Computer Science*, 1118:510–524, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albers:1996:PPS

[725] P. Albers and J. Bellone. PSAP — A planning system for aircraft production. *Lecture Notes in Computer Science*, 1118:525–526, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Battle:1996:UPA

[726] S. A. Battle. Using partial arc consistency in a database environment. *Lecture Notes in Computer Science*, 1118:527–528, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouzoubaa:1996:FCH

[727] M. Bouzoubaa. Functional constraint hierarchies in CLP. *Lecture Notes in Computer Science*, 1118:529–530, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carlsson:1996:TOF

[728] M. Carlsson, B. Carlson, and G. Ottosson. Towards an open finite domain constraint solver. *Lecture Notes in Computer Science*, 1118:531–532, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chmeiss:1996:ECP

[729] A. Chmeiss and P. Jegou. Efficient constraint propagation with good space complexity. *Lecture Notes in Computer Science*, 1118:533–534, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dalal:1996:ATR

[730] M. Dalal and Y. Feng. Anytime temporal reasoning: Preliminary report. *Lecture Notes in Computer Science*, 1118:535–536, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fages:1996:CMG

[731] F. Fages. From constraint minimization to goal optimization in CLP languages. *Lecture Notes in Computer Science*, 1118:537–538, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frost:1996:LFL

[732] D. Frost and R. Dechter. Looking at full looking ahead. *Lecture Notes in Computer Science*, 1118:539–540, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grant:1996:APC

[733] S. A. Grant and B. M. Smith. The arc and path consistency phase transitions. *Lecture Notes in Computer Science*, 1118:541–542, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hellinck:1996:ECC

[734] W. Hellinck. Experiences with combining constraint programming and discrete event simulation. *Lecture Notes in Computer Science*, 1118:543–544, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirayama:1996:HCL

[735] K. Hirayama. Hill-climbing with local consistency for solving distributed CSPs. *Lecture Notes in Computer Science*, 1118:545–546, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juengen:1996:AAM

[736] F. J. Juengen and W. Kowalczyk. Approximate algorithms for maximum utility problems. *Lecture Notes in Computer Science*, 1118:547–548, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lamma:1996:MCL

[737] E. Lamma, P. Mello, and M. Milano. A meta constraint logic programming architecture. *Lecture Notes in Computer Science*, 1118:549–550, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Merel:1996:ACC

[738] P.-P. Merel, Z. Habbas, F. Herrmann, and D. Singer. N-ary consistencies and constraint-based backtracking. *Lecture Notes in Computer Science*, 1118:551–552, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

NDong:1996:GBC

[739] S. N'Dong and M. Van Caneghem. Global behaviour for complex constraints. *Lecture Notes in Computer Science*, 1118:553–554, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rish:1996:GTH

[740] I. Rish and R. Dechter. To guess or to think? hybrid algorithms for SAT. *Lecture Notes in Computer Science*, 1118:555–556, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaechter:1996:LSS

[741] V. Schaechter. A local simplification scheme for cc programs. *Lecture Notes in Computer Science*, 1118:557–558, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Solotorevsky:1996:EUB

[742] G. Solotorevsky. From evaluating upper bounds of the complexity of solving CSPs to finding all the solution of CSPs. *Lecture Notes in Computer Science*, 1118:559–560, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Solotorevsky:1996:MSD

[743] G. Solotorevsky, E. Gudes, and A. Meisels. Modeling and solving distributed constraint satisfaction problems (DCSPs). *Lecture Notes in Computer Science*, 1118:561–562, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:SAS

[744] D. R. Smith and S. J. Westfold. Scheduling an asynchronously shared resource. *Lecture Notes in Computer Science*, 1118:563–564, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Urbina:1996:GRC

[745] L. Urbina. The generalized railroad crossing: Its symbolic analysis in CLP(R). *Lecture Notes in Computer Science*, 1118:565–567, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wong:1996:SAS

[746] J. H. Y. Wong, K.-F. Ng, and H.-F. Leung. A stochastic approach to solving fuzzy constraint satisfaction problems. *Lecture Notes in Computer Science*, 1118:568–569, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nemhauser:1996:BPS

[747] G. L. Nemhauser. Branch-and-price for solving integer programs with a huge number of variables: Methods and applications. *Lecture Notes in Computer Science*, 1118:570, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldin:1996:CD

[748] D. Q. Goldin. Constraint databases. *Lecture Notes in Computer Science*, 1118:571, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mairson:1996:CTA

[749] H. G. Mairson. Complexity-theoretic aspects of programming language design. *Lecture Notes in Computer Science*, 1118:572, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:EBC

[750] B.-L. Chen, M.-T. Ko, and K.-W. Lih. Equitable and m-bounded coloring of split graphs. *Lecture Notes in Computer Science*, 1120:1–5, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rolland:1996:FCS

[751] P. Rolland. Four coloring for a subset of maximal planar graphs with minimum degree five. *Lecture Notes in Computer Science*, 1120:6–17, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsui:1996:EAE

[752] Y. Matsui and T. Matsui. Enumeration algorithm for the edge coloring problem on bipartite graphs. *Lecture Notes in Computer Science*, 1120:18–26, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsu:1996:LRI

[753] W.-L. Hsu. On-line recognition of interval graphs in $O(m + n \log n)$ time. *Lecture Notes in Computer Science*, 1120: 27–38, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:CPI

[754] C. Chen and C.-C. Chang. Connected proper interval graphs and the guard problem in spiral polygons. *Lecture Notes in Computer Science*, 1120:39–47, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yeh:1996:WCD

[755] H.-G. Yeh and G. J. Chang. Weighted connected domination and Steiner trees in distance-hereditary graphs. *Lecture Notes in Computer Science*, 1120:48–52, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bezrukov:1996:CST

[756] S. Bezrukov, F. Kaderali, and W. Poguntke. On central spanning trees of a graph. *Lecture Notes in Computer Science*, 1120:53–57, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1996:CBD

[757] C. Lin, J.-J. Lin, and T.-W. Shyu. Complete bipartite decompositions of crowns, with applications to complete directed graphs. *Lecture Notes in Computer Science*, 1120:58–66, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bampis:1996:FAH

[758] E. Bampis, P. Hell, Y. Manoussakis, and M. Rosenfeld. Finding an an-

tidirected Hamiltonian path starting with a forward arc from a given vertex of a tournament. *Lecture Notes in Computer Science*, 1120:67–73, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deza:1996:CLG

[759] M. Deza and T. Huang. Complementary l1-Graphs and related combinatorial structures. *Lecture Notes in Computer Science*, 1120:74–90, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fukuda:1996:DDM

[760] K. Fukuda and A. Prodon. Double description method revisited. *Lecture Notes in Computer Science*, 1120:91–111, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deza:1996:SDV

[761] A. Deza, M. Deza, and K. Fukuda. On skeletons, diameters and volumes of metric polyhedra. *Lecture Notes in Computer Science*, 1120:112–128, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caseau:1996:IBB

[762] Y. Caseau and F. Laburthe. Improving branch and bound for job-shop scheduling with constraint propagation. *Lecture Notes in Computer Science*, 1120:129–149, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klinz:1996:NES

[763] B. Klinz and G. J. Woeginger. A new efficiently solvable special case of the three-dimensional axial bottleneck assignment problem. *Lecture Notes in Computer Science*, 1120:150–162, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jaam:1996:RNS

[764] J. Jaam. Ramsey numbers by stochastic algorithms with new heuristics. *Lecture Notes in Computer Science*, 1120:163–181, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chedid:1996:HNN

[765] F. B. Chedid. On the hybrid neural network model for solving optimization problems. *Lecture Notes in Computer Science*, 1120:182–193, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Demange:1996:CNC

[766] M. Demange and V. Paschos. Constructive — non-constructive approximation and maximum independent set problem. *Lecture Notes in Computer Science*, 1120:194–207, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takabatake:1996:WGA

[767] T. Takabatake. Weakly greedy algorithm and pair-delta-matroids. *Lecture Notes in Computer Science*, 1120:208–217, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marcus:1996:IMM

[768] K. Marcus and A. Sebo. On integer multiflows and metric packings in matroids. *Lecture Notes in Computer*

Science, 1120:218–233, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1996:OAB

[769] T. C. Hu and J. D. Morgenthaler. Optimum alphabetic binary trees. *Lecture Notes in Computer Science*, 1120:234–243, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sole:1996:BCD

[770] P. Sole and J.-P. Tillich. Block codes for dyadic phase shift keying. *Lecture Notes in Computer Science*, 1120:244–262, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Patrou:1996:ZCF

[771] B. Patrou. Zigzag codes and Z-free hulls. *Lecture Notes in Computer Science*, 1120:263–274, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouchitte:1996:CO

[772] V. Bouchitte, A. Hilali, R. Jegou, and J.-X. Rampon. Contiguity orders. *Lecture Notes in Computer Science*, 1120:275–287, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bekesi:1996:WCA

[773] J. Bekesi, G. Galambos, U. Pferschy, and G. J. Woeginger. Worst-case analysis for on-line data compression. *Lecture Notes in Computer Science*, 1120:288–300, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bermond:1996:GCG

[774] J.-C. Bermond, T. Kodate, and S. Perennes. Gossiping in Cayley graphs by packets. *Lecture Notes in Computer Science*, 1120:301–315, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andreae:1996:EDT

[775] T. Andreae, M. Noelle, C. Rempel, and G. Schreiber. On embedding 2-dimensional toroidal grids into de Brujn graphs with clocked congestion one. *Lecture Notes in Computer Science*, 1120:316–327, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mossouni:1996:CSM

[776] F. Mossouni and C. Lavault. N-cube string matching algorithm with long texts. *Lecture Notes in Computer Science*, 1120:328–340, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lennerstad:1996:CMS

[777] H. Lennerstad and L. Lundberg. Combinatorics for multiprocessor scheduling optimization and other contexts in computer architecture. *Lecture Notes in Computer Science*, 1120:341–347, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Euler:1996:SAC

[778] R. Euler and L. Lemarchand. Some applications of combinatorial optimization in parallel computing. *Lecture Notes in Computer Science*, 1120:348–366, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bampis:1996:PCA

[779] E. Bampis, Y. Manoussakis, and I. Milis. On the parallel complexity of the alternating Hamiltonian cycle problem. *Lecture Notes in Computer Science*, 1120:367–377, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petreschi:1996:TGS

[780] R. Petreschi and A. Sterbini. Threshold graphs and synchronization protocols. *Lecture Notes in Computer Science*, 1120:378–395, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Milis:1996:TAD

[781] I. Milis. Task assignment in distributed systems using network flow methods. *Lecture Notes in Computer Science*, 1120:396–405, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nace:1996:DRD

[782] D. Nace and J. Carlier. Distributed rerouting in DCS mesh networks. *Lecture Notes in Computer Science*, 1120: 406–415, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanfeliu:1996:ERC

[783] A. Sanfeliu and R. Alquezar. Efficient recognition of a class of context-sensitive languages described by augmented regular expressions. *Lecture Notes in Computer Science*, 1121:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oommen:1996:OIT

[784] B. J. Oommen and R. L. Kashyap. Optimal and information theoretic syntactic pattern recognition for traditional errors. *Lecture Notes in Computer Science*, 1121:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Castro:1996:MGG

[785] M. J. Castro and F. Casacuberta. The morphic generator grammatical inference methodology and multilayer perceptrons: a hybrid approach to acoustic modeling. *Lecture Notes in Computer Science*, 1121:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amengual:1996:TDA

[786] J. C. Amengual and E. Vidal. Two different approaches for cost-efficient Viterbi parsing with error correction. *Lecture Notes in Computer Science*, 1121:30–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernau:1996:BPA

[787] H. Fernau and R. Freund. Bounded parallelism in array grammars used for character recognition. *Lecture Notes in Computer Science*, 1121:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanchez:1996:CBI

[788] J.-A. Sanchez, J.-M. Benedi, and F. Casacuberta. Comparison between the inside-outside algorithm and the Viterbi algorithm for stochastic context-free grammars. *Lecture*

Notes in Computer Science, 1121:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agam:1996:GMO

[789] G. Agam and I. Dinstein. Generalized morphological operators applied to map-analysis. *Lecture Notes in Computer Science*, 1121:60–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cong:1996:DSS

[790] G. Cong and S. D. Ma. Derivatives in scale space. *Lecture Notes in Computer Science*, 1121:70–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jonker:1996:SI

[791] P. P. Jonker and O. Vermeij. On skeletonization in 4D images. *Lecture Notes in Computer Science*, 1121:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sperduti:1996:ECC

[792] A. Sperduti, D. Majidi, and A. Starita. Extended cascade-correlation for syntactic and structural pattern recognition. *Lecture Notes in Computer Science*, 1121:90–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Imiya:1996:MPS

[793] A. Imiya, Y. Fujiwara, and T. Kawashima. A metric of planar self-similar forms. *Lecture Notes in Computer Science*, 1121:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jiang:1996:IGG

[794] X. Y. Jiang and H. Bunke. Including geometry in graph representations: a quadratic-time graph isomorphism algorithm and its applications. *Lecture Notes in Computer Science*, 1121:110–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilson:1996:HDR

[795] R. Wilson and E. R. Hancock. Hierarchical discrete relaxation. *Lecture Notes in Computer Science*, 1121:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Costa:1996:RI

[796] M. S. Costa and L. G. Shapiro. Relational indexing. *Lecture Notes in Computer Science*, 1121:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quint:1996:EMF

[797] F. Quint and M. Sties. An evidential merit function to guide search in a semantic network based image analysis system. *Lecture Notes in Computer Science*, 1121:140–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cross:1996:IGM

[798] A. D. J. Cross and E. R. Hancock. Inexact graph matching with genetic search. *Lecture Notes in Computer Science*, 1121:150–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanfeliu:1996:ARB

[799] A. Sanfeliu and M. Sainz. Automatic recognition of bidimensional models learned by grammatical inference in outdoors scenes. *Lecture Notes in Computer Science*, 1121:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:SDM

[800] J. W. Wang, C. H. Chen, and J. C. Luo. Signal decomposition by multiscale learning algorithms. *Lecture Notes in Computer Science*, 1121:170–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakagawa:1996:SLC

[801] M. Nakagawa and L. V. Tu. Structural learning of character patterns for on-line recognition of hand-written Japanese characters. *Lecture Notes in Computer Science*, 1121:180–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amin:1996:RHPa

[802] A. Amin, A. Rajithan, and P. Compton. Recognition of hand-printed characters using induct machine learning. *Lecture Notes in Computer Science*, 1121:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bollmann:1996:OCP

[803] M. Bollmann and B. Mertsching. Opponent color processing based on neural models. *Lecture Notes in Computer Science*, 1121:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perner:1996:KAS

[804] P. Perner, T. B. Belikova, and N. I. Yashunskaya. Knowledge acquisition by symbolic decision tree induction for interpretation of digital images in radiology. *Lecture Notes in Computer Science*, 1121:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanGool:1996:IFS

[805] L. Van Gool. Invariants and fixed structures lead the way to change. *Lecture Notes in Computer Science*, 1121:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SannitidiBaja:1996:RSL

[806] G. Sanniti di Baja. Representing shape by line patterns. *Lecture Notes in Computer Science*, 1121:230–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:ROI

[807] B. Liu and P. Wang. Recognition of 3D objects from 2D images — some issues. *Lecture Notes in Computer Science*, 1121:240–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borgefors:1996:SSV

[808] G. Borgefors, I. Nystroem, and G. Sanniti di Baja. Surface skeletonization of volume objects. *Lecture Notes in Computer Science*, 1121:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsello:1996:PSA

[809] V. Matsello and M. Schlesinger. Peculiarities of structural analysis of image contours under various orders of scanning. *Lecture Notes in Computer Science*, 1121:260–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nishida:1996:SAC

[810] H. Nishida. A structural analysis of curve deformation by discontinuous transformations. *Lecture Notes in Computer Science*, 1121:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Milanova:1996:TDC

[811] M. Milanova, L. Nikolov, and S. Fotev. Three dimensional computer vision for computer aided design and manufacturing applications. *Lecture Notes in Computer Science*, 1121:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Johannesen:1996:UWM

[812] F. R. Johannesen, S. Raaschou, O. V. Larsen, and P. Juergensen. Using weighted minutiae for fingerprint identification. *Lecture Notes in Computer Science*, 1121:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sossa:1996:RDR

[813] J. H. A. Sossa and J. L. S. Diaz de Leon. Recognizing 2-D rigid and non-rigid wire-shapes. *Lecture Notes in Computer Science*, 1121:300–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tombre:1996:SSM

[814] K. Tombre. Structural and syntactic methods in line drawing analysis: To which extent do they work? *Lecture Notes in Computer Science*, 1121:310–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dori:1996:VBS

[815] D. Dori and L. Wenyin. Vector-based segmentation of text connected to graphics in engineering drawings. *Lecture Notes in Computer Science*, 1121:322–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weiss:1996:ARO

[816] M. Weiss and D. Dori. Automatic resolution of object features from engineering drawings for 3D reconstruction. *Lecture Notes in Computer Science*, 1121:332–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinto:1996:FAC

[817] I. Pinto and H. Freeman. The feedback approach to cartographic areal text placement. *Lecture Notes in Computer Science*, 1121:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:HRR

[818] J.-W. Chen and S.-Y. Lee. A hierarchical representation for the reference database of on-line Chinese character recognition. *Lecture Notes in Computer Science*, 1121:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rocha:1996:SSA

[819] J. Rocha and H. Fujisawa. Substructure shape analysis for Kanji character recognition. *Lecture Notes in Computer Science*, 1121:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amin:1996:RHPb

[820] A. Amin, M. Bamford, A. Hoffmann, and A. Mahidadia. Recognition of hand-printed Chinese characters using ripple down rules. *Lecture Notes in Computer Science*, 1121:371–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malaviya:1996:FSM

[821] A. Malaviya and R. Klette. A fuzzy syntactic method for on-line handwriting recognition. *Lecture Notes in Computer Science*, 1121:381–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Adleman:1996:CRP

[822] L. M. Adleman and M.-D. Huang. Counting rational points on curves and Abelian varieties over finite fields. *Lecture Notes in Computer Science*, 1122: 1–16, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belabas:1996:CCF

[823] K. Belabas. Computing cubic fields in quasi-linear time. *Lecture Notes in Computer Science*, 1122:17–26, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernstein:1996:FIA

[824] D. J. Bernstein. Fast ideal arithmetic via lazy localization. *Lecture Notes in Computer Science*, 1122:27–34, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brent:1996:CSA

[825] R. P. Brent, A. J. Van der Poorten, and H. J. Te Riele. A comparative study of algorithms for computing continued fractions of algebraic numbers. *Lecture Notes in Computer Science*, 1122:35–48, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohen:1996:CRC

[826] H. Cohen, F. Diaz y. Diaz, and M. Olivier. Computing ray class groups, conductors and discriminants. *Lecture Notes in Computer Science*, 1122:49–48, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Couveignes:1996:CIU

[827] J.-M. Couveignes. Computing ℓ-isogenies using the p-torsion. *Lecture Notes in Computer Science*, 1122:59–66, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daberkow:1996:CHC

[828] M. Daberkow and M. E. Pohst. On computing Hilbert class fields of prime degree. *Lecture Notes in Computer Science*, 1122:67–74, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denny:1996:RCR

[829] T. F. Denny and V. Mueller. On the reduction of composed relations from the number field sieve. *Lecture Notes in Computer Science*, 1122:75–90, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dummit:1996:CAS

[830] D. S. Dummit and D. R. Hayes. Checking the p-adic stark conjecture where p is Archimedean. *Lecture Notes in Computer Science*, 1122:91–98, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elkenbracht-Huizing:1996:MPG

[831] M. Elkenbracht-Huizing. A multiple polynomial general number field sieve. *Lecture Notes in Computer Science*, 1122:99–114, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fermigier:1996:CHR

[832] S. Fermigier. Construction of high-rank elliptic curves over Q and $Q(t)$ with non-trivial 2-Torsion. *Lecture Notes in Computer Science*, 1122:115–120, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fhlathuin:1996:HAV

[833] B. Fhlathuin. The height on an Abelian variety. *Lecture Notes in Computer Science*, 1122:121–132, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fieker:1996:LNF

[834] C. Fieker and M. E. Pohst. O lattices over number fields. *Lecture Notes in Computer Science*, 1122:133–140, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ford:1996:MDP

[835] D. Ford. Minimum discriminants of primitive sextic fields. *Lecture Notes in Computer Science*, 1122:141–144, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ford:1996:NAR

[836] D. Ford and G. Havas. A new algorithm and refined bounds for extended GCD computation. *Lecture Notes in Computer Science*, 1122:145–150, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaal:1996:ATE

[837] I. Gaal. Application of Thue equations to computing power integral bases in algebraic number fields. *Lecture Notes in Computer Science*, 1122:151–156, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gebel:1996:CIP

[838] J. Gebel, A. Pethoe, and H. G. Zimmer. Computing S-integral points on elliptic curves. *Lecture Notes in Computer Science*, 1122:157–172, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giesbrecht:1996:PCS

[839] M. Giesbrecht. Probabilistic computation of the Smith Normal Form of a sparse integer matrix. *Lecture Notes in Computer Science*, 1122:173–186, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lauter:1996:RCF

[840] K. Lauter. Ray class field constructions of curves over finite fields with many rational points. *Lecture Notes in Computer Science*, 1122:187–196, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lercier:1996:CIF

[841] R. Lercier. Computing isogenies in F2n. *Lecture Notes in Computer Science*, 1122:197–212, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Louboutin:1996:CTD

[842] S. Louboutin. A computational technique for determining relative class numbers of CM-Fields. *Lecture Notes in Computer Science*, 1122:213–216, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McKee:1996:OND

[843] J. McKee and R. Pinch. Old and new deterministic factoring algorithms. *Lecture Notes in Computer Science*, 1122:217–224, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meyer:1996:EAC

[844] S. M. Meyer and J. P. Sorenson. Efficient algorithms for computing the Jacobi symbol. *Lecture Notes in Computer Science*, 1122:225–240, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niklasch:1996:NFD

[845] G. Niklasch. The number field database on the World Wide Web server. *Lecture Notes in Computer Science*, 1122:241–242, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paulus:1996:AST

[846] S. Paulus. An algorithm of subexponential type computing the class group of quadratic orders over principal ideal domains. *Lecture Notes in Computer Science*, 1122:243–258, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pohst:1996:CAK

[847] M. E. Pohst. Computational aspects of Kummer theory. *Lecture Notes in Computer Science*, 1122:259–272, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pohst:1996:IBR

[848] M. E. Pohst and M. Schoernig. On integral basis reduction in global function fields. *Lecture Notes in Computer Science*, 1122:273–282, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poonen:1996:CAC

[849] B. Poonen. Computational aspects of curves of genus at least 2. *Lecture Notes in Computer Science*, 1122:283–306, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roessner:1996:CAO

[850] C. Roessner and J.-P. Seifert. The complexity of approximate optima for greatest common divisor computations. *Lecture Notes in Computer Science*, 1122:307–322, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scheidler:1996:CRR

[851] R. Scheidler. Compact representation in real quadratic congruence function fields. *Lecture Notes in Computer Science*, 1122:323–336, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schirokauer:1996:DLE

[852] O. Schirokauer, D. Weber, and T. Denny. Discrete logarithms: The effectiveness of the index calculus method. *Lecture Notes in Computer Science*, 1122:337–362, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smart:1996:HDI

[853] N. Smart. How difficult is it to solve a Thue equation? *Lecture Notes in Computer Science*, 1122:363–374, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stein:1996:ECF

[854] A. Stein. Elliptic congruence function fields. *Lecture Notes in Computer Science*, 1122:375–384, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsfasman:1996:AGL

[855] M. Tsfasman. Algebraic geometry lattices and codes. *Lecture Notes in Computer Science*, 1122:385–390, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weber:1996:CDL

[856] D. Weber. Computing discrete logarithms with the general number field sieve. *Lecture Notes in Computer Science*, 1122:391–403, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Foster:1996:HPD

[857] I. Foster. High-performance distributed computing: The I-WAY experiment and beyond. *Lecture Notes in Computer Science*, 1123:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerdoux-Jamet:1996:DIP

[858] P. Guerdoux-Jamet, D. Lavenier, C. Wagner, and P. Quinton. Design and implementation of a parallel architecture for biological sequence comparison. *Lecture Notes in Computer Science*, 1123:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McColl:1996:UC

[859] W. F. McColl. Universal computing. *Lecture Notes in Computer Science*, 1123:25–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rahm:1996:DLB

[860] E. Rahm. Dynamic load balancing in parallel database systems. *Lecture Notes in Computer Science*, 1123:37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hackstadt:1996:DAQ

[861] S. T. Hackstadt and A. D. Malony. Distributed array query and visualization for High Performance Fortran. *Lecture Notes in Computer Science*, 1123:55–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clemencon:1996:ASR

[862] C. Clemencon, A. Endo, J. Fritscher, and A. Mueller. Annai scalable runtime support for interactive debugging and performance analysis of large-scale parallel programs. *Lecture Notes in Computer Science*, 1123:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ronsse:1996:IRM

[863] M. A. Ronsse and L. J. Levrouw. On the implementation of a replay mechanism. *Lecture Notes in Computer Science*, 1123:70–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brunie:1996:CFD

[864] L. Brunie and O. Reymann. Concepts and functionalities of the DOSMOS-Trace monitoring tool. *Lecture Notes in Computer Science*, 1123:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ludwig:1996:OMS

[865] T. Ludwig, M. Oberhuber, and R. Wismueller. An open monitoring system for parallel and distributed programs. *Lecture Notes in Computer Science*, 1123:78–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Friedman:1996:MEP

[866] R. Friedman, M. Goldin, A. Itzkovitz, and A. Schuster. Millipede: Easy parallel programming in available distributed environments. *Lecture Notes in Computer Science*, 1123:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hollingsworth:1996:ACS

[867] J. K. Hollingsworth and B. P. Miller. An adaptive cost system for parallel program instrumentation. *Lecture Notes in Computer Science*, 1123:88–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Badouel:1996:SPT

[868] D. Badouel, T. Priol, and L. Renambot. SVMview: a performance tuning tool for DSM-Based parallel computers. *Lecture Notes in Computer Science*, 1123:98–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Talbot:1996:CMI

[869] S. A. M. Talbot, A. J. Bennett, and P. H. J. Kelly. Cautious, machine-independent performance tuning for shared-memory multiprocessors. *Lecture Notes in Computer Science*, 1123: 106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cabillic:1996:DHS

[870] G. Cabillic and I. Puaut. Dealing with heterogeneity in Stardust: An environment for parallel programming

on networks of heterogeneous workstations. *Lecture Notes in Computer Science*, 1123:114–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolf:1996:IED

[871] K. Wolf and O. Kraemer-Fuhrmann. An integrated environment to design parallel object-oriented applications. *Lecture Notes in Computer Science*, 1123:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geist:1996:MEM

[872] A. Geist, W. Gropp, S. Huss-Lederman, and A. Lumsdaine. MPI-2: Extending the message-passing interface. *Lecture Notes in Computer Science*, 1123:128–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Attali:1996:OSP

[873] I. Attali, D. Caromel, R. Guider, and A. L. Wendelborn. Optimizing Sisal programs: a formal approach. *Lecture Notes in Computer Science*, 1123:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nyland:1996:RMD

[874] L. Nyland, J. Prins, A. Goldberg, and P. Mills. A refinement methodology for developing data-parallel applications. *Lecture Notes in Computer Science*, 1123:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crivelli:1996:TPW

[875] S. A. Crivelli and E. R. Jessup. Task parallelism: What a tool can provide and what should be left to the user. *Lecture Notes in Computer Science*, 1123:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prylli:1996:EBC

[876] L. Prylli and B. Tourancheau. Efficient block cyclic data redistribution. *Lecture Notes in Computer Science*, 1123:155–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Desprez:1996:OGS

[877] F. Desprez, P. Ramet, and J. Roman. Optimal grain size computation for pipelined algorithms. *Lecture Notes in Computer Science*, 1123:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sueur:1996:DRH

[878] D. Sueur and J.-L. Dekeyser. Dynamic redistribution on heterogeneous parallel computers. *Lecture Notes in Computer Science*, 1123:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Addison:1996:SDS

[879] C. Addison, T. Oliver, and A. Sunderland. Supporting distributed sparse matrix objects. *Lecture Notes in Computer Science*, 1123:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Welsh:1996:LLC

[880] M. Welsh, A. Basu, and T. Von Eicken. Low-latency communication over Fast Ethernet. *Lecture Notes in Computer Science*, 1123:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fulgham:1996:CIO

[881] M. L. Fulgham and L. Snyder. A comparison of input and output driven routers. *Lecture Notes in Computer Science*, 1123:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duato:1996:OTD

[882] J. Duato and M. P. Malumbres. Optimal topology for distributed shared memory multiprocessors: Hypercubes again? *Lecture Notes in Computer Science*, 1123:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rice:1996:PAR

[883] D. G. Rice, J. G. Delgado-Frias, and D. H. Summerville. A pattern-associative router for interconnection network adaptive algorithms. *Lecture Notes in Computer Science*, 1123:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bourdin:1996:SGO

[884] H. Bourdin, A. Ferreira, and K. Marcus. On stack-graph OPS-Based lightwave networks. *Lecture Notes in Computer Science*, 1123:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heun:1996:GME

[885] V. Heun and E. W. Mayr. A general method for efficient embeddings of graphs into optimal hypercubes. *Lecture Notes in Computer Science*, 1123: 222–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dai:1996:SCS

[886] H. K. Dai. The size complexity of strictly non-blocking fixed ratio concentrators with constant depth. *Lecture Notes in Computer Science*, 1123: 234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barth:1996:BCM

[887] D. Barth. Bandwidth and cutwidth of the mesh of d-ary trees. *Lecture Notes in Computer Science*, 1123:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeAzevedo:1996:VDE

[888] M. M. De Azevedo, N. Bagherzadeh, and S. Latifi. Variable-dilation embeddings of hypercubes into star graphs: Performance metrics, mapping functions, and routing. *Lecture Notes in Computer Science*, 1123:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeCerio:1996:OCC

[889] L. D. De Cerio, M. Valero-Garcia, and A. Gonzalez. Overlapping communication and computation in hypercubes. *Lecture Notes in Computer Science*, 1123:253–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiIanni:1996:EDR

[890] M. Di Ianni. Efficient delay routing. *Lecture Notes in Computer Science*, 1123:258–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaklamanis:1996:MHP

[891] C. Kaklamanis and D. Krizanc. Multipacket hot-potato routing on processor arrays. *Lecture Notes in Computer Science*, 1123:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:NSC

[892] M.-K. Kim, H. Yoon, and S.-R. Maeng. A necessary and sufficient condition for proper routing in Omega-Omega network. *Lecture Notes in Computer Science*, 1123:278–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delorme:1996:RRP

[893] C. Delorme and P. Panaite. Rubik routing permutations on graphs. *Lecture Notes in Computer Science*, 1123:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balakrishnan:1996:EFC

[894] S. Balakrishnan and F. Oezguener. The effect of flow control and routing adaptivity on priority-driven traffic in multiprocessor networks. *Lecture Notes in Computer Science*, 1123:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MeyeraufderHeide:1996:RNO

[895] F. Meyer auf der Heide, K. Schroeder, and F. Schwarze. Routing on networks of optical crossbars. *Lecture Notes in Computer Science*, 1123:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petrini:1996:LBR

[896] F. Petrini and M. Vanneschi. Latency and bandwidth requirements of massively parallel programs: FFT as a case study. *Lecture Notes in Computer Science*, 1123:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bermond:1996:IBA

[897] J.-C. Bermond, X. Muñoz, and A. Marchetti-Spaccamela. Induced broadcasting algorithms in iterated line digraphs. *Lecture Notes in Computer Science*, 1123:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perennes:1996:LBB

[898] S. Perennes. Lower bounds on broadcasting time of de Bruijn networks. *Lecture Notes in Computer Science*, 1123: 325–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laforest:1996:GTU

[899] C. Laforest. Gossip in trees under line-communication mode. *Lecture Notes in Computer Science*, 1123:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dimakopoulos:1996:TEC

[900] V. V. Dimakopoulos and N. J. Dimopoulos. Total exchange in Cayley networks. *Lecture Notes in Computer Science*, 1123:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dimakopoulos:1996:LCC

[901] V. V. Dimakopoulos and N. J. Dimopoulos. Leaf communications in complete trees. *Lecture Notes in Computer Science*, 1123:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fujita:1996:GAB

[902] S. Fujita, C. Laforest, and S. Perennes. A gossip algorithm for bus networks with buses of limited length. *Lecture Notes in Computer Science*, 1123:353–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juurlink:1996:WHG

[903] B. H. H. Juurlink, P. S. Rao, and J. F. Sibeyn. Worm-hole gossiping on meshes. *Lecture Notes in Computer Science*, 1123:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delmas:1996:CSG

[904] O. Delmas and S. Perennes. Circuit-switched gossiping in 3-dimensional torus networks. *Lecture Notes in Computer Science*, 1123:370–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lengauer:1996:APH

[905] C. Lengauer. Automatic parallelization and high performance compilers. *Lecture Notes in Computer Science*, 1123:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Darte:1996:OAK

[906] A. Darte and F. Vivien. On the optimality of Allen and Kennedy's algorithm for parallelism extraction in nested loops. *Lecture Notes in Computer Science*, 1123:379–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilde:1996:MRA

[907] D. Wilde and S. Rajopadhye. Memory reuse analysis in the polyhedral model. *Lecture Notes in Computer Science*, 1123:389–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Okuda:1996:CSD

[908] K. Okuda. Cycle shrinking by dependence reduction. *Lecture Notes in Computer Science*, 1123:398–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jimenez:1996:UTT

[909] M. Jimenez, J. M. Llaberia, A. Fernandez, and E. Morancho. A unified transformation technique for multilevel blocking. *Lecture Notes in Computer Science*, 1123:402–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collard:1996:ADA

[910] J.-F. Collard and M. Griebl. Array dataflow analysis for explicitly parallel programs. *Lecture Notes in Computer Science*, 1123:406–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rinard:1996:SFC

[911] M. C. Rinard and P. C. Diniz. Semantic foundations of commutativity analysis. *Lecture Notes in Computer Science*, 1123:414–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthou:1996:AFA

[912] D. Barthou, J.-F. Collard, and P. Feautrier. Applications of fuzzy array dataflow analysis. *Lecture Notes in Computer Science*, 1123:424–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eberhart:1996:SCI

[913] A. Eberhart and J. Li. Simplifying communication induced by operations on block-distributed arrays. *Lecture Notes in Computer Science*, 1123:428–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

OBoyle:1996:CRI

[914] M. F. P. O'Boyle, R. W. Ford, and A. P. Nisbet. Compiler reduction of invalidation traffic in virtual shared memory systems. *Lecture Notes in Computer Science*, 1123:432–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knoop:1996:PDC

[915] J. Knoop. Partial dead code elimination for parallel programs. *Lecture Notes in Computer Science*, 1123:441–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diderich:1996:SCD

[916] C. G. Diderich and M. Gengler. Solving the constant-degree parallelism alignment problem. *Lecture Notes in Computer Science*, 1123:451–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Besch:1996:TDM

[917] M. Besch and H. W. Pohl. Topographic data mapping by balanced hypersphere tesselation. *Lecture Notes in Computer Science*, 1123:455–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brandes:1996:IPC

[918] T. Brandes and F. Desprez. Implementing pipelined computation and communication in an HPF compiler. *Lecture Notes in Computer Science*, 1123:459–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barreteau:1996:EMI

[919] M. Barreteau and P. Feautrier. Efficient mapping of interdependent scans. *Lecture Notes in Computer Science*, 1123:463–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Griebl:1996:CLS

[920] M. Griebl and C. Langauer. Classifying loops for space-time mapping. *Lecture Notes in Computer Science*, 1123: 467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cortes:1996:PCF

[921] T. Cortes, S. Girona, and J. Labarta. PACA: a cooperative file system cache for parallel machines. *Lecture Notes in Computer Science*, 1123:477–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:SFT

[922] J. A. Smith and S. K. Shrivastava. A system for fault-tolerant execution of data and compute intensive programs over a network of workstations. *Lecture Notes in Computer Science*, 1123:487–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kshemkalyani:1996:FVA

[923] A. D. Kshemkalyani. A framework for viewing atomic events in distributed computations. *Lecture Notes in Computer Science*, 1123:496–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yoon:1996:WBP

[924] D.-K. Yoon and J.-L Gaudiot. Worker-based parallel computing on PVM. *Lecture Notes in Computer Science*, 1123: 506–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rowstron:1996:EDT

[925] A. Rowstron and A. Wood. An efficient distributed tuple space implementation for networks of workstations. *Lecture Notes in Computer Science*, 1123:510–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1996:HAP

[926] J.-W. Lin and S.-Y. Kuo. A highly available partition-processing protocol for distributed shared memory systems. *Lecture Notes in Computer Science*, 1123:514–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carretero:1996:DMP

[927] J. Carretero, F. Perez, P. De Miguel, and F. Garcia. I/O data mapping in ParFiSys: Support for high-performance I/O in parallel and distributed systems. *Lecture Notes in Computer Science*, 1123:522–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cholvi-Juan:1996:CPD

[928] V. Cholvi-Juan and J. M. Bernabeu-Auban. Correctness proof for a distributed memory system. *Lecture Notes in Computer Science*, 1123:526–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piquer:1996:DSM

[929] J. M. Piquer. Distributed shared memory based on group large causality. *Lecture Notes in Computer Science*, 1123:532–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bordawekar:1996:FIC

[930] R. Bordawekar, A. Choudhary, and J. Ramanujam. A framework for integrated communication and I/O placement. *Lecture Notes in Computer Science*, 1123:541–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1996:FDP

[931] Z. Hu, H. Iwasaki, and M. Takeichi. Formal derivation of parallel program for 2-dimensional maximum segment sum problem. *Lecture Notes in Computer Science*, 1123:553–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jegou:1996:MTE

[932] Y. Jegou. The migrating tasks: An execution model for irregular codes. *Lecture Notes in Computer Science*, 1123: 563–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coelho:1996:DHD

[933] F. Coelho. Discussing HPF design issues. *Lecture Notes in Computer Science*, 1123:571–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chin:1996:PCR

[934] W.-N. Chin, J. Darlington, and Y. Guo. Parallelizing conditional recurrences. *Lecture Notes in Computer Science*, 1123:579–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Konaka:1996:ADP

[935] H. Konaka, Y. Itoh, T. Tomokiyo, and M. Maeda. Adaptive data parallel computation in the parallel object-oriented language OCore. *Lecture Notes in Computer Science*, 1123:587–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rodriguez:1996:UIL

[936] N. Rodriguez, C. Ururahy, R. Ierusalimschy, and R. Cerqueira. The use of interpreted languages for implementing parallel algorithms on distributed systems. *Lecture Notes in Computer Science*, 1123:597–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Au:1996:COH

[937] P. Au, J. Darlington, M. Ghanem, and Y.-K Guo. Co-ordinating heterogeneous parallel computation. *Lecture Notes in Computer Science*, 1123:601–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moreau:1996:CDM

[938] L. Moreau. Correctness of a distributed-memory model for Scheme. *Lecture Notes in Computer Science*, 1123:615–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hosoya:1996:PES

[939] H. Hosoya, N. Kobayashi, and A. Yonezawa. Partial evaluation scheme for concurrent languages and its correctness. *Lecture Notes in Computer Science*, 1123:625–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pandey:1996:SIE

[940] R. Pandey and J. C. Browne. Support for implementation of evolutionary concurrent systems in concurrent programming languages. *Lecture Notes in Computer Science*, 1123:633–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kale:1996:SDC

[941] L. V. Kale and M. A. Bhandarkar. Structured Dagger: a coordination language for message-driven programming. *Lecture Notes in Computer Science*, 1123:646–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruell:1996:TLT

[942] A. Bruell and H. Kuchen. TPascal — A language for task parallel programming. *Lecture Notes in Computer Science*, 1123:654–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lilius:1996:OPO

[943] J. Lilius. OB(PN)2: An object based Petri net programming notation. *Lecture Notes in Computer Science*, 1123: 660–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arbab:1996:RCM

[944] F. Arbab, C. L. Blom, F. J. Burger, and C. T. H. Everaars. Reusable coordinator modules for massively concurrent applications. *Lecture Notes in Computer Science*, 1123:664–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michel:1996:IDD

[945] O. Michel. Introducing dynamicity in the data-parallel language 81/2. *Lecture Notes in Computer Science*, 1123: 678–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Douglas:1996:AGP

[946] A. Douglas, N. Roejemo, C. Runciman, and A. Wood. Astro-Gofer: Parallel functional programming with coordinating processes. *Lecture Notes in Computer Science*, 1123:686–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kefalas:1996:MPR

[947] P. Kefalas and I. Vlahavas. Multiple OR-Parallel resolution: Meta-level control of parallel logic programs. *Lecture Notes in Computer Science*, 1123:694–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knopp:1996:HLP

[948] J. Knopp. High level parallel programming based on automatic coordination. *Lecture Notes in Computer Science*, 1123:704–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Breitinger:1996:EPF

[949] S. Breitinger, R. Loogen, Y. Ortega-Mallen, and R. Peña-Mari. Eden — the paradise of functional concurrent programming. *Lecture Notes in Computer Science*, 1123:710–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michel:1996:STD

[950] O. Michel. A straightforward translation of DOL systems in the declarative data-parallel language 81/2. *Lecture Notes in Computer Science*, 1123: 714–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Botorog:1996:EPP

[951] G. H. Botorog and H. Kuchen. Efficient parallel programming with algorithmic skeletons. *Lecture Notes in Computer Science*, 1123:718–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

LeGuyadec:1996:LSE

[952] Y. Le Guyadec, E. Melin, B. Raffin, and X. Rebeuf. A loosely synchronized execution model for a simple data-parallel language. *Lecture Notes in Computer Science*, 1123:732–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shafarenko:1996:NAD

[953] A. Shafarenko. A nonannotative approach to distributed data-parallel computing. *Lecture Notes in Computer Science*, 1123:742–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Russo:1996:PNM

[954] S. Russo, C. Savy, I. Jelly, and P. Collingwood. Petri net modelling of PARSE designs. *Lecture Notes in Computer Science*, 1123:752–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puntigam:1996:SET

[955] F. Puntigam. Synchronization expressed in types of communication channels. *Lecture Notes in Computer Science*, 1123:762–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wray:1996:LDP

[956] J. P. Wray. Laws of data parallel assignment. *Lecture Notes in Computer Science*, 1123:770–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pena:1996:PPP

[957] R. Peña and L. A. Galán. Proving progress properties of non terminating programs under fairness assumptions. *Lecture Notes in Computer Science*, 1123:775–778, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferragina:1996:SPD

[958] P. Ferragina. A simple parallel dictionary matching algorithm. *Lecture Notes in Computer Science*, 1123:781–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Podehl:1996:SGI

[959] A. Podehl, T. Rauber, and G. Ruenger. Scalability and granularity issues of the hierarchical radiosity method. *Lecture Notes in Computer Science*, 1123:789–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sibeyn:1996:LRI

[960] J. F. Sibeyn. List ranking on interconnection networks. *Lecture Notes in Computer Science*, 1123:799–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Urland:1996:PAC

[961] E. Urland. Parallel algorithm for computing the fragment vector in Steiner triple systems. *Lecture Notes in Computer Science*, 1123:809–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nepomniaschaya:1996:RGA

[962] A. S. Nepomniaschaya. Representation of the Gabow algorithm for finding smallest spanning trees with a degree constraint on associative parallel processors. *Lecture Notes in Computer Science*, 1123:813–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shum:1996:RSR

[963] Kam Hong Shum and S.-Y. R. Li. Runtime support for replicated parallel simulators of an ATM network on workstation clusters. *Lecture Notes in Computer Science*, 1123:818–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rauber:1996:SMI

[964] T. Rauber, G. Ruenger, and C. Scholtes. Shared-memory implementation of an irregular particle simulation method. *Lecture Notes in Computer Science*, 1123:822–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boppana:1996:PAT

[965] V. Boppana, P. Saxena, P. Banerjee, and W. K. Fuchs. A parallel algorithm for the technology mapping of LUT-Based FPGAs. *Lecture Notes in Computer Science*, 1123:828–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moussouni:1996:DSM

[966] F. Moussouni and C. Lavault. Distributed string matching algorithm on the N-cube. *Lecture Notes in Computer Science*, 1123:832–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Desprez:1996:OSL

[967] F. Desprez, S. Domas, and B. Tourancheau. Optimization of the ScaLAPACK LU factorization routine using communication/computation overlap. *Lecture Notes in Computer Science*, 1124:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arbenz:1996:EPD

[968] P. Arbenz. On experiments with a parallel direct solver for diagonally dominant banded linear systems. *Lecture Notes in Computer Science*, 1124:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murphy:1996:CPE

[969] K. Murphy, M. Clint, M. Szularz, and J. Weston. The computation of partial eigensolutions on a distributed memory machine using a modified Lanczos method. *Lecture Notes in Computer Science*, 1124:22–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weston:1996:PCP

[970] J. Weston, M. Szularz, M. Clint, and K. Murphy. The parallel computation of partial eigensolutions of large matrices on a massively parallel processor. *Lecture Notes in Computer Science*, 1124:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dayde:1996:PSU

[971] M. J. Daydé, J.-Y. L'Excellent, and N. I. M. Gould. Preprocessing of sparse unassembled linear systems for efficient solution using element-by-element preconditioners. *Lecture Notes in Computer Science*, 1124:34–43, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:IPQ

[972] T. Y. Li and X. Zou. Implementing the parallel quasi-Laguerre's algorithm for symmetric tridiagonal eigenproblems. *Lecture Notes in Computer Science*, 1124:44–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rauber:1996:CTD

[973] T. Rauber and G. Ruenger. Comparing task and data parallel execution schemes for the DIIRK method. *Lecture Notes in Computer Science*, 1124: 52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huber:1996:NTS

[974] W. Huber. Numerical turbulence simulation on different parallel computers using the sparse grid combination method. *Lecture Notes in Computer Science*, 1124:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kessler:1996:PFM

[975] C. W. Kessler. Parallel Fourier-Motzkin elimination. *Lecture Notes in Computer Science*, 1124:66–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alexandrov:1996:CTM

[976] V. N. Alexandrov and S. Lakka. Comparison of three Monte Carlo methods for matrix inversion. *Lecture Notes in Computer Science*, 1124:72–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rahola:1996:PSV

[977] J. Rahola. Parallel solution of the volume integral equation of electromagnetic scattering. *Lecture Notes in Computer Science*, 1124:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Graeb:1996:OPM

[978] R. Graeb, M. Guenther, U. Wever, and Q. Zheng. Optimization of parallel multilevel-Newton algorithms on workstation clusters. *Lecture Notes in Computer Science*, 1124:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jezequel:1996:TSP

[979] F. Jezequel. A time and space parallel algorithm for the heat equation: The implicit collocation method. *Lecture Notes in Computer Science*, 1124: 97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davis:1996:PIV

[980] L. Davis, J.-M. Delosme, and F. Catthoor. Parallel image/video processing and computer arithmetic. *Lecture Notes in Computer Science*, 1124:103–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shock:1996:HPI

[981] C. T. Shock, C. Chang, L. Davis, and S. Goward. A high performance image database system for remotely sensed imagery. *Lecture Notes in Computer Science*, 1124:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chung:1996:APA

[982] Y. Chung and V. K. Prasanna. An asynchronous parallel algorithm for symbolic grouping operations in vision. *Lecture Notes in Computer Science*, 1124:123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guil:1996:PPH

[983] N. Guil and E. L. Zapata. A parallel pipelined Hough transform. *Lecture Notes in Computer Science*, 1124:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Appiani:1996:HPS

[984] E. Appiani, M. Corvi, G. Garibotto, and C. Coelho. High-performance SAR-Image formation and post-processing. *Lecture Notes in Computer Science*, 1124:139–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DellaVecchia:1996:PII

[985] G. Della Vecchia, R. Distasi, M. Nappi, and D. Vitulano. A parallel implementation of image coding using linear prediction and iterated functions systems. *Lecture Notes in Computer Science*, 1124:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Uhl:1996:PAU

[986] A. Uhl. Parallel algorithms for using non-stationary MRA in image compression. *Lecture Notes in Computer Science*, 1124:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antelo:1996:HRC

[987] E. Antelo, J. D. Bruguera, T. Lang, and J. Villalba. High radix CORDIC rotation based on selection by rounding. *Lecture Notes in Computer Science*, 1124:155–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MunkNielsen:1996:LAC

[988] A. Munk Nielsen and J.-M. Muller. Online algorithms for computing exponentials and logarithms. *Lecture Notes in Computer Science*, 1124:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielsen:1996:LAC

[989] A. Munk Nielsen and J.-M. Muller. On-line algorithms for computing exponentials and logarithms. *Lecture Notes in Computer Science*, 1124:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frougny:1996:PLA

[990] C. Frougny. Parallel and on-line addition in negative base and some complex number systems. *Lecture Notes in Computer Science*, 1124:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oberman:1996:VLP

[991] S. F. Oberman and M. J. Flynn. A variable latency pipelined floating-point adder. *Lecture Notes in Computer Science*, 1124:183–192, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anuta:1996:BLA

[992] M. A. Anuta, D. W. Lozier, N. Schabanel, and P. R. Turner. Basic linear algebra operations in SLI arithmetic. *Lecture Notes in Computer Science*, 1124:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ikenaga:1996:CHP

[993] T. Ikenaga and T. Ogura. CAM2: a highly-parallel 2-D cellular automata architecture for real-time and palm-top pixel-level image processing. *Lecture Notes in Computer Science*, 1124:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crookes:1996:SOC

[994] D. Crookes, T. J. Brown, Y. Dong, and G. McAleese. A self-optimising coprocessor model for portable parallel image processing. *Lecture Notes in Computer Science*, 1124:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Danckaert:1996:SLM

[995] K. Danckaert, F. Catthoor, and H. De Man. System-level memory management for weakly parallel image processing. *Lecture Notes in Computer Science*, 1124:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verhaegh:1996:MPS

[996] W. F. J. Verhaegh, P. E. R. Lippens, E. H. L. Aarts, and J. L. Van Meerbergen. Multidimensional periodic scheduling: Model and complexity. *Lecture Notes in Computer Science*, 1124:226–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeCoster:1996:GAC

[997] L. De Coster, M. Engels, R. Lauwereins, and J. A. Peperstraete. Global approach for compiled bit-true simulation of DSP systems. *Lecture Notes in Computer Science*, 1124:236–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Demian:1996:PIR

[998] V. Demian, F. Desprez, H. Paugam-Moisy, and M. Pourzandi. Parallel implementation of RBF neural networks. *Lecture Notes in Computer*

Science, 1124:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dongarra:1996:SRP

[999] J. J. Dongarra, T. Hey, and E. Strohmaier. Selected results from the ParkBench benchmark. *Lecture Notes in Computer Science*, 1124:251–254, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

BoierMartin:1996:ESP

[1000] I. M. Boier Martin and D. C. Marinescu. Exploiting symmetry in parallel computations for structural biology. *Lecture Notes in Computer Science*, 1124:255–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolf:1996:OOP

[1001] K. Wolf, A. Mano, S. Prata dos Santos, and J.-M. Letteron. An object-oriented and parallel simulation of a powerplant. *Lecture Notes in Computer Science*, 1124:259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Albers:1996:PSA

[1002] P. Albers and J. Bellone. A planning system for aircraft production with parallel constraint logic programming. *Lecture Notes in Computer Science*, 1124:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turton:1996:MOF

[1003] I. Turton and S. Openshaw. Modelling and optimising flows using parallel spatial interaction models. *Lecture Notes in Computer Science*, 1124:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gibbons:1996:QRQ

[1004] P. B. Gibbons, Y. Matias, and V. Ramachandran. The queue-read queue-write asynchronous PRAM model. *Lecture Notes in Computer Science*, 1124:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MacKenzie:1996:EPO

[1005] P. D. MacKenzie and V. Ramachandran. ERCW PRAMs and optical communication. *Lecture Notes in Computer Science*, 1124:293–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leppaenen:1996:GTP

[1006] V. Leppaenen. Goodness of time-processor optimal PRAM simulations. *Lecture Notes in Computer Science*, 1124:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kautonen:1996:SPC

[1007] A. Kautonen, V. Leppaenen, and M. Penttonen. Simulations of PRAM on complete optical networks. *Lecture Notes in Computer Science*, 1124:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nibhanupudi:1996:APB

[1008] M. V. Nibhanupudi and B. K. Szymanski. Adaptive parallelism in the bulk-synchronous parallel model. *Lecture*

Notes in Computer Science, 1124:311–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nash:1996:IIR

[1009] J. M. Nash, P. M. Dew, J. R. Davy, and M. E. Dyer. Implementation issues relating to the WPRAM model for scalable computing. *Lecture Notes in Computer Science*, 1124:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tiskin:1996:BSP

[1010] A. Tiskin. The bulk-synchronous parallel random access machine. *Lecture Notes in Computer Science*, 1124:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juurlink:1996:BMI

[1011] B. H. H. Juurlink and H. A. G. Wijshoff. The E-BSP model: Incorporating general locality and unbalanced communication into the BSP model. *Lecture Notes in Computer Science*, 1124:339–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gerbessiotis:1996:CED

[1012] A. V. Gerbessiotis and C. J. Siniolakis. Communication efficient data structures on the BSP model with applications in computational geometry. *Lecture Notes in Computer Science*, 1124:348–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeLaTorre:1996:SLB

[1013] P. De La Torre and C. P. Kruskal. Submachine locality in the bulk synchronous setting. *Lecture Notes in Computer Science*, 1124:352–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

He:1996:ALB

[1014] J. He, Q. Miller, and L. Chen. Algebraic laws for BSP programming. *Lecture Notes in Computer Science*, 1124:359–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeumker:1996:RPA

[1015] A. Baeumker, W. Dittrich, F. Meyer, and A. Der Heide. Realistic parallel algorithms: Priority queue operations and selection for the BSP0* model. *Lecture Notes in Computer Science*, 1124:369–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verley:1996:MPL

[1016] G. Verley and J.-P Asselin De Beauville. Multilayer perceptron learning control. *Lecture Notes in Computer Science*, 1124:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stoica:1996:EHM

[1017] I. Stoica, F. Sultan, and D. Keyes. Evaluating the hyperbolic model on a variety of architectures. *Lecture Notes in Computer Science*, 1124:387–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanGemund:1996:SMP

[1018] A. J. C. Van Gemund. SPC: a model of parallel computation. *Lecture Notes in Computer Science*, 1124:397–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gorlatch:1996:SEP

[1019] S. Gorlatch. Systematic efficient parallelization of scan and other list homomorphisms. *Lecture Notes in Computer Science*, 1124:401–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hains:1996:ASD

[1020] G. Hains and J. Mullins. Array structures and data-parallel algorithms. *Lecture Notes in Computer Science*, 1124: 409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rangaswami:1996:CTC

[1021] R. Rangaswami. Compile-time cost analysis for parallel programming. *Lecture Notes in Computer Science*, 1124: 417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Formella:1996:HHP

[1022] A. Formella, J. Keller, and T. Walle. HPP: a high performance PRAM. *Lecture Notes in Computer Science*, 1124: 425–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kong:1996:RIP

[1023] J. Kong and G. Lee. Relaxing the inclusion property in cache only memory architecture. *Lecture Notes in Computer Science*, 1124:435–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bennett:1996:UPR

[1024] A. J. Bennett, P. H. J. Kelly, J. G. Refstrup, and S. A. M. Talbot. Using proxies to reduce controller contention in large shared-memory multiprocessors. *Lecture Notes in Computer Science*, 1124:445–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Risau:1996:RAW

[1025] J. Risau, A. Mikschl, and W. Damm. A RISC approach to weak cache coherence. *Lecture Notes in Computer Science*, 1124:453–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Betzos:1996:OCA

[1026] G. A. Betzos and P. A. Mitkas. 3D optoelectronic computer architectures for the conjugate gradient and multigrid benchmark algorithms. *Lecture Notes in Computer Science*, 1124:457–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mikschl:1996:MMS

[1027] A. Mikschl and W. Datum. MSparc: a multithreaded Sparc. *Lecture Notes in Computer Science*, 1124:461–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Strey:1996:NCP

[1028] A. Strey and N. Avellana. A new concept for parallel neurocomputer architectures. *Lecture Notes in Computer Science*, 1124:470–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fey:1996:TDV

[1029] D. Fey. Transformation of a 2-D VLSI systolic adder circuit in 3-D circuits using optical interconnections. *Lecture Notes in Computer Science*, 1124:478–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tumuluri:1996:SSL

[1030] C. Tumuluri and A. N. Choudhary. Scalable software latency hiding schemes: Evaluation of the poststore and prefetch options. *Lecture Notes in Computer Science*, 1124:486–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cho:1996:RCO

[1031] S. Cho and G. Lee. Reducing coherence overhead in shared-bus multiprocessors. *Lecture Notes in Computer Science*, 1124:492–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

LeGouesliedArgence:1996:AOA

[1032] P. Le Gouslier d'Argence. An asymptotically optimal affine schedule on bounded convex polyhedric domains. *Lecture Notes in Computer Science*, 1124:501–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gasperoni:1996:LSP

[1033] F. Gasperoni and U. Schwiegelshohn. List scheduling in the presence of branches — A theoretical evaluation. *Lecture Notes in Computer Science*, 1124:515–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rapine:1996:IAC

[1034] C. Rapine and D. Trystram. Iterative approach for the clustering problem. *Lecture Notes in Computer Science*, 1124:527–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benaini:1996:CTT

[1035] A. Benaini and D. Laiymani. Compile-time task scheduling for multi-phase programming. *Lecture Notes in Computer Science*, 1124:535–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lahlou:1996:SUP

[1036] C. Lahlou. Scheduling with unit processing and communication times on a ring network: Approximation results. *Lecture Notes in Computer Science*, 1124:539–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mayr:1996:EPA

[1037] E. W. Mayr and H. Stadtherr. Efficient parallel algorithms for scheduling with tree precedence constraints. *Lecture Notes in Computer Science*, 1124:543–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Calinescu:1996:BSP

[1038] R. Calinescu. Bulk synchronous parallel scheduling of uniform dags. *Lec-*

ture Notes in Computer Science, 1124: 555–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:GMS

[1039] Z. Li and C. C. Kirkham. Generalized multiprocessor scheduling. *Lecture Notes in Computer Science*, 1124:563–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oh:1996:SSH

[1040] H. Oh and S. Ha. A static scheduling heuristic for heterogeneous processors. *Lecture Notes in Computer Science*, 1124:573–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giannakos:1996:CSP

[1041] A. Giannakos, J.-C. Koenig, and A. Munier. On the cyclic scheduling problem with small communication delays. *Lecture Notes in Computer Science*, 1124:578–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Naroska:1996:NSM

[1042] E. Naroska and U. Schwiegelshohn. A new scheduling method for parallel discrete-event simulation. *Lecture Notes in Computer Science*, 1124:582–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barcaccia:1996:MLS

[1043] P. Barcaccia, M. A. Bonuccelli, and M. Di Ianni. Minimum length scheduling of precedence constrained messages in distributed systems. *Lecture Notes in Computer Science*, 1124:594–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Loewe:1996:OPP

[1044] W. Loewe, J. Eisenbiegler, and W. Zimmermann. Optimization of parallel programs on machines with expensive communication. *Lecture Notes in Computer Science*, 1124:602–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:ESL

[1045] H.-L. Chen and C.-T. King. Eager scheduling with lazy retry for dynamic task scheduling. *Lecture Notes in Computer Science*, 1124:611–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schnor:1996:LML

[1046] B. Schnor, S. Petri, and H. Langendoerfer. Load management for load balancing on heterogeneous platforms: a comparison of traditional and neural network based approaches. *Lecture Notes in Computer Science*, 1124:615–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Konuru:1996:AAD

[1047] R. B. Konuru, J. E. Moreira, and V. K. Naik. Application-assisted dynamic scheduling on large-scale multicomputer systems. *Lecture Notes in Computer Science*, 1124:621–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Backschat:1996:EBD

[1048] M. Backschat, A. Pfaffinger, and C. Zenger. Economic-based dynamic load distribution in large workstation networks. *Lecture Notes in Computer Science*, 1124:631–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shen:1996:FSN

[1049] K. Shen and M. Hermenegildo. Flexible scheduling for non-deterministic, And-parallel execution of logic programs. *Lecture Notes in Computer Science*, 1124:635–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lanet:1996:LBT

[1050] J.-L. Lanet. A load balancing task allocation scheme in a hard real time system. *Lecture Notes in Computer Science*, 1124:640–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martorell:1996:LIN

[1051] X. Martorell, J. Labarta, N. Navarro, and E. Ayguade. A library implementation of the nano-threads programming model. *Lecture Notes in Computer Science*, 1124:644–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Colombet:1996:SEL

[1052] L. Colombet and L. Desbat. Speedup and efficiency of large size applications on heterogeneous networks. *Lecture Notes in Computer Science*, 1124:653–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Labarta:1996:DPP

[1053] J. Labarta, S. Girona, V. Pillet, and T. Cortes. DiP: a parallel program development environment. *Lecture Notes in Computer Science*, 1124:665–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simon:1996:APP

[1054] J. Simon and J.-M. Wierum. Accurate performance prediction for massively parallel systems and its applications. *Lecture Notes in Computer Science*, 1124:675–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cornu:1996:CCT

[1055] T. Cornu and M. Pahud. Contention in the Cray T3D communication network. *Lecture Notes in Computer Science*, 1124:689–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hill:1996:TPT

[1056] J. M. D. Hill, P. I. Crumpton, and D. A. Burgess. Theory, practice, and a tool for BSP performance prediction. *Lecture Notes in Computer Science*, 1124:697–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joe:1996:ASM

[1057] K. Joe and A. Fukuda. Applying the semi-Markov memory and cache coherence interference model to an updating based cache coherence protocol. *Lecture Notes in Computer Science*, 1124:706–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vlassov:1996:AMM

[1058] V. Vlassov and L.-E. Thorelli. Analytical models of multithreading with data prefetching. *Lecture Notes in Computer Science*, 1124:714–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez:1996:IIR

[1059] M. J. Fernandez, M. Carro, and M. Hermenegildo. IDRA (IDeal resource allocation): Computing ideal speedups in parallel logic programming. *Lecture Notes in Computer Science*, 1124:724–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brilman:1996:ETS

[1060] M. Brilman and J.-M. Vincent. Estimation of the throughput for some stochastic resources sharing systems. *Lecture Notes in Computer Science*, 1124:734–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sharma:1996:SCF

[1061] V. Sharma and E. A. Varvarigos. Some closed form results for circuit switching in a hypercube network. *Lecture Notes in Computer Science*, 1124:738–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wallace:1996:IFM

[1062] S. Wallace and N. Bagherzadeh. Instruction fetching mechanisms for superscalar microprocessors. *Lecture Notes in Computer Science*, 1124:747–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:DDT

[1063] C.-M. Chen and C.-T. King. Designing dynamic two-level branch predictors based on pattern locality. *Lecture Notes in Computer Science*, 1124:757–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Temam:1996:SP

[1064] O. Temam. Streaming prefetch. *Lecture Notes in Computer Science*, 1124: 765–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Filho:1996:FDS

[1065] E. M. C. Filho, E. S. T. Fernandes, and A. Wolfe. Functionality distribution on a superscalar architecture. *Lecture Notes in Computer Science*, 1124:773–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Potter:1996:ILF

[1066] R. Potter and G. Steven. Investigating the limits of fine-grained parallelim in a statically scheduled superscalar architecture. *Lecture Notes in Computer Science*, 1124:779–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goossens:1996:CM

[1067] B. Goossens and Duc Thang Vu. Onchip multiprocessing. *Lecture Notes in Computer Science*, 1124:789–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sigmund:1996:IBM

[1068] U. Sigmund and T. Ungerer. Identifying bottlenecks in a multithreaded superscalar microprocessor. *Lecture Notes in Computer Science*, 1124:797–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lo:1996:AOM

[1069] R. Lo, S. Chan, J. Dehnert, and R. Towle. Aggregate operation movement: a min-cut approach to global code motion. *Lecture Notes in Computer Science*, 1124:801–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmidt:1996:GIS

[1070] S. Schmidt. Global instruction scheduling — A practical approach. *Lecture Notes in Computer Science*, 1124:815–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Winckel:1996:GMC

[1071] L. Winckel. Génération de micro-code parallèle pour la carte coprocesseur Rapid-2. *Lecture Notes in Computer Science*, 1124:819–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanchez:1996:RNM

[1072] F. Sanchez and J. Cortadella. RESIS: a new methodology for register optimization in software pipelining. *Lecture Notes in Computer Science*, 1124:824–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Altman:1996:OSP

[1073] E. R. Altman and G. R. Gao. Optimal software pipelining through enumeration of schedules. *Lecture Notes in Computer Science*, 1124:833–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cho:1996:TGP

[1074] C.-H. Cho and J.-T. Wang. Triangular grid protocol: An efficient scheme for replica control with uniform access quorums. *Lecture Notes in Computer Science*, 1124:843–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gesmann:1996:MPC

[1075] M. Gesmann. Mapping a parallel complex-object DBMS to operating system processes. *Lecture Notes in Computer Science*, 1124:852–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Devirmis:1996:TMM

[1076] T. Devirmis and O. Ulusoy. A transaction model for multidatabase systems. *Lecture Notes in Computer Science*, 1124:862–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barrena:1996:MDD

[1077] M. Barrena, J. Hernandez, J. M. Martinez, and A. Polo. Multidimensional declustering methods for parallel database systems. *Lecture Notes in Computer Science*, 1124:866–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Spiliopoulou:1996:MRU

[1078] M. Spiliopoulou and J. C. Freytag. Modelling resource utilization in pipelined query execution. *Lecture Notes in Computer Science*, 1124:872–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bozas:1996:TSS

[1079] G. Bozas, M. Jaedicke, A. Listl, and B. Mitschang. On transforming a sequential SQL-DBMS into a parallel one: First results and experiences of the MIDAS project. *Lecture Notes in Computer Science*, 1124:881–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brunie:1996:DPR

[1080] L. Brunie and H. Kosch. DPLGraphs — A powerful representation of parallel relational query execution plans. *Lecture Notes in Computer Science*, 1124: 887–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dikenelli:1996:BVM

[1081] O. Dikenelli, M. O. Uenalyr, and E. Ozkarahan. BLOCKER: a variable and multiattribute declustering for parallel database machines. *Lecture Notes in Computer Science*, 1124:892–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krotz-Vogel:1996:PPP

[1082] W. Krotz-Vogel and H.-C Hoppe. The PALLAS portable parallel programming environment. *Lecture Notes in Computer Science*, 1124:899–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marrakchi:1996:OPA

[1083] M. Marrakchi. On optimal parallel algorithm for Gaussian elimination. *Lecture Notes in Computer Science*, 1124:907–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abdallah:1996:SMP

[1084] A. E. Abdallah. Synthesis of massively pipelined algorithms for list manipulation. *Lecture Notes in Computer Science*, 1124:911–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agerholm:1996:TSV

[1085] S. Agerholm. Translating specifications in VDM-SL to PVS. *Lecture Notes in Computer Science*, 1125:1–16, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agerholm:1996:CHA

[1086] S. Agerholm, I. Beylin, and P. Dybjer. A comparison of HOL and ALF formalizations of a categorical coherence theorem. *Lecture Notes in Computer Science*, 1125:17–32, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Basin:1996:MHS

[1087] D. Basin and S. Friedrich. Modeling a hardware synthesis methodology in Isabelle. *Lecture Notes in Computer Science*, 1125:33–50, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Black:1996:IRP

[1088] P. E. Black and P. J. Windley. Inference rules for programming languages with side effects in expressions. *Lecture Notes in Computer Science*, 1125:51–60, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brackin:1996:DCP

[1089] S. H. Brackin. Deciding cryptographic protocol adequacy with HOL: The implementation. *Lecture Notes in Computer Science*, 1125:61–76, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Busch:1996:PLF

[1090] H. Busch. Proving liveness of fair transition systems. *Lecture Notes in Computer Science*, 1125:77–92, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Butler:1996:PDU

[1091] M. Butler and T. Laangbacka. Program derivation using the refinement calculator. *Lecture Notes in Computer Science*, 1125:93–108, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collins:1996:PTR

[1092] G. Collins. A proof tool for reasoning about functional programs. *Lecture Notes in Computer Science*, 1125:109–124, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coupet-Grimal:1996:CHV

[1093] S. Coupet-Grimal and L. Jakubiec. Coq and hardware verification: a case study. *Lecture Notes in Computer Science*, 1125:125–140, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dutertre:1996:EMA

[1094] B. Dutertre. Elements of mathematical analysis in PVS. *Lecture Notes in Computer Science*, 1125:141–156, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eisenbiegler:1996:IIA

[1095] D. Eisenbiegler, C. Blumenroehr, and R. Kumar. Implementation issues about the embedding of existing high level synthesis algorithms in HOL. *Lecture Notes in Computer Science*, 1125: 157–172, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gordon:1996:FAA

[1096] A. D. Gordon and T. Melham. Five axioms of alpha-conversion. *Lecture Notes in Computer Science*, 1125:173–190, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gordon:1996:STH

[1097] M. Gordon. Set theory, higher order logic or both? *Lecture Notes in Computer Science*, 1125:191–202, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harrison:1996:MMH

[1098] J. Harrison. A Mizar mode for HOL. *Lecture Notes in Computer Sci-*

ence, 1125:203–220, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harrison:1996:SAH

[1099] J. Harrison. Staalmarck's algorithm as a HOL derived rule. *Lecture Notes in Computer Science*, 1125:221–234, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heckman:1996:TAC

[1100] M. R. Heckman, G. Zhang, B. R. Becker, and D. Peticolas. Towards applying the composition principle to verify a microkernel operating system. *Lecture Notes in Computer Science*, 1125:235–250, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heyd:1996:MCU

[1101] B. Heyd and P. Cregut. A modular coding of unity in Coq. *Lecture Notes in Computer Science*, 1125:251–266, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Howe:1996:IMH

[1102] D. J. Howe. Importing mathematics from HOL into Nuprl. *Lecture Notes in Computer Science*, 1125:267–282, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolyang:1996:SPE

[1103] H. T. Kolyang, T. Santen, and B. Wolff. A structure preserving encoding of Z in isabelle/HOL. *Lecture Notes in Computer Science*, 1125:283–298, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsson:1996:IRH

[1104] M. Larsson. Improving the result of high-level synthesis using interactive transformational design. *Lecture Notes in Computer Science*, 1125:299–314, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laibinis:1996:ULT

[1105] L. Laibinis. Using lattice theory in higher order logic. *Lecture Notes in Computer Science*, 1125:315–330, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nazareth:1996:FVA

[1106] D. Nazareth and T. Nipkow. Formal verification of algorithm W: The monomorphic case. *Lecture Notes in Computer Science*, 1125:331–346, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pusch:1996:VCC

[1107] C. Pusch. Verification of compiler correctness for the WAM. *Lecture Notes in Computer Science*, 1125:347–362, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reus:1996:SDT

[1108] B. Reus. Synthetic domain theory in type theory: Another logic of computable functions. *Lecture Notes in Computer Science*, 1125:363–380, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Slind:1996:FDH

[1109] K. Slind. Function definition in higher order logic. *Lecture Notes in Computer Science*, 1125:381–398, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smaill:1996:HOA

[1110] A. Smaill and I. Green. High order annotated terms for proof search. *Lecture Notes in Computer Science*, 1125:399–414, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tahar:1996:CMH

[1111] S. Tahar and P. Curzon. A comparison of MDG and HOL for hardware verification. *Lecture Notes in Computer Science*, 1125:415–430, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zammit:1996:MCT

[1112] V. Zammit. A mechanisation of computability theory in HOL. *Lecture Notes in Computer Science*, 1125:431–446, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baumgartner:1996:HT

[1113] P. Baumgartner, U. Furbach, and I. Niemelae. Hyper tableaux. *Lecture Notes in Computer Science*, 1126:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeNivelle:1996:ARU

[1114] H. De Nivelle. An algorithm for retrieval of unifiers from discrimination trees. *Lecture Notes in Computer Science*, 1126:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bourely:1996:BPC

[1115] C. Bourely, G. Defourneaux, and N. Peltier. Building proofs or counterexamples by analogy in a resolution framework. *Lecture Notes in Computer Science*, 1126:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degtyarev:1996:WYA

[1116] A. Degtyarev and A. Voronkov. What you always wanted to know about rigid E-unification. *Lecture Notes in Computer Science*, 1126:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Artosi:1996:LPQ

[1117] A. Artosi, P. Benassi, G. Governatori, and A. Rotolo. Labelled proofs for quantified modal logic. *Lecture Notes in Computer Science*, 1126:70–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Donini:1996:UTM

[1118] F. M. Donini, F. Massacci, D. Nardi, and R. Rosati. A uniform tableaux method for nonmonotonic modal logics. *Lecture Notes in Computer Science*, 1126:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Froehlich:1996:DID

[1119] P. Froehlich, W. Nejdl, and M. Schroeder. Design and implementation of diagnostic strategies using modal logic. *Lecture Notes in Computer Science*, 1126: 104–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santos:1996:MAL

[1120] F. Santos and J. Carmo. A modal action logic based framework for organization specification and analysis. *Lecture Notes in Computer Science*, 1126: 119–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Genesereth:1996:MI

[1121] M. R. Genesereth. McCarthy's idea. *Lecture Notes in Computer Science*, 1126:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alferes:1996:SEN

[1122] J. J. Alferes, L. Moniz Pereira, and T. C. Przymusinski. Strong and explicit negation in nonmonotonic reasoning and logic programming. *Lecture Notes in Computer Science*, 1126: 143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engelfriet:1996:OPM

[1123] J. Engelfriet. Only persistence makes nonmonotonicity monotonous. *Lecture Notes in Computer Science*, 1126:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Georgatos:1996:OBR

[1124] K. Georgatos. Ordering-based representations of rational inference. *Lecture Notes in Computer Science*, 1126: 176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mikitiuk:1996:SRD

[1125] A. Mikitiuk. Semi-representability of default theories in rational default logic. *Lecture Notes in Computer Science*, 1126:192–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciorba:1996:QAA

[1126] V. Ciorba. A query answering algorithm for Lukaszewicz' general open default theory. *Lecture Notes in Computer Science*, 1126:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Engelfriet:1996:IDL

[1127] J. Engelfriet, V. W. Marek, J. Treur, and M. Truszczynski. Infinitary default logic for specification of nonmonotonic reasoning. *Lecture Notes in Computer Science*, 1126:224–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antoniou:1996:SCC

[1128] G. Antoniou, A. P. Courtney, J. Ernst, and M. A. Williams. A system for computing constrained default logic extensions. *Lecture Notes in Computer Science*, 1126:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smolka:1996:OPM

[1129] G. Smolka. The Oz programming model. *Lecture Notes in Computer Science*, 1126:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aravindan:1996:AFN

[1130] C. Aravindan. An abductive framework for negation in disjunctive logic programming. *Lecture Notes in Computer Science*, 1126:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brass:1996:CDW

[1131] S. Brass and J. Dix. Characterizing D-WFS: Confluence and iterated GCWA. *Lecture Notes in Computer Science*, 1126:268–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pedro:1996:MS

[1132] V. Pedro and L. Monteiro. Modules and specifications. *Lecture Notes in Computer Science*, 1126:284–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kowalski:1996:LPI

[1133] R. Kowalski. Logic programming with integrity constraints. *Lecture Notes in Computer Science*, 1126:301–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Enciso:1996:TRL

[1134] M. Enciso, I. P. De Guzman, and C. Rossi. Temporal reasoning over linear discrete time. *Lecture Notes in Computer Science*, 1126:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pliuskevicius:1996:SSF

[1135] R. Pliuskevicius. Similarity saturation for first order linear temporal logic with UNLESS. *Lecture Notes in Computer Science*, 1126:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bennett:1996:CSS

[1136] B. Bennett. Carving up space: Steps towards construction of an absolutely complete theory of spatial regions. *Lecture Notes in Computer Science*, 1126: 337–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Forcheri:1996:ILA

[1137] P. Forcheri, P. Gentilini, and M. T. Molfino. Informational logic for automated reasoning. *Lecture Notes in Computer Science*, 1126:354–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaminski:1996:EOD

[1138] M. Kaminski, J. Makowsky, and M. Tiomkin. Extensions for open default theory via the domain closure assumption. *Lecture Notes in Computer Science*, 1126:373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Witteveen:1996:RUU

[1139] C. Witteveen and W. Van der Hoek. Revision and updating using a back-up semantics. *Lecture Notes in Computer Science*, 1126:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Besnard:1996:SSS

[1140] P. Besnard and T. Schaub. A simple signed system for paraconsistent reasoning. *Lecture Notes in Computer Science*, 1126:404–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kotz:1996:FPP

[1141] D. Kotz and N. Nieuwejaar. Flexibility and performance of parallel file systems. *Lecture Notes in Computer Science*, 1127:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kwong:1996:SDD

[1142] P. Kwong and S. Majumdar. Study of data distribution strategies for parallel I/O management. *Lecture Notes in Computer Science*, 1127:12–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thakur:1996:EEP

[1143] R. Thakur, W. Gropp, and E. Lusk. An experimental evaluation of the parallel I/O systems of the IBM SP and Intel Paragon using a production application. *Lecture Notes in Computer Science*, 1127:24–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eberle:1996:SSI

[1144] H. Eberle. Switcherland — A scalable interconnection structure for distributed computing. *Lecture Notes in Computer Science*, 1127:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pucher:1996:PAV

[1145] F. Pucher and H. A. Huy. Performance aspects of virtual circuit connections over a local ATM network. *Lecture Notes in Computer Science*, 1127:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hausenblas:1996:NRS

[1146] E. Hausenblas. New results of the Salzburg NTN-Method for the Radon transform. *Lecture Notes in Computer Science*, 1127:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brunner:1996:PCO

[1147] D. Brunner and A. Uhl. Parallel computation of optimal parameters for pseudo random number generation. *Lecture Notes in Computer Science*, 1127:78–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilschut:1996:PEM

[1148] A. N. Wilschut, J. Flokstra, and P. M. G. Apers. Parallel evaluation of multi-join queries. *Lecture Notes in Computer Science*, 1127:90–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouganim:1996:SHD

[1149] L. Bouganim, D. Florescu, and B. Dageville. Skew handling in the DBS3 parallel database system. *Lecture Notes in Computer Science*, 1127: 98–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciaccia:1996:DDM

[1150] P. Ciaccia and A. Veronesi. Dynamic declustering methods for parallel grid files. *Lecture Notes in Computer Science*, 1127:110–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biscondi:1996:EIO

[1151] N. Biscondi, L. Brunie, A. Flory, and H. Kosch. Encapsulation of intra-operation parallelism in a parallel match operator. *Lecture Notes in Computer Science*, 1127:124–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfneiszl:1996:SWG

[1152] H. Pfneiszl and G. Kotsis. Synthetic workload generation for parallel processing systems. *Lecture Notes in Computer Science*, 1127:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kranzlmueller:1996:PPV

[1153] D. Kranzlmueller, R. Koppler, S. Grabner, and C. Holzner. Parallel program visualization with MUCH. *Lecture Notes in Computer Science*, 1127: 148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knudsen:1996:SS

[1154] K. S. Knudsen. Statement-sets. *Lecture Notes in Computer Science*, 1127: 161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aguilar:1996:HOS

[1155] J. Aguilar. Heuristics to optimize the speed-up of parallel programs. *Lecture Notes in Computer Science*, 1127:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Spalt:1996:VVA

[1156] A. Spalt, S. Grabner, and J. Volkert. Vectorization of visualization algorithms — A practical example. *Lecture Notes in Computer Science*, 1127: 184–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gubareny:1996:PCI

[1157] N. Gubareny and A. Katkov. Parallel chaotic iterative algorithms for image reconstruction with limited projection data. *Lecture Notes in Computer Science*, 1127:196–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hausberger:1996:DTA

[1158] G. Hausberger. Digital's TruCluster architecture. *Lecture Notes in Computer Science*, 1127:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blum:1996:PP

[1159] J. M. Blum, T. M. Warschko, and W. F. Tichy. The ParaStation project. *Lecture Notes in Computer Science*, 1127:215–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papakostas:1996:PPP

[1160] N. Papakostas, G. Papakonstantinou, and P. Tsanakas. PPARDB / PVM: a portable PVM based parallel database management system. *Lecture Notes in Computer Science*, 1127:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Szabo:1996:NLA

[1161] E. Szabo, I. Forgacs, C. Bates, and I. Jelly. A new language for automatic data generation. *Lecture Notes in Computer Science*, 1127:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellatreche:1996:HFD

[1162] L. Bellatreche and A. Simonet. Horizontal fragmentation in distributed object database systems. *Lecture Notes in Computer Science*, 1127:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clematis:1996:ISP

[1163] A. Clematis, V. Gianuzzi, and G. Sacchetto. Implementing snapshot protocol for message based communication libraries. *Lecture Notes in Computer Science*, 1127:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amme:1996:DGD

[1164] W. Amme and E. Zehendner. A/D graphs — A data structure for data dependence analysis in programs with pointers. *Lecture Notes in Computer Science*, 1127:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Halada:1996:PMS

[1165] L. Halada and M. Lucka. A partition method for solving block pentadiagonal linear system on Intel Hypercube iPSC/860. *Lecture Notes in Computer Science*, 1127:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Palenichka:1996:PIP

[1166] R. M. Palenichka and A. Y. Lutsyk. Parallel image processing by using homogeneous computing structures. *Lecture Notes in Computer Science*, 1127:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bibel:1996:POA

[1167] W. Bibel, D. Korn, C. Kreitz, and S. Schmitt. Problem-oriented applications of automated theorem proving. *Lecture Notes in Computer Science*, 1128:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bronstein:1996:STE

[1168] M. Bronstein. 0I0T — A strongly-typed embeddable computer algebra library. *Lecture Notes in Computer Science*, 1128:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bourely:1996:DGF

[1169] C. Bourely and N. Peltier. DiscAtinf. A general framework for implementing calculi and strategies. *Lecture Notes in Computer Science*, 1128:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degtyarev:1996:EET

[1170] A. Degtyarev and A. Voronkov. Equality elimination for the tableau method. *Lecture Notes in Computer Science*, 1128:46–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthe:1996:TLP

[1171] G. Barthe and H. Elbers. Towards lean proof checking. *Lecture Notes in Computer Science*, 1128:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buch:1996:WHP

[1172] A. Buch, T. Hillenbrand, and R. Fettig. Waldmeister: High performance equational theorem proving. *Lecture Notes in Computer Science*, 1128:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Numazawa:1996:RLB

[1173] M. Numazawa, M. Kurihara, and A. Ohuchi. A reflective language based on conditional term rewriting. *Lecture Notes in Computer Science*, 1128:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balestreri:1996:TRS

[1174] G. Balestreri. Term rewriting systems: An h-categorical semantic. *Lecture Notes in Computer Science*, 1128: 67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paoluzzi:1996:GGM

[1175] A. Paoluzzi. Generative geometric modeling in a functional environment. *Lecture Notes in Computer Science*, 1128:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gehrke:1996:ESE

[1176] W. Gehrke and C. Limongelli. Exploiting SML for experimenting with algebraic algorithms: The example of p-adic lifting. *Lecture Notes in Computer Science*, 1128:98–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santas:1996:CCD

[1177] P. S. Santas. Conditional categories and domains. *Lecture Notes in Computer Science*, 1128:112–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gogolla:1996:POS

[1178] M. Gogolla. Parameterizing object specifications. *Lecture Notes in Computer Science*, 1128:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciancarini:1996:ADS

[1179] P. Ciancarini and C. Mascolo. Analyzing the dynamics of a Z specification. *Lecture Notes in Computer Science*, 1128:138–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amrhein:1996:WF

[1180] B. Amrhein, O. Gloor, and W. Kuechlin. Walking faster. *Lecture Notes in Computer Science*, 1128:150–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jebelean:1996:IRA

[1181] T. Jebelean. Integer and rational arithmetic on MasPar. *Lecture Notes in Computer Science*, 1128:162–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cesari:1996:PPF

[1182] G. Cesari and R. Maeder. Parallel 3-Primes FFT algorithm. *Lecture Notes in Computer Science*, 1128:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buendgen:1996:MSA

[1183] R. Buendgen, M. Goebel, and W. Kuechlin. A master-slave approach to parallel term rewriting on a hierarchical multiprocessor. *Lecture Notes in Computer Science*, 1128:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haugeneder:1996:MAC

[1184] H. Haugeneder and D. Steiner. Multiagent cooperation — concepts and applications. *Lecture Notes in Computer Science*, 1128:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weck:1996:DCP

[1185] W. Weck. Document-centered presentation of computing software: Compound documents are better workspaces. *Lecture Notes in Computer Science*, 1128:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ciancarini:1996:ANE

[1186] P. Ciancarini and S. Cimato. Animating a non-executable formal specification with a distributed symbolic language. *Lecture Notes in Computer Science*, 1128:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Limongelli:1996:URB

[1187] C. Limongelli, G. Malerba, and M. Temperini. Uniform representation of basic algebraic structures in computer algebra. *Lecture Notes in Computer Science*, 1128:202–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kerber:1996:ICA

[1188] M. Kerber, M. Kohlhase, and V. Sorge. Integrating computer algebra with proof planning. *Lecture Notes in Computer Science*, 1128:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamann:1996:SSM

[1189] K. Hamann and J. Calmet. Structures for symbolic mathematical reasoning and computation. *Lecture Notes in Computer Science*, 1128:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matthews:1996:IFI

[1190] S. Matthews. Implementing FS0 in Isabelle: Adding structure at the metalevel. *Lecture Notes in Computer Science*, 1128:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cioni:1996:ACR

[1191] G. Cioni, A. Colagrossi, and M. Temperini. An approach to class reasoning in symbolic computation. *Lecture Notes in Computer Science*, 1128:240–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Dupee:1996:IIN

[1192] B. J. Dupee and J. H. Davenport. An intelligent interface to numerical routines. *Lecture Notes in Computer Science*, 1128:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hearn:1996:CAW

[1193] A. C. Hearn. Computer algebra and the World Wide Web. *Lecture Notes in Computer Science*, 1128:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Norman:1996:IRJ

[1194] A. Norman and J. Fitch. Interfacing REDUCE to Java. *Lecture Notes in Computer Science*, 1128:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Butler:1996:SAC

[1195] G. Butler. Software architectures for computer algebra: a case study. *Lecture Notes in Computer Science*, 1128: 277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dalmas:1996:DDM

[1196] S. Dalmas, M. Gaetano, and C. Huchet. A deductive database for mathematical formulas. *Lecture Notes in Computer Science*, 1128:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mthuk:1996:CSC

[1197] M. Mthuk and F. Winkler. CASA — A system for computer aided constructive algebraic geometry. *Lecture Notes in Computer Science*, 1128:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). Check first author name??

Dalmas:1996:MSC

[1198] S. Dalmas and M. Gaetano. Making systems communicate and cooperate: The central control approach. *Lecture Notes in Computer Science*, 1128:308–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daberkow:1996:DNF

[1199] M. Daberkow and A. Weber. A database for number fields. *Lecture Notes in Computer Science*, 1128:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grivas:1996:CRM

[1200] G. Grivas and A. Palinginis. Compiling residuation for a multiparadigm symbolic programming language. *Lecture Notes in Computer Science*, 1128:331–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gray:1996:PIM

[1201] S. Gray, N. Kajler, and P. S. Wang. Pluggability issues in the multi protocol. *Lecture Notes in Computer Science*, 1128:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finne:1996:CUI

[1202] S. Finne and S. P. Jones. Composing the user interface with Haggis. *Lecture Notes in Computer Science*, 1129:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hudak:1996:HMT

[1203] P. Hudak. Haskote music tutorial. *Lecture Notes in Computer Science*, 1129: 38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jeuring:1996:PP

[1204] J. Jeuring and P. Jansson. Polytypic programming. *Lecture Notes in Computer Science*, 1129:68–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:ITS

[1205] P. Lee. Implementing threads in standard ML. *Lecture Notes in Computer Science*, 1129:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Okasaki:1996:FDS

[1206] C. Okasaki. Functional data structures. *Lecture Notes in Computer Science*, 1129:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Runciman:1996:HPS

[1207] C. Runciman and N. Roejemo. Heap profiling for space efficiency. *Lecture Notes in Computer Science*, 1129:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DoaitseSwierstra:1996:DEC

[1208] S. Doaitse Swierstra and L. Duponcheel. Deterministic, error-correcting combinator parsers. *Lecture Notes in Computer Science*, 1129:184–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Swierstra:1996:DEC

[1209] S. Doaitse Swierstra and L. Duponcheel. Deterministic, error-correcting combinator parsers. *Lecture Notes in Computer Science*, 1129:184–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tofte:1996:ESM

[1210] M. Tofte. Essentials of standard ML modules. *Lecture Notes in Computer Science*, 1129:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burstall:1996:IDR

[1211] R. Burstall. Inductively defined relations. *Lecture Notes in Computer Science*, 1130:14–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ehrig:1996:RCT

[1212] H. Ehrig, M. Grosse-Rhode, and U. Wolter. On the role of category theory in the area of algebraic specifications. *Lecture Notes in Computer Science*, 1130:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoare:1996:UTC

[1213] T. Hoare. Unification of theories: a challenge for computing science. *Lec-*

ture Notes in Computer Science, 1130: 49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Homing:1996:LSL

[1214] J. J. Homing. The Larch shared language: Some open problems. *Lecture Notes in Computer Science*, 1130:58–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lescanne:1996:LCA

[1215] P. Lescanne. The lambda calculus as an abstract data type. *Lecture Notes in Computer Science*, 1130:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arrais:1996:UTD

[1216] M. Arrais and J. L. Fiadeiro. Unifying theories in different institutions. *Lecture Notes in Computer Science*, 1130: 81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bidoit:1996:IFI

[1217] M. Bidoit, C. Choppy, and F. Voisin. Interchange format for inter-operability of tools and translation. *Lecture Notes in Computer Science*, 1130:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buendgen:1996:EPE

[1218] R. Buendgen and W. Lauterbach. Experiments with partial evaluation domains for rewrite specifications. *Lecture Notes in Computer Science*, 1130: 125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clerici:1996:CSP

[1219] S. Clerici, R. M. Jimenez, and F. Orejas. Class-sort polymorphism in Glider. *Lecture Notes in Computer Science*, 1130:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coscia:1996:DCA

[1220] E. Coscia and G. Reggio. Deontic concepts in the algebraic specification of dynamic systems: The permission case. *Lecture Notes in Computer Science*, 1130:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denker:1996:RCV

[1221] G. Denker. Reification — changing viewpoint but preserving truth. *Lecture Notes in Computer Science*, 1130: 182–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Diaconescu:1996:CBE

[1222] R. Diaconescu. A category-based equational logic semantics to constraint programming. *Lecture Notes in Computer Science*, 1130:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grosse-Rhode:1996:CST

[1223] M. Grosse-Rhode. Concurrent state transformations on abstract data types. *Lecture Notes in Computer Science*, 1130:222–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hensel:1996:VIP

[1224] U. Hensel and D. Spooner. A view on implementing processes: Categories of circuits. *Lecture Notes in Computer Science*, 1130:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hintermeier:1996:CAS

[1225] C. Hintermeier, H. Kirchner, and P. D. Mosses. Combining algebraic and set-theoretic specifications. *Lecture Notes in Computer Science*, 1130:255–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamperman:1996:MTR

[1226] J. Kamperman and P. Walters. Minimal term rewriting systems. *Lecture Notes in Computer Science*, 1130:274–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klar:1996:IIT

[1227] M. Klar, R. Geisler, and F. Cornelius. InterACT: An interactive theorem and completeness prover for algebraic specifications with conditional equations. *Lecture Notes in Computer Science*, 1130:291–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kriauciukas:1996:RRS

[1228] V. Kriauciukas and M. Walicki. Rewriting and reasoning with set-relations II: The non-ground case completeness. *Lecture Notes in Computer Science*, 1130:306–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kristoffersen:1996:TCR

[1229] B. Kristoffersen. Termination of curryfied rewrite systems. *Lecture Notes in Computer Science*, 1130:322–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

LeGall:1996:FST

[1230] P. Le Gall and A. Arnould. Formal specifications and test: Correctness and oracle. *Lecture Notes in Computer Science*, 1130:342–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malcolm:1996:BEB

[1231] G. Malcolm. Behavioural equivalence, bisimulation, and minimal realisation. *Lecture Notes in Computer Science*, 1130:359–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mossakowski:1996:ULP

[1232] T. Mossakowski. Using limits of parchments to systematically construct institutions of partial algebras. *Lecture Notes in Computer Science*, 1130:379–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mylonakis:1996:BST

[1233] N. Mylonakis. Behavioural specifications in type theory. *Lecture Notes in Computer Science*, 1130:394–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Padawitz:1996:SDT

[1234] P. Padawitz. Swinging data types: Syntax, semantics, and theory. *Lecture*

Notes in Computer Science, 1130:409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pawlowski:1996:CI

[1235] W. Pawlowski. Context institutions. *Lecture Notes in Computer Science*, 1130:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Qian:1996:OOF

[1236] Z. Qian and B. Krieg-Brueckner. Object-oriented functional programming and type reconstruction. *Lecture Notes in Computer Science*, 1130:458–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tarlecki:1996:MBL

[1237] A. Tarlecki. Moving between logical systems. *Lecture Notes in Computer Science*, 1130:478–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voisin:1996:MAS

[1238] F. Voisin and M. Bidoit. Modular algebraic specifications and the orientation of equations into rewrite rules. *Lecture Notes in Computer Science*, 1130:503–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Walters:1996:MEL

[1239] P. Walters and J. Kamperman. A model for I/O in equational languages with don't care non-determinism. *Lecture Notes in Computer Science*, 1130: 522–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wolz:1996:TDS

[1240] D. Wolz. Tool design for structuring mechanisms for algebraic specification languages with initial semantics. *Lecture Notes in Computer Science*, 1130:536–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:GTU

[1241] G. Wang, M. W. Vannier, E. McFarland, and J. P. Heiken. GI tract unraveling in volumetric CT. *Lecture Notes in Computer Science*, 1131:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schiemann:1996:SVH

[1242] T. Schiemann, J. Nuthmann, U. Tiede, and K. H. Hoehne. Segmentation of the visible human for high quality volume based visualization. *Lecture Notes in Computer Science*, 1131:13–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Preim:1996:IAM

[1243] B. Preim, A. Ritter, and T. Strothotte. Illustrating anatomic models — A semi-interactive approach. *Lecture Notes in Computer Science*, 1131:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mori:1996:FRM

[1244] K. Mori, J.-I. Hasegawa, J.-I. Toriwaki, and H. Anno. A fast rendering method using the tree structure of objects in virtualized bronchus endoscope system. *Lecture Notes in Computer Science*, 1131:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Law:1996:ORT

[1245] A. Law and R. Yagel. An optimal ray traversal scheme for visualizing colossal medical volumes. *Lecture Notes in Computer Science*, 1131:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacq:1996:DMV

[1246] J.-J. Jacq and C. Roux. A direct multivolume rendering method. application to visual assessment of 3-D image registration algorithms. *Lecture Notes in Computer Science*, 1131:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Manduca:1996:VTE

[1247] A. Manduca, R. Muthupillai, P. J. Rossman, and J. F. Greenleaf. Visualization of tissue elasticity by magnetic resonance elastography. *Lecture Notes in Computer Science*, 1131:63–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoogeveen:1996:AVD

[1248] R. Hoogeveen, C. Bakker, and M. Viergever. Accurate vessel depiction with phase gradient algorithm in MR angiography. *Lecture Notes in Computer Science*, 1131:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mullick:1996:VLV

[1249] R. Mullick and H. T. Nguyen. Visualization and labeling of the visible Human[TM] dataset: Challenges and resolves. *Lecture Notes in Computer Science*, 1131:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stewart:1996:RVM

[1250] J. E. Stewart, W. C. Broaddus, and J. H. Johnson. Rebuilding the visible man. *Lecture Notes in Computer Science*, 1131:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

vanScheltinga:1996:IQI

[1251] J. Terwisscha van Scheltinga, M. Bosma, J. Smit, and S. Lobregt. Image quality improvements in volume rendering. *Lecture Notes in Computer Science*, 1131:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grzeszczuk:1996:RTM

[1252] R. P. Grzeszczuk and C. A. Pelizzari. Real-time merging of visible surfaces for display and segmentation. *Lecture Notes in Computer Science*, 1131:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holmes:1996:CPC

[1253] C. J. Holmes, D. MacDonald, J. G. Sled, and A. W. Toga. Cortical peeling: CSF/ grey matter/white matter boundaries visualized by nesting isosurfaces. *Lecture Notes in Computer Science*, 1131:99–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guillemaud:1996:EMI

[1254] R. Guillemaud and M. Brady. Enhancement of MR images. *Lecture Notes in Computer Science*, 1131:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marquez:1996:RCC

[1255] J. Marquez and F. Schmitt. Radiometric correction of color cryosection images for three-dimensional segmentation of fine structures. *Lecture Notes in Computer Science*, 1131:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Launay:1996:RCV

[1256] L. Launay, E. Maurincomme, P. Bouchet, and J.-L. Mallet. 3D reconstruction of cerebral vessels and pathologies from a few biplane digital angiographies. *Lecture Notes in Computer Science*, 1131: 123–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kay:1996:RDR

[1257] P. A. Kay, R. A. Robb, D. G. Bostwick, and J. J. Camp. Robust 3-D reconstruction and analysis of microstructures from serial histologic sections, with emphasis on microvessels in prostate cancer. *Lecture Notes in Computer Science*, 1131:129–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kwan:1996:EMS

[1258] R. K.-S. Kwan, A. C. Evans, and G. B. Pike. An extensible MRI simulator for post-processing evaluation. *Lecture Notes in Computer Science*, 1131:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brechbuehler:1996:CSI

[1259] C. Brechbuehler, G. Gerig, and G. Szekely. Compensation of spatial inhomogeneity in MRI based on a parametric bias estimate. *Lecture Notes in Computer Science*, 1131:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuenemann:1996:ACM

[1260] S. Schuenemann, C. Rethfeldt, F. Mueller, and K. Agha-Amiri. Analysis of coupled multi-image information in microscopy. *Lecture Notes in Computer Science*, 1131:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gilles:1996:BFC

[1261] S. Gilles, M. Brady, J. Declerck, and J.-P. Thirion. Bias field correction of breast MR images. *Lecture Notes in Computer Science*, 1131:153–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Masutani:1996:RGB

[1262] Y. Masutani, K. Masamune, and T. Dohi. Region-growing based feature extraction algorithm for tree-like objects. *Lecture Notes in Computer Science*, 1131:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McAuliffe:1996:SSB

[1263] M. J. McAuliffe, D. Eberly, D. S. Fritsch, and E. L. Chaney. Scale-space boundary evolution initialized by cores. *Lecture Notes in Computer Science*, 1131:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barrett:1996:FAR

[1264] W. A. Barrett and E. N. Mortensen. Fast, accurate, and reproducible live-wire boundary extraction. *Lecture Notes in Computer Science*, 1131:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelemen:1996:ASC

[1265] A. Kelemen, G. Szekely, H.-W. Reist, and G. Gerig. Automatic segmentation of cell nuclei from confocal laser scanning microscopy images. *Lecture Notes in Computer Science*, 1131:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouma:1996:ESA

[1266] C. J. Bouma, W. J. Niessen, K. J. Zuiderveld, and E. J. Gussenhoven. Evaluation of segmentation algorithms for intravascular ultrasound images. *Lecture Notes in Computer Science*, 1131:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vemuri:1996:FAF

[1267] B. C. Vemuri, Y. Guo, S. H. Lai, and C. M. Leonard. Fast algorithms for fitting multiresolution hybrid shape models to brain MRI. *Lecture Notes in Computer Science*, 1131:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kanazawa:1996:CAS

[1268] K. Kanazawa, M. Kubo, N. Niki, and H. Satoh. Computer aided screening system for lung cancer based on helical CT images. *Lecture Notes in Computer Science*, 1131:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vandermeulen:1996:URC

[1269] D. Vandermeulen, X. Descombes, P. Suetens, and G. Marchal. Unsupervised regularized classification of multi-spectral MRI. *Lecture Notes in Computer Science*, 1131:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buzug:1996:UES

[1270] T. M. Buzug, J. Weese, C. Fassnacht, and C. Lorenz. Using an entropy similarity measure to enhance the quality of DSA images with an algorithm based on template matching. *Lecture Notes in Computer Science*, 1131:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Atkins:1996:ASB

[1271] M. S. Atkins and B. T. Mackiewich. Automatic segmentation of the brain in MRI. *Lecture Notes in Computer Science*, 1131:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belohlavek:1996:IAU

[1272] M. Belohlavek, A. Manduca, T. Behrenbeck, and J. B. Seward. Image analysis using modified self-organizing maps: Automated delineation of the left ventricular cavity boundary in serial echocardiograms. *Lecture Notes in Computer Science*, 1131:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBraal:1996:API

[1273] L. De Braal, N. Ezquerra, E. Schwartz, and C. D. Cooke. Analyzing and predicting images through a neural network approach. *Lecture Notes in Computer Science*, 1131:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alcaniz:1996:AIA

[1274] M. Alcañiz, V. Grau, C. Knoll, and M. C. Juan. An artificial intelligence approach for automatic interpretation of maxillofacial CT images. *Lecture Notes in Computer Science*, 1131:259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bro-Nielsen:1996:FFR

[1275] M. Bro-Nielsen and C. Gramkow. Fast fluid registration of medical images. *Lecture Notes in Computer Science*, 1131:267–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rangarajan:1996:RPM

[1276] A. Rangarajan, E. Mjolsness, S. Pappu, and L. Davachi. A robust point matching algorithm for autoradiograph alignment. *Lecture Notes in Computer Science*, 1131:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhao:1996:RUU

[1277] J. Zhao, P. T. E. Roberts, A. C. F. Colchester, and K. Holton-Tainter. Registration updating using marker pins in a video based neurosurgical guidance system (VISLAN). *Lecture Notes in Computer Science*, 1131:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rohr:1996:PBE

[1278] K. Rohr, H. S. Stiehl, R. Sprengel, and W. Beil. Point-based elastic registration of medical image data using approximating thin-plate splines. *Lecture Notes in Computer Science*, 1131:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collins:1996:CCN

[1279] D. L. Collins, G. Le Goualher, R. Venugopal, and A. Caramanos. Cortical constraints for non-linear cortical registration. *Lecture Notes in Computer Science*, 1131:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hata:1996:IGM

[1280] N. Hata, W. M. Wells, M. Halle, and S. Nakajima. Image guided microscopic surgery system using mutual-information based registration. *Lecture Notes in Computer Science*, 1131:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thirion:1996:CVT

[1281] J.-P. Thirion, G. Subsol, and D. Dean. Cross validation of three inter-patients matching methods. *Lecture Notes in Computer Science*, 1131:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schormann:1996:NAF

[1282] T. Schormann, S. Henn, and K. Zilles. A new approach to fast elastic alignment with applications to human brains. *Lecture Notes in Computer Science*, 1131:337–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Christensen:1996:IAA

[1283] G. E. Christensen, S. C. Joshi, and M. I. Miller. Individualizing anatomical atlases of the head. *Lecture Notes in Computer Science*, 1131:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:MIA

[1284] B. Kim, J. L. Boes, K. A. Frey, and C. R. Meyer. Mutual information for automated multimodal image warping. *Lecture Notes in Computer Science*, 1131:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davatzikos:1996:MAB

[1285] C. Davatzikos, M. Vaillant, S. Resnick, and J. L. Prince. Morphological analysis of brain structures using spatial normalization. *Lecture Notes in Computer Science*, 1131:355–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dean:1996:TDM

[1286] D. Dean, P. Buckley, F. L. Bookstein, and J. Kamath. Three dimensional MR-Based morphometric comparison of schizophrenic and normal cerebral ventricles. *Lecture Notes in Computer Science*, 1131:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Subsol:1996:AAB

[1287] G. Subsol, J.-P. Thirion, and N. Ayache. Application of an automatically built 3D morphometric brain atlas: Study of cerebral ventricle shape. *Lecture Notes in Computer Science*, 1131: 373–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thompson:1996:VMA

[1288] P. Thompson and A. W. Toga. Visualization and mapping of anatomic abnormalities using a probabilistic brain atlas based on random fluid transformations. *Lecture Notes in Computer Science*, 1131:383–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Talhami:1996:STD

[1289] H. Talhami. L-systems for three-dimensional anatomical modelling: Towards a virtual laboratory in anatomy. *Lecture Notes in Computer Science*, 1131:393–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kriete:1996:HDR

[1290] A. Kriete. Hierarchial data representation of lung to model morphology and function. *Lecture Notes in Computer Science*, 1131:399–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bookstein:1996:VGD

[1291] F. L. Bookstein. Visualizing group differences in outline shape: Methods from biometrics of landmark points. *Lecture Notes in Computer Science*, 1131:405–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marais:1996:VCA

[1292] P. Marais, R. Guillemaud, M. Sakuma, and A. Zisserman. Visualising cerebral asymmetry. *Lecture Notes in Computer Science*, 1131:411–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freeborough:1996:APR

[1293] P. A. Freeborough and N. C. Fox. Assessing patterns and rates of brain atrophy by serial magnetic resonance imaging: a segmentation, registration, display and quantification procedure. *Lecture Notes in Computer Science*, 1131:419–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rossmanith:1996:CCB

[1294] C. Rossmanith, H. Handels, S. J. Poeppl, and E. Rinast. Characterisation and classification of brain tumours in three-dimensional MR image sequences. *Lecture Notes in Computer Science*, 1131:429–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zijdenbos:1996:AQM

[1295] A. Zijdenbos, A. C. Evans, F. Riahi, and J. G. Sled. Automatic quantification of multiple sclerosis lesion volume using stereotaxic space. *Lecture Notes in Computer Science*, 1131:439–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ge:1996:SVC

[1296] Y. Ge, D. R. Stelts, and D. J. Vining. 3D skeleton for virtual colonoscopy. *Lecture Notes in Computer Science*, 1131:449–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Faber:1996:IHP

[1297] T. L. Faber, J. M. Hoffman, T. R. Henry, and J. R. Votaw. Identifying hypometabolism in PET images of the brain: Application to epilepsy. *Lecture Notes in Computer Science*, 1131: 457–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rocha:1996:MAE

[1298] C. Rocha, J.-L. Dillenseger, and J.-L. Coatrieux. Multi-array EEG signals mapped with three dimensional images for clinical epilepsy studies. *Lecture Notes in Computer Science*, 1131:467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bromm:1996:VPM

[1299] B. Bromm and E. Scharein. Visualisation of pain by magnetoencephalography in humans. *Lecture Notes in Computer Science*, 1131:477–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dinse:1996:VCA

[1300] H. R. Dinse, B. Godde, T. Hilger, and G. Reuter. Visualization of cat auditory cortical functional organization after electrical stimulation with a multichannel cochlear implant by means of optical imaging. *Lecture Notes in Computer Science*, 1131:483–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poston:1996:BBV

[1301] T. Poston, W. L. Nowinski, L. Serra, and B. C. Chua. The brain bench: Virtual stereotaxis for rapid neurosurgery planning and training. *Lecture Notes in Computer Science*, 1131:491–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanCleynenbreugel:1996:FEI

[1302] J. Van Cleynenbreugel, K. Verstreken, G. Marchal, and P. Suetens. A flexible environment for image guided virtual surgery planning. *Lecture Notes in Computer Science*, 1131:501–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alcaniz:1996:ASS

[1303] M. Alcañiz, F. Chinesta, C. Monserrat, and V. Grau. An advanced system for the simulation and planning of orthodontic treatments. *Lecture Notes in Computer Science*, 1131:511–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shahidi:1996:ASV

[1304] R. Shahidi, V. Argiro, S. Napel, and L. Gray. Assessment of several virtual endoscopy techniques using computed tomography and perspective volume rendering. *Lecture Notes in Computer Science*, 1131:521–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bro-Nielsen:1996:SSU

[1305] M. Bro-Nielsen. Surgery simulation using fast finite elements. *Lecture Notes in Computer Science*, 1131:529–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cotin:1996:RTV

[1306] S. Cotin, H. Delingette, and N. Ayache. Real time volumetric deformable models for surgery simulation. *Lecture Notes in Computer Science*, 1131:535–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keeve:1996:CSS

[1307] E. Keeve, S. Girod, and B. Girod. Craniofacial surgery simulation. *Lecture Notes in Computer Science*, 1131:541–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kay:1996:CVP

[1308] P. A. Kay, R. A. Robb, R. P. Myers, and B. F. King. Creation and validation of patient specific anatomical models for prostate surgery planning using virtual reality. *Lecture Notes in Computer Science*, 1131:547–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bourland:1996:USA

[1309] J. D. Bourland and Q. R. Wu. Use of shape for automated, optimized 3D radiosurgical treatment planning. *Lecture Notes in Computer Science*, 1131: 553–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hill:1996:MGI

[1310] D. L. G. Hill, P. N. Poynter Smith, C. L. Emery, and P. E. Summers. MRI guided intranasal flexible microendoscopy. *Lecture Notes in Computer Science*, 1131:561–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:CAI

[1311] Q. H. Li, H. J. Holdener, L. Zamorano, and P. King. Computer-assisted insertion of pedicle screws. *Lecture Notes in Computer Science*, 1131:571–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mei:1996:PCI

[1312] Q. Mei, S. J. Harris, F. Arambula-Cosio, and M. S. Nathan. PROBOT — A computer integrated prostatectomy system. *Lecture Notes in Computer Science*, 1131:581–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchs:1996:TPU

[1313] H. Fuchs, A. State, E. D. Pisano, and W. F. Garrett. Towards performing ultrasound-guided needle biopsies from within a head-mounted display. *Lecture Notes in Computer Science*, 1131:591–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Studholme:1996:AMR

[1314] C. Studholme, J. A. Little, G. P. Penny, and D. L. G. Hill. Automated multimodality registration using the full affine transformation: Application to MR and CT guided skull base surgery. *Lecture Notes in Computer Science*, 1131:601–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouge:1996:DPP

[1315] L. Bouge. The data parallel programming model: a semantic perspective. *Lecture Notes in Computer Science*, 1132:4–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schreiber:1996:IH

[1316] R. S. Schreiber. An introduction to HPF. *Lecture Notes in Computer Science*, 1132:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Petiton:1996:DPS

[1317] S. G. Petiton and N. Emad. A data parallel scientific computing introduction. *Lecture Notes in Computer Science*, 1132:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lam:1996:CSS

[1318] M. S. Lam. Current status of the SUIF research project. *Lecture Notes in Computer Science*, 1132:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pazat:1996:THP

[1319] J.-L Pazat. Tools for High Performance Fortran: a survey. *Lecture Notes in Computer Science*, 1132:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hatcher:1996:IDP

[1320] P. J. Hatcher, R. D. Russell, S. Kumaran, and M. J. Quinn. Implementing data parallel programs on commodity clusters. *Lecture Notes in Computer Science*, 1132:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Foster:1996:TPH

[1321] I. Foster. Task parallelism and high-performance languages. *Lecture Notes in Computer Science*, 1132:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dekeyser:1996:SID

[1322] J.-L. Dekeyser and P. Marquet. Supporting irregular and dynamic computations in data parallel languages. *Lecture Notes in Computer Science*, 1132: 197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lisper:1996:DPF

[1323] B. Lisper. Data parallelism and functional programming. *Lecture Notes in Computer Science*, 1132:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouge:1996:FVD

[1324] L. Bouge, D. Cachera, Y. Le Guyadec, and G. Utard. Formal validation of data parallel programs: Introducting the assertional approach. *Lecture Notes in Computer Science*, 1132:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seguin:1996:ASC

[1325] G. E. Seguin. The algebraic structure of codes invariant under a permutation. *Lecture Notes in Computer Science*, 1133:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pedersen:1996:MCA

[1326] J. P. Pedersen and D. Polemi. A method of combining algebraic geometric Goppa codes. *Lecture Notes in Computer Science*, 1133:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gulliver:1996:SBR

[1327] T. A. Gulliver and V. K. Bhargava. Some best rate $1/p$ quasi-cyclic codes over GF(5). *Lecture Notes in Computer Science*, 1133:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Youssef:1996:ILR

[1328] A. M. Youssef and S. E. Tavares. Information leakage of a randomly selected Boolean function. *Lecture Notes in Computer Science*, 1133:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aakvaag:1996:UPT

[1329] N. D. Aakvaag, B. Lacaze, and A. Duverdier. On the use of periodic timebase companding in the scrambling of stationary processes. *Lecture Notes in*

Computer Science, 1133:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duverdier:1996:NAS

[1330] A. Duverdier, B. Lacaze, and N. D. Aakvaag. A novel approach to spread spectrum communication using linear periodic time-varying filters. *Lecture Notes in Computer Science*, 1133:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Battail:1996:RLC

[1331] G. Battail. On random-like codes. *Lecture Notes in Computer Science*, 1133: 76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guinand:1996:AAD

[1332] P. Guinand, J. Lodge, and L. Papke. An alternative approach to the design of interleavers for block "turbo" codes. *Lecture Notes in Computer Science*, 1133:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gravel:1996:IVD

[1333] D. B. Gravel, G. Drolet, and C. N. Rozon. Improved VLSI design for decoding concatenated codes comprising an irreducible cyclic code and a Reed–Solomon code. *Lecture Notes in Computer Science*, 1133:104–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:NMT

[1334] R. C.-K. Lee and F. R. Kschischang. Non-minimal trellises for linear block codes. *Lecture Notes in Computer Science*, 1133:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esmaeili:1996:TCL

[1335] M. Esmaeili, T. A. Gulliver, and N. P. Secord. Trellis complexity of linear block codes via atomic codewords. *Lecture Notes in Computer Science*, 1133:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juergensen:1996:ECC

[1336] H. Juergensen and S. Konstantinidis. Error corrections for channels with substitutions, insertions, and deletions. *Lecture Notes in Computer Science*, 1133:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boudreau:1996:RCS

[1337] D. Boudreau and Y. Viens. Reduced complexity soft-output maximum likelihood sequence estimation of 4-ary CPM signals transmitted over Rayleigh flat-fading channels. *Lecture Notes in Computer Science*, 1133:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nassar:1996:NRS

[1338] C. R. Nassar and M. R. Soleymani. A novel receiver structure for MPSK in the presence of rapidly changing phase. *Lecture Notes in Computer Science*, 1133:184–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DAmours:1996:CMV

[1339] C. D'Amours and A. Yongacoglu. Comparison of MFSK variants for a hybrid DS/FH-CDMA system in Rayleigh fading. *Lecture Notes in Computer Science*, 1133:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poor:1996:FFW

[1340] H. V. Poor. Finite-field wavelet transforms. *Lecture Notes in Computer Science*, 1133:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mandal:1996:CWI

[1341] M. K. Mandal, S. Panchanathan, and T. Aboulnasr. Choice of wavelets for image compression. *Lecture Notes in Computer Science*, 1133:239–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Volden:1996:IMR

[1342] E. Volden, G. Giraudon, and M. Berthod. Information in Markov random fields and image redundancy. *Lecture Notes in Computer Science*, 1133:250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gauvin:1996:CID

[1343] J. Gauvin, M. Doucet, D. Gingras, and P. Chevrette. Coding of image data via correlation filters for invariant pattern recognition: Some practical results. *Lecture Notes in Computer Science*, 1133:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gallant:1996:IMS

[1344] P. J. Gallant, E. L. Morin, and L. E. Peppard. Improving myoelectric signal classifier generalization by preprocessing with exploratory projections. *Lecture Notes in Computer Science*, 1133: 278–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liao:1996:CCR

[1345] S. X. Liao and M. Pawlak. Chinese character recognition via orthogonal moments. *Lecture Notes in Computer Science*, 1133:296–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rykowski:1996:UMO

[1346] J. Rykowski and W. Cellary. Using multiversion object-oriented databases in CAD/CIM systems. *Lecture Notes in Computer Science*, 1134:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yahia:1996:BIG

[1347] A. Yahia, L. Lakhal, and R. Cicchetti. Building inheritance graphs in object database design. *Lecture Notes in Computer Science*, 1134:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pastor:1996:OOM

[1348] O. Pastor, V. Pelechano, B. Bonet, and I. Ramos. An object oriented methodological approach for making automated prototyping feasible. *Lecture Notes in Computer Science*, 1134: 29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Annamalai:1996:CBT

[1349] M. Annamalai, A. Sundaram, and B. Bhargava. A color-based technique for measuring visible loss for use in image data communication. *Lecture Notes in Computer Science*, 1134:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Battle:1996:EAC

[1350] S. Battle. Establishing arc consistency for multiple database views. *Lecture Notes in Computer Science*, 1134:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henrich:1996:UQL

[1351] A. Henrich and D. Daeberitz. Using a query language to state consistency constraints for repositories. *Lecture Notes in Computer Science*, 1134:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Appelrath:1996:CSA

[1352] H.-J. Appelrath, H. Behrends, H. Jasper, and O. Zukunft. Case studies on active database applications. *Lecture Notes in Computer Science*, 1134:69–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Becker:1996:TSG

[1353] L. Becker, A. Voigtmann, and K. H. Hinrichs. Temporal support for geodata in object-oriented databases. *Lecture Notes in Computer Science*, 1134: 79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casati:1996:DAR

[1354] F. Casati, S. Ceri, B. Pernici, and G. Pozzi. Deriving active rules for workflow enactment. *Lecture Notes in Computer Science*, 1134:94–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeFerreiraRezende:1996:EOB

[1355] F. De Ferreira Rezende and T. Baier. Employing object-based LSNs in a recovery strategy. *Lecture Notes in Computer Science*, 1134:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dogdu:1996:SAT

[1356] E. Dogdu. Scheduling adaptive transactions in real-time databases. *Lecture Notes in Computer Science*, 1134:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lam:1996:ASC

[1357] K.-Y. Lam, W.-C. Yau, and V. C. S. Lee. Applying similarity in concurrency control for real-time database application. *Lecture Notes in Computer Science*, 1134:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alhajj:1996:VMO

[1358] R. Alhajj and F. Polat. View maintenance in object-oriented databases. *Lecture Notes in Computer Science*, 1134:153–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bakker:1996:OOB

[1359] J. A. Bakker. Object-orientation based on semantic transformations. *Lecture Notes in Computer Science*, 1134:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Djeraba:1996:MSD

[1360] C. Djeraba and K. Hadouda. Multimedia scenes in a database system. *Lecture Notes in Computer Science*, 1134:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitakami:1996:ISI

[1361] H. Kitakami, Y. Mori, and M. Arikawa. An intelligent system for integrating autonomous nomenclature databases in semantic heterogeneity. *Lecture Notes in Computer Science*, 1134:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lucarella:1996:GOD

[1362] D. Lucarella and A. Zanzi. A graph-oriented data model. *Lecture Notes in Computer Science*, 1134:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:CDS

[1363] Y.-J. Lee, D.-M. Lee, S.-J. Ryu, and C.-W. Chung. Controlled decomposition strategy for complex spatial objects. *Lecture Notes in Computer Science*, 1134:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greco:1996:CWU

[1364] S. Greco, C. Mateis, and E. Spadafora. The complexity of weak unification of bounded simple set terms. *Lecture Notes in Computer Science*, 1134:224–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lim:1996:FAH

[1365] S. J. Lim and Y.-K. Ng. A formal approach for horizontal fragmentation in distributed deductive database design. *Lecture Notes in Computer Science*, 1134:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collet:1996:CEN

[1366] C. Collet and T. Coupaye. Composite events in NAOS. *Lecture Notes in Computer Science*, 1134:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eaglestone:1996:GHD

[1367] B. Eaglestone, R. Holton, and L. Rold. GENREG: a historical data model based on event graphs. *Lecture Notes in Computer Science*, 1134:254–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Delannoy:1996:BIC

[1368] X. C. Delannoy and C. Del Vigna. Binary integrity constraints against confidentiality. *Lecture Notes in Computer Science*, 1134:264–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadopoulos:1996:BHI

[1369] A. Papadopoulos, M. Vaitis, and D. Christodoulakis. Building hypertext interfaces to existing relational databases. *Lecture Notes in Computer Science*, 1134:276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:EJN

[1370] H.-C. Liu and C. Chirathamjaree. An efficient join for nested relational databases. *Lecture Notes in Computer Science*, 1134:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hameurlain:1996:PRD

[1371] A. Hameurlain and F. Morvan. Parallel relational database systems: Why, how and beyond. *Lecture Notes in Computer Science*, 1134:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goeers:1996:EOO

[1372] J. Goeers, K.-P. Lisson, and H.-G. Linde-Goeers. Experiences in object-oriented modeling of a real database application. *Lecture Notes in Computer Science*, 1134:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shin:1996:SCO

[1373] H. Shin and J. Chang. Signatures of complex objects for query processing in OODB. *Lecture Notes in Computer Science*, 1134:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hennessey:1996:FSO

[1374] P. Hennessey, M. T. Ibrahim, and A. M. Fedorec. Formal specification, object oriented design, and implementation of an ephemeral logger for database systems. *Lecture Notes in Computer Science*, 1134:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marik:1996:CAD

[1375] V. Marik, O. Stepankova, O. Flek, and J. Kout. Cooperative agents in DISCIM environment. *Lecture Notes in Computer Science*, 1134:356–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miura:1996:MTS

[1376] T. Miura and I. Shioya. Mining type schemes in databases. *Lecture Notes in Computer Science*, 1134:369–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nishizawa:1996:QPM

[1377] I. Nishizawa, A. Takasu, and J. Adachi. A query processing method for integrated access to multiple databases. *Lecture Notes in Computer Science*, 1134:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lang:1996:SD

[1378] P. Lang, W. Obermair, and M. Schrefl. Situation diagrams. *Lecture Notes in Computer Science*, 1134:400–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zimmermann:1996:DIM

[1379] J. Zimmermann, H. Branding, A. P. Buchmann, and A. Deutsch. Design, implementation and management of rules in an acitve database system. *Lecture Notes in Computer Science*, 1134:422–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomas:1996:OGA

[1380] I. S. Thomas and A. C. Jones. OLAF: The GOAD active database event/rule tracer. *Lecture Notes in Computer Science*, 1134:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wiedijk:1996:CWM

[1381] M. Wiedijk, H. Afsarmanesh, and L. O. Hertzberger. Co-working and management of federated information-clusters. *Lecture Notes in Computer Science*, 1134:446–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guenthoer:1996:TBA

[1382] R. Guenthoer and S. Jablonski. Transaction-based application integration in workflow management systems. *Lecture Notes in Computer Science*, 1134:456–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tang:1996:CMS

[1383] J. Tang and S.-Y. Hwang. Coping with mismatched semantics of dependencies in workflow systems. *Lecture Notes in Computer Science*, 1134:467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:DII

[1384] B. Wang. The design of an integrated information system. *Lecture Notes in Computer Science*, 1134:479–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heuer:1996:QOC

[1385] A. Heuer and J. Kroeger. Query optimization in the CROQUE project. *Lecture Notes in Computer Science*, 1134:489–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Na:1996:PFQ

[1386] S. Na and S. Park. A process of fuzzy query on new fuzzy object oriented data model. *Lecture Notes in Computer Science*, 1134:500–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pitoura:1996:RSS

[1387] E. Pitoura. A replication schema to support weak connectivity in mobile information systems. *Lecture Notes in Computer Science*, 1134:510–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puig:1996:CCO

[1388] V. Puig and C. Oussalah. Constraints and composite objects. *Lecture Notes in Computer Science*, 1134:521–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tininini:1996:SMA

[1389] L. Tininini, A. Bezenchek, and M. Rafanelli. A system for the management of aggregate data. *Lecture*

Notes in Computer Science, 1134:531–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heuer:1996:DAM

[1390] A. Heuer and A. Lubinski. Database access in mobile environments. *Lecture Notes in Computer Science*, 1134:544–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Du:1996:CBN

[1391] X. Du, Z. Liu, and N. Ishii. Counting-based normalization for multiple linear recursions. *Lecture Notes in Computer Science*, 1134:554–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eiter:1996:PSD

[1392] T. Eiter, N. Leone, and D. Sacca. Partial semantics for disjunctive deductive databases. *Lecture Notes in Computer Science*, 1134:564–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tang:1996:OPE

[1393] Z.-H. Tang, G. Gardarin, and V. Smahi. Optimizing path expressions using navigational algebraic operators. *Lecture Notes in Computer Science*, 1134:574–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kappel:1996:MOB

[1394] G. Kappel and M. Schrefl. Modeling object behavior: To use methods or rules or both. *Lecture Notes in Computer Science*, 1134:584–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:OOD

[1395] Y. H. Kim, M. S. Kim, S.-H. Kwon, and C.-S. Jeong. The object-oriented design of KROSS: An object-oriented spatial database system. *Lecture Notes in Computer Science*, 1134:603–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Winiwarter:1996:ALE

[1396] W. Winiwarter, O. Kagawa, and Y. Kambayashi. Applying language engineering techniques to the question support facilities in VIENA classroom. *Lecture Notes in Computer Science*, 1134:613–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yoshida:1996:MMO

[1397] T. Yoshida and M. Takizawa. Model of mobile objects. *Lecture Notes in Computer Science*, 1134:623–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wietrzyk:1996:RTT

[1398] V. I. Wietrzyk and Y. Ramaswamy. Real-time transaction scheduling in database systems. *Lecture Notes in Computer Science*, 1134:633–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wietrzyk:1996:PEN

[1399] V. I. Wietrzyk. Performance evaluation of new clustering algorithm in object-oriented database systems. *Lecture Notes in Computer Science*, 1134: 644–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Leone:1996:CDS

[1400] N. Leone, P. Rullo, and F. Scarcello. On the computation of disjunctive stable models. *Lecture Notes in Computer Science*, 1134:654–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:ATO

[1401] L. Wang, M. Wing, C. Davis, and N. Revell. An algebra for a temporal object data model. *Lecture Notes in Computer Science*, 1134:667–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tanaka:1996:SCD

[1402] K. Tanaka, H. Higaki, and M. Takizawa. Significant checkpoint in distributed system. *Lecture Notes in Computer Science*, 1134:678–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1996:AID

[1403] X. Wu. An architecture for interoperation of distributed heterogeneous database systems. *Lecture Notes in Computer Science*, 1134:688–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lo:1996:SQP

[1404] Y.-L. Lo, K. A. Hua, and W. Tavanapong. Scheduling queries for parallel execution on multicomputer database management systems. *Lecture Notes in Computer Science*, 1134: 698–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hwang:1996:DRD

[1405] S.-Y. Hwang, K. K. S. Lee, and Y. H. Chin. Data replication in a distributed system: a performance study. *Lecture Notes in Computer Science*, 1134:708–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coenen:1996:OLS

[1406] F. Coenen, B. Beattie, T. J. M. Bench-Capon, and M. J. R. Shave. An ontology for linear spatial reasoning. *Lecture Notes in Computer Science*, 1134:718–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Debenham:1996:DKB

[1407] J. Debenham and V. Devedzic. Designing knowledge-based systems for optimal performance. *Lecture Notes in Computer Science*, 1134:728–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tolety:1996:MAR

[1408] S. P. Tolety, U. Garimella, P. E. Bandreddi Middile, and S. P. Rana. Match algorithm for a real time expert system. *Lecture Notes in Computer Science*, 1134:738–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghandeharizadeh:1996:LRD

[1409] S. Ghandeharizadeh and D. Kim. Online reorganization of data in scalable continuous media servers. *Lecture*

Notes in Computer Science, 1134:751–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kumar:1996:RMM

[1410] V. Kumar. Recovery in main memory database systems. *Lecture Notes in Computer Science*, 1134:769–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nascimento:1996:MII

[1411] M. A. Nascimento, M. H. Dunham, and R. Elmasri. M-IVTT: An index for bitemporal databases. *Lecture Notes in Computer Science*, 1134:779–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ballesteros:1996:DMC

[1412] L. Ballesteros and B. Croft. Dictionary methods for cross-lingual information retrieval. *Lecture Notes in Computer Science*, 1134:791–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berger:1996:PSS

[1413] F. C. Berger and P. Van Bommel. Personalized search support for networked document retrieval using link inference. *Lecture Notes in Computer Science*, 1134:802–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ounis:1996:UCG

[1414] L. Ounis and J.-P. Chevallet. Using conceptual graphs in a multifaceted logical model for information retrieval. *Lecture Notes in Computer Science*, 1134:812–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ellmer:1996:ACS

[1415] E. Ellmer, C. Huemer, D. Merkl, and G. Pernul. Automatic classification of semantic concepts in view specifications. *Lecture Notes in Computer Science*, 1134:824–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Staudt:1996:GST

[1416] M. Staudt and K. Von Thadden. A generic subsumption testing toolkit for knowledge base queries. *Lecture Notes in Computer Science*, 1134:834–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tran:1996:PET

[1417] N. Tran, D. P. Le, B. Srinivasan, and B. Sier. Performance evaluation of tree-based structures. *Lecture Notes in Computer Science*, 1134:845–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadopoulos:1996:GPR

[1418] A. Papadopoulos and Y. Manolopoulos. Global page replacement in spatial databases. *Lecture Notes in Computer Science*, 1134:855–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sheu:1996:ODD

[1419] S. Sheu, K. A. Hua, and Y. Cai. On the optimality of degree of declustering. *Lecture Notes in Computer Science*, 1134:865–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitagawa:1996:DES

[1420] H. Kitagawa, N. Watanabe, and Y. Ishikawa. Design and evaluation of signature file organization incorporating vertical and horizontal decomposition schemes. *Lecture Notes in Computer Science*, 1134:875–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schweighofer:1996:AGH

[1421] E. Schweighofer and D. Scheithauer. The automatic generation of hypertext links in legal documents. *Lecture Notes in Computer Science*, 1134:889–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Si:1996:QPO

[1422] A. Si and H. V. Leong. Query processing and optimization for broadcast database. *Lecture Notes in Computer Science*, 1134:899–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tjoa:1996:DDE

[1423] A. M. Tjoa and R. R. Wagner. Developments in the database and expert systems applications domain. *Lecture Notes in Computer Science*, 1134:915–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cristian:1996:SGC

[1424] F. Cristian. On the semantics of group communication. *Lecture Notes in Computer Science*, 1135:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shankar:1996:UVP

[1425] N. Shankar. Unifying verification paradigms. *Lecture Notes in Computer Science*, 1135:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Holzmann:1996:FME

[1426] G. J. Holzmann. Formal methods for early fault detection. *Lecture Notes in Computer Science*, 1135:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maggiolo-Schettini:1996:RTS

[1427] A. Maggiolo-Schettini and A. Peron. Retiming techniques for statecharts. *Lecture Notes in Computer Science*, 1135:55–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maraninchi:1996:CAB

[1428] F. Maraninchi and N. Halbwachs. Compiling ARGOS into boleean equations. *Lecture Notes in Computer Science*, 1135:72–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paynter:1996:RTM

[1429] S. Paynter. Real-time mode-machines. *Lecture Notes in Computer Science*, 1135:90–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DArgenio:1996:CTA

[1430] P. R. D'Argenio and E. Brinksma. A calculus for timed automata. *Lecture Notes in Computer Science*, 1135:110–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Springintveld:1996:MTA

[1431] J. Springintveld and F. Vaandrager. Minimizable timed automata. *Lecture Notes in Computer Science*, 1135:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pandya:1996:WCI

[1432] P. K. Pandya. Weak chop inverses and liveness in mean-value calculus. *Lecture Notes in Computer Science*, 1135: 148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fraenzle:1996:SCD

[1433] M. Fraenzle. Synthesizing controllers from duration calculus. *Lecture Notes in Computer Science*, 1135:168–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hung:1996:SSD

[1434] D. V. Hung and P. H. Giang. Sampling semantics of duration calculus. *Lecture Notes in Computer Science*, 1135:188–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dierks:1996:PCV

[1435] H. Dierks. The production cell: a verified real-time system. *Lecture Notes in Computer Science*, 1135:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karsisto:1996:VDD

[1436] K. Karsisto and A. Valmari. Verification-driven development of a collision-avoidance protocol for the Ethernet. *Lecture Notes in Computer Science*, 1135:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choquet-Geniet:1996:ECS

[1437] A. Choquet-Geniet, D. Geniet, and F. Cottet. Exhaustive computation of the scheduled task execution sequences of a real-time application. *Lecture Notes in Computer Science*, 1135:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davoli:1996:SDF

[1438] R. Davoli, F. Tamburini, and L.-A. Giachini. Scheduling data flow programs in hard real-time environments. *Lecture Notes in Computer Science*, 1135:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Janowski:1996:DSP

[1439] T. Janowski and M. Joseph. Dynamic scheduling in the presence of faults: Specification and verification. *Lecture Notes in Computer Science*, 1135:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mei:1996:EBF

[1440] A. Mei, Y. Igarashi, and N. Shimizu. Efficient broadcasting on faulty star networks. *Lecture Notes in Computer Science*, 1135:298–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouajjani:1996:MCE

[1441] A. Bouajjani, Y. Lakhnech, and S. Yovine. Model-checking for extended timed temporal logics. *Lecture Notes in Computer Science*, 1135:306–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pagani:1996:POV

[1442] F. Pagani. Partial orders and verification of real-time systems. *Lecture Notes in Computer Science*, 1135:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Amadio:1996:TMT

[1443] R. M. Amadio and M. Dam. Toward a modal theory of types for the λ-calculus. *Lecture Notes in Computer Science*, 1135:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dietz:1996:GFR

[1444] C. Dietz. Graphical formalization of real-time requirements. *Lecture Notes in Computer Science*, 1135:366–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Katoen:1996:SRT

[1445] J.-P. Katoen, R. Langerak, D. Latella, and E. Brinksma. On specifying real-time systems in a causality-based setting. *Lecture Notes in Computer Science*, 1135:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Westhead:1996:VES

[1446] M. Westhead and S. Nadjm-Tehrani. Verification of embedded systems using synchronous observers. *Lecture Notes in Computer Science*, 1135:405–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBoer:1996:CRT

[1447] F. S. De Boer, H. Tej, W.-P. De Roever, and M. Van Hulst. Compositionality in real-time shared variable concurrency. *Lecture Notes in Computer Science*, 1135:420–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fowler:1996:FAR

[1448] S. Fowler and A. Wellings. Formal analysis of a real-time kernel specification. *Lecture Notes in Computer Science*, 1135:440–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biehl:1996:MDA

[1449] M. Biehl, N. Klarlund, and T. Rauhe. Mona: Decidable arithmetic in practice. *Lecture Notes in Computer Science*, 1135:459–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouali:1996:VSR

[1450] A. Bouali, J.-P. Marimorat, R. De Simone, and H. Toma. Verifying synchronous reactive systems programmed in ESTEREL. *Lecture Notes in Computer Science*, 1135:463–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huber:1996:ATD

[1451] F. Huber, B. Schaetz, A. Schmidt, and K. Spies. AutoFocus: a tool for distributed systems specification. *Lecture Notes in Computer Science*, 1135:467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bawa:1996:TTV

[1452] R. K. Bawa and E. Encrenaz. A tool for translation of VHDL descriptions into a formal model and its application to formal verification and synthesis. *Lecture Notes in Computer Science*, 1135:471–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marrero:1996:ETV

[1453] M. Marrero and A. Suarez. EVGC: a tool for visualizing LOTOS behavioural specifications. *Lecture Notes in Computer Science*, 1135:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sedgewick:1996:ASR

[1454] R. Sedgewick. Analysis of shellsort and related algorithms. *Lecture Notes in Computer Science*, 1136:1–11, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garg:1996:DC

[1455] A. Garg, R. Tamassia, and P. Vocca. Drawing with colors. *Lecture Notes in Computer Science*, 1136:12–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kirousis:1996:AUT

[1456] L. M. Kirousis, E. Kranakis, and D. Krizanc. Approximating the unsatisfiability threshold of random formulas. *Lecture Notes in Computer Science*, 1136:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schwiegelshohn:1996:PWC

[1457] U. Schwiegelshohn. Preemptive weighted completion time scheduling of parallel jobs. *Lecture Notes in Computer Science*, 1136:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gergov:1996:AAD

[1458] J. Gergov. Approximation algorithms for dynamic storage allocation. *Lecture Notes in Computer Science*, 1136:52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Trevisan:1996:PLP

[1459] L. Trevisan. Positive linear programming, parallel approximation and PCP's. *Lecture Notes in Computer Science*, 1136:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moehring:1996:SJC

[1460] R. H. Moehring, M. W. Schaeffter, and A. S. Schulz. Scheduling jobs with communication delays: Using infeasible solutions for approximation. *Lecture Notes in Computer Science*, 1136:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roura:1996:RST

[1461] S. Roura and C. Martinez. Randomization of search trees by subtree size. *Lecture Notes in Computer Science*, 1136:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferragina:1996:EDM

[1462] P. Ferragina and S. Muthukrishnan. Efficient dynamic method-lookup in object oriented languages. *Lecture Notes in Computer Science*, 1136:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raman:1996:PQS

[1463] R. Raman. Priority queues: Small, monotone and trans-dichotomous. *Lecture Notes in Computer Science*, 1136: 121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nolte:1996:SAP

[1464] A. Nolte and R. Schrader. Simulated annealing and its problems to color graphs. *Lecture Notes in Computer Science*, 1136:138–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khuller:1996:CCP

[1465] S. Khuller and Y. J. Sussmann. The capacitated k-center problem. *Lecture Notes in Computer Science*, 1136:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fujito:1996:ULR

[1466] T. Fujito. A unified local ratio approximation of node-deletion problem. *Lecture Notes in Computer Science*, 1136:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guha:1996:AAC

[1467] S. Guha and S. Khuller. Approximation algorithms for connected dominating sets. *Lecture Notes in Computer Science*, 1136:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frieze:1996:GAS

[1468] A. Frieze and W. Szpankowski. Greedy algorithms for the shortest common superstring that are asymptotically optimal. *Lecture Notes in Computer Science*, 1136:194–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsukiji:1996:DRG

[1469] T. Tsukiji and F. Xhafa. On the depth of randomly generated circuits. *Lecture Notes in Computer Science*, 1136: 208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Viola:1996:ALP

[1470] A. Viola and P. V. Poblete. The analysis of linear probing hashing with buckets. *Lecture Notes in Computer Science*, 1136:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:PAP

[1471] D. Z. Chen, W. Chen, K. Wada, and K. Kawaguchi. Parallel algorithms for partitioning sorted sets and related problems. *Lecture Notes in Computer Science*, 1136:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Czumaj:1996:FGR

[1472] A. Czumaj, P. Kanarek, M. Kutylowski, and K. Lorys. Fast generation of random permutations via networks simulation. *Lecture Notes in Computer Science*, 1136:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferragina:1996:PDD

[1473] P. Ferragina and F. Luccio. On the parallel dynamic dictionary matching problem: New results with application. *Lecture Notes in Computer Science*, 1136:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bodlaender:1996:PAS

[1474] H. L. Bodlaender and B. De Fluiter. Parallel algorithms for series parallel graphs. *Lecture Notes in Computer Science*, 1136:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leoncini:1996:PCH

[1475] M. Leoncini, G. Manzini, and L. Margara. Parallel complexity of Householder QR factorization. *Lecture Notes in Computer Science*, 1136:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Basch:1996:RRB

[1476] J. Basch, L. Guibas, and G. D. Ramkumar. Reporting red-blue intersections between two sets of connected line segments. *Lecture Notes in Computer Science*, 1136:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alt:1996:MCS

[1477] H. Alt, U. Fuchs, G. Rote, and G. Weber. Matching convex shapes with respect to the symmetric difference. *Lecture Notes in Computer Science*, 1136:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arkin:1996:MAH

[1478] E. M. Arkin, Y.-J. Chiang, M. Held, and J. S. B. Mitchell. On minimum-area hulls. *Lecture Notes in Computer Science*, 1136:334–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cherkassky:1996:NCD

[1479] B. V. Cherkassky and A. V. Goldberg. Negative cycle detection algorithms. *Lecture Notes in Computer Science*, 1136:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Watson:1996:NRG

[1480] B. W. Watson. A new regular grammar pattern matching algorithm. *Lecture Notes in Computer Science*, 1136:364–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaerkkaeinen:1996:LZI

[1481] J. Kaerkkaeinen and E. Sutinen. Lempel–Ziv index for q-grams. *Lecture Notes in Computer Science*, 1136: 378–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heckmann:1996:CUL

[1482] R. Heckmann and T. Lengauer. Computing upper and lower bounds on textile nesting problems. *Lecture Notes in Computer Science*, 1136:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alon:1996:LLA

[1483] N. Alon, J. Csirik, S. Sevast'janov, and A. P. A. Vestjens. On-line and off-line algorithms for vector covering. *Lecture Notes in Computer Science*, 1136:406–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Achlioptas:1996:CAR

[1484] D. Achlioptas, M. Chrobak, and J. Noga. Competitive analysis of randomized paging algorithms. *Lecture Notes in Computer Science*, 1136:419–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Awerbuch:1996:LCA

[1485] B. Awerbuch, Y. Azar, A. Fiat, and S. Leonardi. On-line competitive algorithms for call admission in optical networks. *Lecture Notes in Computer Science*, 1136:431–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klein:1996:RCD

[1486] P. N. Klein, H.-I. Lu, and R. H. B. Netzer. Race-condition detection in parallel computation with semaphores. *Lecture Notes in Computer Science*, 1136: 445–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaklamanis:1996:EWR

[1487] C. Kaklamanis and P. Persiano. Efficient wavelength routing on directed fiber trees. *Lecture Notes in Computer Science*, 1136:460–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ben-Aroya:1996:LBN

[1488] I. Ben-Aroya, D. D. Chinn, and A. Schuster. A lower bound for nearly minimal adaptive and hot potato algorithms. *Lecture Notes in Computer Science*, 1136:471–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Christopher:1996:SCD

[1489] G. Christopher, M. Farach, and M. A. Trick. The structure of circular decomposable metrics. *Lecture Notes in Computer Science*, 1136:486–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dessmark:1996:FAS

[1490] A. Dessmark, A. Lingas, and A. Proskurowski. Faster algorithms for subgraph isomorphism of k-connected partial k-trees. *Lecture Notes in Computer Science*, 1136:501–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arikati:1996:PSA

[1491] S. Arikati, D. Z. Chen, L. P. Chew, and G. Das. Planar spanners and approximate shortest path queries among obstacles in the plane. *Lecture Notes in Computer Science*, 1136:514–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Auletta:1996:NAO

[1492] V. Auletta, D. Parente, and P. Persiano. A new approach to optimal planning of robot motion on a tree with obstacles. *Lecture Notes in Computer Science*, 1136:529–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lopez-Ortiz:1996:GSR

[1493] A. Lopez-Ortiz and S. Schuierer. Generalized streets revisited. *Lecture Notes in Computer Science*, 1136:546–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadimitriou:1996:CAO

[1494] C. Papadimitriou. Computational aspects of organization theory. *Lecture Notes in Computer Science*, 1136:559–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bornscheuer:1996:RMN

[1495] S.-E Bornscheuer. Rational models of normal logic programs. *Lecture Notes in Computer Science*, 1137:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bornscheuer:1996:MPR

[1496] S.-E. Bornscheuer and T. Seiler. Massively parallel reasoning about actions. *Lecture Notes in Computer Science*, 1137:5–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aravindan:1996:DDL

[1497] C. Aravindan. DisLoP: a disjunctive logic programming system based on PROTEIN theorem prover. *Lecture Notes in Computer Science*, 1137:19–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Contzen:1996:AHG

[1498] M. Contzen and K. Moeller. Abstraction as a heuristic to guide planning. *Lecture Notes in Computer Science*, 1137:25–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denzinger:1996:ETP

[1499] J. Denzinger. Equational theorem proving using taxonomic constraints. *Lecture Notes in Computer Science*, 1137:29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Denzinger:1996:PDT

[1500] J. Denzinger and M. Kronenburg. Planning for distributed theorem proving: The teamwork approach. *Lecture Notes in Computer Science*, 1137:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dung:1996:RDD

[1501] Truong Quoc Dung. A revision of dependency-directed backtracking for JTMS. *Lecture Notes in Computer Science*, 1137:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ebersberger:1996:CIS

[1502] M. Ebersberger, J. Mueller, and H. Stahl. A compiler-interpreter-system for decoding the user's intention within a speech understanding application. *Lecture Notes in Computer Science*, 1137:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fronhoefer:1996:CRL

[1503] B. Fronhoefer. Cyclic rules in linear connection proofs. *Lecture Notes in Computer Science*, 1137:67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchs:1996:ONN

[1504] M. Fuchs and A. Abecker. Optimized nearest-neighbor classifiers using generated instances. *Lecture Notes in Computer Science*, 1137:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garrido-Luna:1996:TTD

[1505] L. Garrido-Luna and K. Sycara. Towards a totally distributed meeting scheduling system. *Lecture Notes in Computer Science*, 1137:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Habel:1996:RBC

[1506] C. Habel. Representations as basis of cognitive processes. *Lecture Notes in Computer Science*, 1137:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirschfeld:1996:IFT

[1507] D. Hirschfeld and H.-D. Maas. Improving the functionality of a text-to-speech system by adding morphological knowledge. *Lecture Notes in Computer Science*, 1137:103–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoos:1996:SHC

[1508] H. H. Hoos. Solving hard combinatorial problems with GSAT. *Lecture Notes in Computer Science*, 1137:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hutter:1996:URE

[1509] D. Hutter. Using rippling for equational reasoning. *Lecture Notes in Computer Science*, 1137:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jablonowski:1996:RAA

[1510] J. Jablonowski, W. Lukaszewicz, and E. Madalinska-Bugaj. Reasoning about action and change: Defeasible observations and actions with abnormal effects. *Lecture Notes in Computer Science*, 1137:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamp:1996:FCB

[1511] G. Kamp, P. Pirk, and H.-D. Burkhard. FALLDATEN: Case-based reasoning for the diagnosis of technical devices. *Lecture Notes in Computer Science*, 1137:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kasper:1996:IPG

[1512] W. Kasper and H.-U. Krieger. Integration of prosodic and grammatical information in the analysis of dialogs. *Lecture Notes in Computer Science*, 1137:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klopotek:1996:AGA

[1513] Mieczyslaw Alojzy Klopotek, S. T. Wierzchon, and M. Michalewicz. Application of a genetic algorithm for plausible justification of observations. *Lecture Notes in Computer Science*, 1137:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kraetzschmar:1996:MMC

[1514] G. K. Kraetzschmar and J. Schneeberger. Managing multiple contexts efficiently. *Lecture Notes in Computer Science*, 1137:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuechler:1996:ILS

[1515] A. Kuechler and C. Goller. Inductive learning in symbolic domains using structure-driven recurrent neural networks. *Lecture Notes in Computer Science*, 1137:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lakemeyer:1996:BRN

[1516] G. Lakemeyer and W. Lang. Belief revision in a nonclassical logic. *Lecture Notes in Computer Science*, 1137:199–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lange:1996:ACE

[1517] H. Lange, R. Moeller, and B. Neumann. Avoiding combinatorial explosion in automatic test generation: Reasoning about measurements is the key. *Lecture Notes in Computer Science*, 1137:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenz:1996:CRN

[1518] M. Lenz and H.-D Burkhard. Case retrieval nets: Basic ideas and extensions. *Lecture Notes in Computer Science*, 1137:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Linke:1996:PDL

[1519] T. Linke and T. Schaub. Putting default logics in perspective. *Lecture Notes in Computer Science*, 1137:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Margelisch:1996:EPK

[1520] A. Margelisch, B. Novotny, and U. Reimer. EULE2: a prototypical knowledge-based decision support system for the performance of office tasks. *Lecture Notes in Computer*

Science, 1137:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Melis:1996:WPT

[1521] E. Melis. When to prove theorems by analogy? *Lecture Notes in Computer Science*, 1137:259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meyer:1996:PKR

[1522] C.-H. Meyer and W. Roedder. Probabilistic knowledge representation and reasoning at maximum entropy by SPIRIT. *Lecture Notes in Computer Science*, 1137:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niemann:1996:KBI

[1523] H. Niemann, V. Fischer, D. Paulus, and J. Fischer. Knowledge based image understanding by iterative optimization. *Lecture Notes in Computer Science*, 1137:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oertel:1996:KOU

[1524] W. Oertel. Knowledge organization using the development system FAENSY. *Lecture Notes in Computer Science*, 1137:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Otten:1996:UPP

[1525] J. Otten and C. Kreitz. A uniform proof procedure for classical and non-classical logics. *Lecture Notes in Computer Science*, 1137:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pacholczyk:1996:QRU

[1526] D. Pacholczyk and G. Hunault. Qualitative reasoning under uncertainty with symbolic probabilities. *Lecture Notes in Computer Science*, 1137:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radzikowska:1996:NCA

[1527] A. Radzikowska. Narratives with concurrent actions: The mutual exclusion problem. *Lecture Notes in Computer Science*, 1137:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Russell:1996:TAA

[1528] S. Russell. Tools for autonomous agents. *Lecture Notes in Computer Science*, 1137:331–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sattler:1996:CLE

[1529] U. Sattler. A concept language extended with different kinds of transitive roles. *Lecture Notes in Computer Science*, 1137:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scheich:1996:RAC

[1530] H. Scheich. Representation in auditory cortex. *Lecture Notes in Computer Science*, 1137:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schnattinger:1996:TQC

[1531] K. Schnattinger and U. Hahn. A terminological qualification calculus for preferential reasoning under uncertainty. *Lecture Notes in Computer Science*, 1137:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Winiwarter:1996:SDU

[1532] W. Winiwarter, O. Kagawa, and Y. Kambayashi. Syntactic disambiguation by using categorial parsing in a DOOD framework. *Lecture Notes in Computer Science*, 1137:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wuertz:1996:CDR

[1533] J. Wuertz and T. Mueller. Constructive disjunction revisited. *Lecture Notes in Computer Science*, 1137:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scott:1996:SCT

[1534] D. S. Scott. Symbolic computation and teaching. *Lecture Notes in Computer Science*, 1138:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bauer:1996:AEC

[1535] A. Bauer, E. Clarke, and X. Zhao. Analytica — an experiment in combining theorem proving and symbolic computation. *Lecture Notes in Computer Science*, 1138:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Butler:1996:DRS

[1536] G. Butler, P. Grogoho, R. Shinghal, and I. Tjandra. Document recognition, semantics, and symbolic reasoning in reverse engineering of software. *Lecture Notes in Computer Science*, 1138:38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dargam:1996:CUL

[1537] F. C. C. Dargam. Compromised updates in labelled databases. *Lecture Notes in Computer Science*, 1138:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roanes-Lozano:1996:IEP

[1538] E. Roanes-Lozano, L. M. Laita, and E. Roanes-Macias. An inference engine for propositional two-valued logic based on the radical membership problem. *Lecture Notes in Computer Science*, 1138:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dillmann:1996:PDM

[1539] R. Dillmann and H. Friedrich. Programming by demonstration: a machine learning approach to support skill acquisition for robots. *Lecture Notes in Computer Science*, 1138:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reinhart:1996:KBI

[1540] G. Reinhart, R. Diesch, and M. R. Koch. Knowledge-based information processing in manufacturing cells — the present and the future. *Lecture*

Notes in Computer Science, 1138:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cohn:1996:CQS

[1541] A. G. Cohn. Calculi for qualitative spatial reasoning. *Lecture Notes in Computer Science*, 1138:124–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benhamou:1996:CLC

[1542] F. Benhamou and L. Granvilliers. Combining local consistency, symbolic rewriting and interval methods. *Lecture Notes in Computer Science*, 1138: 144–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buendgen:1996:PTN

[1543] R. Buendgen. Proof transformation for non-compatible rewriting. *Lecture Notes in Computer Science*, 1138:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lynch:1996:PGE

[1544] C. Lynch and P. Strogova. PATCH graphs: An efficient data structure for completion of finitely presented groups. *Lecture Notes in Computer Science*, 1138:176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dupee:1996:MLE

[1545] B. J. Dupee. Measuring the likely effectiveness of strategies. *Lecture Notes in Computer Science*, 1138:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rodosek:1996:NAS

[1546] R. Rodosek. A new approach on solving 3-Satisfiability. *Lecture Notes in Computer Science*, 1138:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:GMA

[1547] D. Wang. Geometry machines: From artificial intelligence to symbolic mathematical computation. *Lecture Notes in Computer Science*, 1138:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ueberberg:1996:ITP

[1548] J. Ueberberg. Interactive theorem proving and finite projective planes. *Lecture Notes in Computer Science*, 1138:240–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Joswig:1996:TMT

[1549] M. Joswig. Towards modelling the topology of homogeneous manifolds by means of symbolic computation. *Lecture Notes in Computer Science*, 1138: 258–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouhineau:1996:SGC

[1550] D. Bouhineau. Solving geometrical constraint systems using CLP based on linear constraint solver. *Lecture Notes in Computer Science*, 1138:274–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sofronie:1996:TSS

[1551] V. Sofronie. Towards a sheaf semantics for cooperating agents scenarios. *Lecture Notes in Computer Science*, 1138:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Telerman:1996:DTS

[1552] V. Telerman and D. Ushakov. Data types in subdefinite models. *Lecture Notes in Computer Science*, 1138:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andrianarivelo:1996:TPH

[1553] N. Andrianarivelo, W. Bousdira, and J.-M. Talbot. On theorem-proving in Horn theories with built-in algebras. *Lecture Notes in Computer Science*, 1138:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eder:1996:BRS

[1554] E. Eder. Backward reasoning in systems with cut. *Lecture Notes in Computer Science*, 1138:339–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plaza:1996:SCV

[1555] J. A. Plaza. Soundness and completeness versus lifting property. *Lecture Notes in Computer Science*, 1138:354–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gavilanes:1996:RPD

[1556] A. Gavilanes, J. Leach, P. J. Martin, and S. Nieva. Reasoning with preorders and dynamic sorts using free variable tableaux. *Lecture Notes in Computer Science*, 1138:365–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alouini:1996:TCI

[1557] I. Alouini and C. Kirchner. Toward the concurrent implementation of computational systems. *Lecture Notes in Computer Science*, 1139:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DiPierro:1996:NI

[1558] A. Di Pierro and W. Drabent. On negation as instantiation. *Lecture Notes in Computer Science*, 1139:32–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

GarciadelaBanda:1996:IDS

[1559] M. Garcia de la Banda, M. Hermenegildo, and K. Marriott. Independence in dynamically scheduled logic languages. *Lecture Notes in Computer Science*, 1139:47–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benhamou:1996:HCS

[1560] F. Benhamou. Heterogeneous constraint solving. *Lecture Notes in Computer Science*, 1139:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fages:1996:HSN

[1561] F. Fages and R. Gori. A hierarchy of semantics for normal constraint logic programs. *Lecture Notes in Computer Science*, 1139:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oelveczky:1996:OST

[1562] P. C. Oelveczky and O. Lysne. Order-sorted termination: The unsorted way. *Lecture Notes in Computer Science*, 1139:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marchiori:1996:UUP

[1563] M. Marchiori. Unravelings and ultra-properties. *Lecture Notes in Computer Science*, 1139:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suzuki:1996:STR

[1564] T. Suzuki. Standardization theorem revisited. *Lecture Notes in Computer Science*, 1139:122–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Khasidashvili:1996:DNS

[1565] Z. Khasidashvili and J. Glauert. Discrete normalization and standardization in deterministic residual structures. *Lecture Notes in Computer Science*, 1139:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caires:1996:LLS

[1566] L. Caires. A language for the logical specification of processes and relations. *Lecture Notes in Computer Science*, 1139:150–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brim:1996:PAS

[1567] L. Brim, D. Gilbert, J.-M. Jacquet, and M. Kretinsky. A process algebra for synchronous concurrent constraint programming. *Lecture Notes in Computer Science*, 1139:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ancona:1996:AAM

[1568] D. Ancona and E. Zucca. An algebraic approach to mixins and modularity. *Lecture Notes in Computer Science*, 1139:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fassbender:1996:SBD

[1569] H. Fassbender and S. Maneth. A strict border for the decidability of E-unification for recursive functions. *Lecture Notes in Computer Science*, 1139: 194–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marchiori:1996:PFA

[1570] E. Marchiori. Prime factorizations of abstract domains using first order logic. *Lecture Notes in Computer Science*, 1139:209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Volpe:1996:AUP

[1571] P. Volpe. Abstractions of uniform proofs. *Lecture Notes in Computer Science*, 1139:224–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giacobazzi:1996:CLP

[1572] R. Giacobazzi and F. Ranzato. Complementing logic program semantics. *Lecture Notes in Computer Science*, 1139:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kennaway:1996:MTR

[1573] R. Kennaway, V. Van Oostrom, and F.-J. De Vries. Meaningless terms in rewriting. *Lecture Notes in Computer Science*, 1139:254–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferreira:1996:LCE

[1574] M. C. F. Ferreira, D. Kesner, and L. Puel. lambda-calculi with explicit substitutions and composition which preserve ?-strong normalization. *Lecture Notes in Computer Science*, 1139: 284–298, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Almendros-Jimenez:1996:ASF

[1575] J. M. Almendros-Jimenez, A. Gavilanes-Franco, and A. Gil-Luezas. Algebraic semantics for functional logic programming with polymorphic order-sorted types. *Lecture Notes in Computer Science*, 1139:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nazareth:1996:STS

[1576] D. Nazareth. Specifying type systems. *Lecture Notes in Computer Science*, 1139:314–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nazareth:1996:STP

[1577] D. Nazareth. The semantic treatment of polymorphic specification languages. *Lecture Notes in Computer Science*, 1139:330–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meertens:1996:CP

[1578] L. Meertens. Calculate polytypically! *Lecture Notes in Computer Science*, 1140:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kahrs:1996:LMD

[1579] S. Kahrs. Limits of ML-Definability. *Lecture Notes in Computer Science*, 1140:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belle:1996:FM

[1580] G. Belle, C. B. Jay, and E. Moggi. Functorial ML. *Lecture Notes in Computer Science*, 1140:32–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Louvet:1996:PPT

[1581] P. Louvet and O. Ridoux. Parametric polymorphism for typed Prolog and lambda-Prolog. *Lecture Notes in Computer Science*, 1140:47–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mateos-Lago:1996:GAS

[1582] J. Mateos-Lago and M. Rodriguez-Artalejo. GOTA algebras: a specification formalism for inheritance and object hierarchies. *Lecture Notes in Computer Science*, 1140:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

GarciadelaBanda:1996:TIP

[1583] M. Garcia de la Banda, F. Bueno, and M. Hermenegildo. Towards independent And-parallelism in CLP. *Lecture Notes in Computer Science*, 1140:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weyer:1996:ASS

[1584] G. Weyer and W. Winsborough. Annotated structure shape graphs for abstract analysis of Prolog. *Lecture Notes in Computer Science*, 1140:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bagnara:1996:RIP

[1585] R. Bagnara. A reactive implementation of Pos using ROBDDs. *Lecture Notes in Computer Science*, 1140:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parigot:1996:DAG

[1586] D. Parigot, G. Roussel, M. Jourdan, and E. Duris. Dynamic attribute grammars. *Lecture Notes in Computer Science*, 1140:122–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leuschel:1996:LPS

[1587] M. Leuschel and D. De Schreye. Logic program specialisation: How to be more specific. *Lecture Notes in Computer Science*, 1140:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glueck:1996:CCP

[1588] R. Glueck, J. Joergensen, B. Martens, and M. H. Soerensen. Controlling conjunctive partial deduction. *Lecture Notes in Computer Science*, 1140:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeFrancesco:1996:UFT

[1589] N. De Francesco and A. Santone. Unfold/fold transformations of concurrent processes. *Lecture Notes in Computer Science*, 1140:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Danvy:1996:SBC

[1590] O. Danvy and R. Vestergaard. Semantics-based compiling: a case study in type-directed partial evaluation. *Lecture Notes in Computer Science*, 1140:182–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thiemann:1996:IMP

[1591] P. Thiemann. Implementing memoization for partial evaluation. *Lecture Notes in Computer Science*, 1140:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamilton:1996:HOD

[1592] G. W. Hamilton. Higher order deforestation. *Lecture Notes in Computer Science*, 1140:213–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kessler:1996:SED

[1593] C. W. Kessler. Scheduling expression DAGs for minimal register need. *Lecture Notes in Computer Science*, 1140: 228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freire:1996:BDF

[1594] J. Freire, T. Swift, and D. S. Warren. Beyond depth-first: Improving tabled logic programs through alternative scheduling strategies. *Lecture Notes in Computer Science*, 1140:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:PSN

[1595] X. Li. Program sharing: a new implementation approach for Prolog. *Lecture Notes in Computer Science*, 1140: 259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gorlatch:1996:SEI

[1596] S. Gorlatch. Systematic extraction and implementation of divide-and-conquer parallelism. *Lecture Notes in Computer Science*, 1140:274–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Galan:1996:FSG

[1597] L. A. Galán, C. Pareja, and R. Peña. Functional skeletons generate process topologies in Eden. *Lecture Notes in Computer Science*, 1140:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gehrke:1996:PLE

[1598] T. Gehrke and M. Huhn. ProFun — A language for executable specifications. *Lecture Notes in Computer Science*, 1140:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez:1996:TRG

[1599] M. Fernandez and I. Mackie. From term rewriting to generalised interaction nets. *Lecture Notes in Computer Science*, 1140:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aponte:1996:TIM

[1600] M.-V. Aponte and R. Di Cosmo. Type isomorphisms for module signatures. *Lecture Notes in Computer Science*, 1140:334–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruggieri:1996:DLP

[1601] S. Ruggieri. Decidability of logic program semantics and applications to testing. *Lecture Notes in Computer Science*, 1140:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scholz:1996:PUP

[1602] E. Scholz. PIDGETS — unifying pictures and widgets in a constraint-based framework for concurrent functional GUI programming. *Lecture Notes in Computer Science*, 1140:363–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamareddine:1996:GRE

[1603] F. Kamareddine and A. Rios. Generalized-reduction and explicit substitution. *Lecture Notes in Computer Science*, 1140:378–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Benaissa:1996:MSR

[1604] Z.-E.-A. Benaissa, P. Lescanne, and K. Hoegsbro Rose. Modeling sharing and recursion for weak reduction strategies using explicit substitution. *Lecture Notes in Computer Science*, 1140:393–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lucas:1996:CSC

[1605] S. Lucas. Context-sensitive computations in confluent programs. *Lecture Notes in Computer Science*, 1140:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stuckey:1996:MUS

[1606] P. J. Stuckey and V. Tam. Models for using stochastic constraint solvers in constraint logic programming. *Lecture Notes in Computer Science*, 1140:423–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanRoy:1996:IER

[1607] P. Van Roy, M. Mehl, and R. Scheidhauer. Integrating efficient records into concurrent constraint programming. *Lecture Notes in Computer Science*, 1140:438–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liu:1996:LDD

[1608] M. Liu. The LOL deductive database programming language. *Lecture Notes in Computer Science*, 1140:454–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fecht:1996:EPS

[1609] C. Fecht. An efficient and precise sharing domain for logic programs. *Lecture Notes in Computer Science*, 1140:469–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1996:CTC

[1610] Z. Hu, H. Iwasaki, and M. Takeichi. Cheap tupling in calculational form. *Lecture Notes in Computer Science*, 1140:471–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Antoy:1996:NNP

[1611] S. Antoy. Needed narrowing in Prolog. *Lecture Notes in Computer Science*, 1140:473–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puebla:1996:AOD

[1612] G. Puebla and M. Hermenegildo. Automatic optimization of dynamic scheduling in logic programs. *Lecture Notes in Computer Science*, 1140:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schulte:1996:OEV

[1613] C. Schulte. Oz Explorer: a visual constraint programming tool. *Lecture*

Notes in Computer Science, 1140:477–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agapow:1996:CBE

[1614] P.-M. Agapow. Computational brittleness and the evolution of computer viruses. *Lecture Notes in Computer Science*, 1141:2–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bull:1996:ECM

[1615] L. Bull and T. C. Fogarty. Evolutionary computing in multi-agent environments: Speciation and symbiogenesis. *Lecture Notes in Computer Science*, 1141:12–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herdy:1996:ESS

[1616] M. Herdy. Evolution strategies with subjective selection. *Lecture Notes in Computer Science*, 1141:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Iba:1996:ECM

[1617] H. Iba. Emergent cooperation for multiple agents using genetic programming. *Lecture Notes in Computer Science*, 1141:32–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jacob:1996:EPE

[1618] C. Jacob. Evolution programs evolved. *Lecture Notes in Computer Science*, 1141:42–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jakobi:1996:ESI

[1619] N. Jakobi. Encoding scheme issues for open-ended artificial evolution. *Lecture Notes in Computer Science*, 1141:52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Murakawa:1996:HEF

[1620] M. Murakawa, S. Yoshizawa, I. Kajitani, and T. Furuya. Hardware evolution at function level. *Lecture Notes in Computer Science*, 1141:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paredis:1996:CLT

[1621] J. Paredis. Coevolutionary life-time learning. *Lecture Notes in Computer Science*, 1141:72–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ronge:1996:GPC

[1622] A. Ronge and M. G. Nordahl. Genetic programs and co-evolution: Developing robust general purpose controllers using local mating in 2-dimensional populations. *Lecture Notes in Computer Science*, 1141:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Spirov:1996:SAG

[1623] A. V. Spirov. Self-assemblage of gene nets in evolution via recruiting of new netters. *Lecture Notes in Computer Science*, 1141:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1996:SIR

[1624] A. S. Wu and R. K. Lindsay. A survey of Intron research in genetics. *Lecture Notes in Computer Science*, 1141:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asselmeyer:1996:ANI

[1625] T. Asselmeyer, W. Ebeling, and H. Rose. Analytical and numerical investigations of evolutionary algorithms in continuous spaces. *Lecture Notes in Computer Science*, 1141:112–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beyer:1996:ABM

[1626] H.-G. Beyer. On the asymptotic behavior of multirecombinant evolution strategies. *Lecture Notes in Computer Science*, 1141:122–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoehn:1996:LPP

[1627] C. Hoehn and C. Reeves. Are long path problems hard for genetic algorithms. *Lecture Notes in Computer Science*, 1141:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Iba:1996:RTG

[1628] H. Iba. Random tree generation for genetic programming. *Lecture Notes in Computer Science*, 1141:144–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jelasity:1996:IFG

[1629] M. Jelasity and J. Dombi. Implicit formae in genetic algorithms. *Lecture Notes in Computer Science*, 1141:154–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Menon:1996:PDA

[1630] A. Menon, K. Mehrotra, C. K. Mohan, and S. Ranka. A probabilistic database approach to the analysis of genetic algorithms. *Lecture Notes in Computer Science*, 1141:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Molgedey:1996:MFA

[1631] L. Molgedey. Mean field analysis of tournament selection on a random manifold. *Lecture Notes in Computer Science*, 1141:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Muehlenbein:1996:RGEa

[1632] H. Muehlenbein and G. Paass. From recombination of genes to the estimation of distributions: I. binary parameters. *Lecture Notes in Computer Science*, 1141:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Muehlenbein:1996:RGEb

[1633] H. Muehlenbein, J. Bendisch, and H.-M Voigt. From recombination of genes to the estimation of distributions: II. continuous parameters. *Lecture Notes in Computer Science*, 1141:188–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rana:1996:SPN

[1634] S. Rana, L. D. Whitley, and R. Cogswell. Searching in the presence of noise. *Lecture Notes in Computer Science*, 1141:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rose:1996:DSM

[1635] H. Rose, W. Ebeling, and T. Asselmeyer. The density of states — A measure of the difficulty of optimisation problems. *Lecture Notes in Computer Science*, 1141:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rudolph:1996:IEA

[1636] G. Rudolph. On interactive evolutionary algorithms and stochastic mealy automata. *Lecture Notes in Computer Science*, 1141:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salomon:1996:IDC

[1637] R. Salomon. The influence of different coding schemes on the computational complexity of genetic algorithms in function optimization. *Lecture Notes in Computer Science*, 1141:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sarma:1996:AEN

[1638] J. Sarma and K. De Jong. An analysis of the effects of neighborhood size and shape on local selection algorithms. *Lecture Notes in Computer Science*, 1141:236–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schoenauer:1996:ECE

[1639] M. Schoenauer and Z. Michalewicz. Evolutionary computation at the edge of feasibility. *Lecture Notes in Computer Science*, 1141:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thierens:1996:DAA

[1640] D. Thierens. Dimensional analysis of allele-wise mixing revisited. *Lecture Notes in Computer Science*, 1141:255–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voget:1996:GDS

[1641] S. Voget. Gaussian diffusion in a simple genetic algorithm. *Lecture Notes in Computer Science*, 1141:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voigt:1996:ETS

[1642] H.-M. Voigt and H. Muehlenbein. Erroneous truncation selection — A breeder's decision making perspective. *Lecture Notes in Computer Science*, 1141:276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asveren:1996:NCM

[1643] T. Asveren and P. Molitor. New crossover methods for sequencing problems. *Lecture Notes in Computer Science*, 1141:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Banzhaf:1996:EEU

[1644] W. Banzhaf, F. D. Francone, and P. Nordin. The effect of extensive use of the mutation operator on generalization in genetic programming using sparse data sets. *Lecture Notes in Computer Science*, 1141:300–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bierwirth:1996:PRS

[1645] C. Bierwirth, D. C. Mattfeld, and H. Kopfer. On permutation representations for scheduling problems. *Lecture Notes in Computer Science*, 1141: 310–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eiben:1996:MPN

[1646] A. E. Eiben and C. A. Schippers. Multi-parent's niche: n-ary crossovers on NK-Landscapes. *Lecture Notes in Computer Science*, 1141:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghozeil:1996:PID

[1647] A. Ghozeil and D. B. Fogel. A preliminary investigation into directed mutations in evolutionary algorithms. *Lecture Notes in Computer Science*, 1141: 329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Herrera:1996:HCR

[1648] F. Herrera and M. Lozano. Heuristic crossovers for real-coded genetic algorithms based on fuzzy connectives. *Lecture Notes in Computer Science*, 1141:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kappler:1996:EAI

[1649] C. Kappler. Are evolutionary algorithms improved by large mutations. *Lecture Notes in Computer Science*, 1141:346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sebag:1996:MIB

[1650] M. Sebag and M. Schoenauer. Mutation by imitation in Boolean evolution strategies. *Lecture Notes in Computer Science*, 1141:356–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Surry:1996:FAF

[1651] P. D. Surry and N. J. Radcliffe. Formal algorithms + formal representations = search strategies. *Lecture Notes in Computer Science*, 1141:366–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vavak:1996:GAV

[1652] F. Vavak, T. C. Fogarty, and K. Jukes. A genetic algorithm with variable range of local search for tracking changing environments. *Lecture Notes in Computer Science*, 1141:376–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Born:1996:ESA

[1653] J. Born. An evolution strategy with adaptation of the step sizes by a variance function. *Lecture Notes in Computer Science*, 1141:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Darwen:1996:ENM

[1654] P. Darwen and X. Yao. Every niching method has its niche: Fitness sharing and implicit sharing compared. *Lecture Notes in Computer Science*, 1141: 398–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

East:1996:EID

[1655] I. R. East and J. Rowe. Effects of isolation in a distributed population genetic algorithm. *Lecture Notes in Computer Science*, 1141:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hinterding:1996:SAG

[1656] R. Hinterding, Z. Michalewicz, and T. C. Peachey. Self-adaptive genetic algorithm for numeric functions. *Lecture Notes in Computer Science*, 1141: 420–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pedroso:1996:NSE

[1657] J. P. Pedroso. Niche search: An evolutionary algorithm for global optimisation. *Lecture Notes in Computer Science*, 1141:430–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:APE

[1658] J. E. Smith and T. C. Fogarty. Adaptive parameterised evolutionary systems: Self adaptive recombination and mutation in a genetic algorithm. *Lecture Notes in Computer Science*, 1141: 441–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turner:1996:OMD

[1659] A. Turner, D. Corne, G. Ritchie, and P. Ross. Obtaining multiple distinct solutions with genetic algorithm niching methods. *Lecture Notes in Computer Science*, 1141:451–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tuson:1996:CBO

[1660] A. Tuson and P. Ross. Cost based operator rate adaption: An investigation. *Lecture Notes in Computer Science*, 1141:461–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collard:1996:GAR

[1661] P. Collard, C. Escazut, and A. Gaspar. Genetic algorithms and relational landscapes. *Lecture Notes in Computer Science*, 1141:472–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Forsyth:1996:IIO

[1662] R. S. Forsyth. IOGA: An instance-oriented genetic algorithm. *Lecture Notes in Computer Science*, 1141:482–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanKemenade:1996:EFB

[1663] K. C. H. M. Van Kemenade. Explicit filtering of building blocks for genetic algorithms. *Lecture Notes in Computer Science*, 1141:494–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kita:1996:MOO

[1664] H. Kita, Y. Yabumoto, N. Mori, and Y. Nishikawa. Multi-objective optimization by means of the thermodynamical genetic algorithm. *Lecture Notes in Computer Science*, 1141:504–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mori:1996:ACE

[1665] N. Mori, H. Kita, and Y. Nishikawa. Adaption to a changing environment by means of the thermodynamical genetic algorithm. *Lecture Notes in Computer Science*, 1141:513–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parmee:1996:DDA

[1666] I. C. Parmee. The development of a dual-agent strategy for efficient search across whole system engineering design hierarchies. *Lecture Notes in Computer Science*, 1141:523–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schoneveld:1996:PCG

[1667] A. Schoneveld, J. F. De Ronde, P. M. A. Sloot, and J. A. Kaandorp. A parallel cellular genetic algorithm used in finite element simulation. *Lecture Notes in Computer Science*, 1141:533–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsutsui:1996:RSS

[1668] S. Tsutsui, A. Ghosh, and Y. Fujimoto. A robust solution searching scheme in genetic search. *Lecture Notes in Computer Science*, 1141:543–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernier:1996:SMM

[1669] J. L. Bernier, C. I. Herraiz, J. J. Merelo, and S. Olmeda. Solving master mind using GAs and simulated annealing: a case of dynamic constraint optimization. *Lecture Notes in Computer Science*, 1141:554–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blickle:1996:ECS

[1670] T. Blickle. Evolving compact solutions in genetic programming. *Lecture Notes in Computer Science*, 1141:564–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duvivier:1996:CNH

[1671] D. Duvivier, P. Preux, and E.-G. Talbi. Climbing up NP-Hard hills. *Lecture Notes in Computer Science*, 1141:574–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fonseca:1996:PAC

[1672] C. M. Fonseca and P. J. Fleming. On the performance assessment and comparison of stochastic multiobjective optimizers. *Lecture Notes in Computer Science*, 1141:584–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lagus:1996:PGN

[1673] K. Lagus, I. Karanta, and J. Ylae-Jaeaeski. Paginating the generalized newspaper — A comparison of simulated annealing and a heuristic method. *Lecture Notes in Computer Science*, 1141:594–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McIlhagga:1996:COT

[1674] M. McIlhagga, P. Husbands, and R. Ives. A comparison of optimization techniques for integrated manufacturing planning and scheduling. *Lecture Notes in Computer Science*, 1141:604–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McIlhagga:1996:CST

[1675] M. McIlhagga, P. Husbands, and R. Ives. A comparison of search techniques on a wing-box optimisation problem. *Lecture Notes in Computer Science*, 1141:614–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neubauer:1996:CSE

[1676] A. Neubauer. A comparative study of evolutionary algorithms for on-line parameter tracking. *Lecture Notes in Computer Science*, 1141:624–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeck:1996:MUG

[1677] T. Baeck, H. Doernemann, U. Hammel, and P. Frankhauser. Modeling urban growth by cellular automata. *Lecture Notes in Computer Science*, 1141: 636–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dittes:1996:DOD

[1678] F.-M. Dittes. Democratic optimization for discrete and continuous systems. *Lecture Notes in Computer Science*, 1141:646–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dorigo:1996:SSP

[1679] M. Dorigo and L. M. Gambardella. A study of some properties of Ant-Q. *Lecture Notes in Computer Science*, 1141:656–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ishiguro:1996:IIA

[1680] A. Ishiguro, T. Kondo, Y. Watanabe, and Y. Uchikawa. Immunoid: An immunological approach to decentralized behavior arbitration of autonomous mobile robots. *Lecture Notes in Computer Science*, 1141:666–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pelillo:1996:PED

[1681] M. Pelillo and I. M. Bomze. Parallelizable evolutionary dynamics principles for solving the maximum clique problem. *Lecture Notes in Computer Science*, 1141:676–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rudolph:1996:SLS

[1682] G. Rudolph and J. Sprave. Significance of locality and selection pressure in the Grand Deluge Evolutionary Algorithm. *Lecture Notes in Computer Science*, 1141:686–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zauner:1996:PCD

[1683] K.-P. Zauner and M. Conrad. Parallel computing with DNA: Toward the anti-universal machine. *Lecture Notes in Computer Science*, 1141:696–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carse:1996:TCD

[1684] B. Carse and T. C. Fogarty. Tackling the "curse of dimensionality" of radial basis function neural networks using a genetic algorithm. *Lecture Notes in Computer Science*, 1141:710–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cordon:1996:TSM

[1685] O. Cordon, F. Herrera, and M. Lozano. A three-stage method for designing genetic fuzzy systems by learning from examples. *Lecture Notes in Computer Science*, 1141:720–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Drechsler:1996:LHO

[1686] R. Drechsler, N. Goeckel, and B. Becker. Learning heuristics for OBDD minimization by evolutionary algorithms. *Lecture Notes in Computer Science*, 1141:730–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Galic:1996:IGP

[1687] E. Galic and M. Hoehfeld. Improving the generalization performance of multi-layer-perceptrons with population-based incremental learning. *Lecture Notes in Computer Science*, 1141:740–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hondo:1996:RGR

[1688] N. Hondo, H. Iba, and Y. Kakazu. Robust GP in robot learning. *Lecture Notes in Computer Science*, 1141:751–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Iwata:1996:PRS

[1689] M. Iwata, I. Kajitani, H. Yamada, and H. Iba. A pattern recognition system using evolvable hardware. *Lecture Notes in Computer Science*, 1141:761–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stepniewski:1996:TDF

[1690] S. W. Stepniewski and A. J. Keane. Topology design of feedforward neural networks by genetic algorithms. *Lecture Notes in Computer Science*, 1141: 771–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sullivan:1996:ESL

[1691] C. C. W. Sullivan and A. G. Pipe. An evolution strategy for on-line optimisation of dynamic objective functions. *Lecture Notes in Computer Science*, 1141:781–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corno:1996:ECS

[1692] F. Corno, P. Prinetto, M. Rebaudengo, and M. S. Reorda. Exploiting competing subpopulations for automatic generation of test sequences for digital cicuits. *Lecture Notes in Computer Science*, 1141:792–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dorne:1996:CHE

[1693] R. Dorne and J.-K. Hao. Constraint handling in evolutionary search: a case study of the frequency assignment. *Lecture Notes in Computer Science*, 1141:801–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hillermeier:1996:AGA

[1694] C. Hillermeier and J. Keppler. An application of genetic algorithms and neural networks to scheduling power generating systems. *Lecture Notes in Computer Science*, 1141:811–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jakumeit:1996:EAC

[1695] J. Jakumeit. Evolutionary algorithms for the calculation of electron distributions in Si-MOSFETs. *Lecture Notes in Computer Science*, 1141:819–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kappler:1996:RNP

[1696] C. Kappler, T. Baeck, J. Heistermann, and A. Van Der Velde. Refueling of a nuclear power plant: Comparison of a naive and a specialized mutation operator. *Lecture Notes in Computer Science*, 1141:829–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lienig:1996:GAA

[1697] J. Lienig and J. P. Cohoon. Genetic algorithms applied to the physical design of VLSI circuits: a survey. *Lecture Notes in Computer Science*, 1141:839–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rogenmoser:1996:SMT

[1698] R. Rogenmoser, H. Kaeslin, and T. Blickle. Stochastic methods for transistor size optimization of CMOS VLSI circuits. *Lecture Notes in Computer Science*, 1141:849–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schnecke:1996:APG

[1699] V. Schnecke and O. Vornberger. An adaptive parallel genetic algorithm for VLSI-Layout optimization. *Lecture Notes in Computer Science*, 1141:859–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alba:1996:GAP

[1700] E. Alba and J. M. Troya. Genetic algorithms for protocol validation. *Lecture Notes in Computer Science*, 1141:870–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bilchev:1996:CHF

[1701] G. Bilchev and I. Parmee. Constraint handling for the fault coverage code generation problem: An inductive evolutionary approach. *Lecture Notes in Computer Science*, 1141:880–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freisleben:1996:NGL

[1702] B. Freisleben and P. Merz. New genetic local search operators for the traveling salesman problem. *Lecture Notes in Computer Science*, 1141:890–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hu:1996:EAH

[1703] X. Hu, G. W. Greenwood, and J. G. D'Ambrosio. An evolutionary approach to hardware/software partitioning. *Lecture Notes in Computer Science*, 1141:900–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanKemenade:1996:EAT

[1704] K. C. H. M. Van Kemenade, J. M. Van Den Akker, and J. N. Kok. Evolutionary air traffic flow management for large 3D-problems. *Lecture Notes in Computer Science*, 1141:910–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Munetomo:1996:GBD

[1705] M. Munetomo, Y. Takai, and Y. Sato. Genetic-based dynamic load balancing: Implementation and evaluation. *Lecture Notes in Computer Science*, 1141: 920–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niemeyer:1996:PSG

[1706] G. Niemeyer and P. Shiroma. Production scheduling with genetic algorithms and simulation. *Lecture Notes in Computer Science*, 1141:930–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schweitzer:1996:NOU

[1707] F. Schweitzer, W. Ebeling, H. Rose, and O. Weiss. Network optimization using evolutionary strategies. *Lecture Notes in Computer Science*, 1141:940–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sipper:1996:CEP

[1708] M. Sipper and M. Tomassini. Coevolving parallel random number generators. *Lecture Notes in Computer Science*, 1141:950–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yamada:1996:SGL

[1709] T. Yamada and R. Nakano. Scheduling by genetic local search with multi-step crossover. *Lecture Notes in Computer Science*, 1141:960–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beiersdoerfer:1996:FCO

[1710] S. Beiersdoerfer, J. Schmitt, M. Sauer, and A. Schulz. Finding the conformation of organic molecules with genetic algorithms. *Lecture Notes in Computer Science*, 1141:972–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeFalco:1996:IPB

[1711] I. De Falco, A. Della Cioppa, R. Del Balio, and E. Tarantino. Investigating a parallel breeder genetic algorithm on the inverse aerodynamic design. *Lecture Notes in Computer Science*, 1141:982–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fujimoto:1996:EDL

[1712] Y. Fujimoto, M. Nishiguchi, K. Nomoto, and K. Takahashi. An evolutionary design for f-lenses. *Lecture Notes in Computer Science*, 1141:992–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gross:1996:OHE

[1713] B. Gross, U. Hammel, P. Maldaner, and A. Meyer. Optimization of heat exchanger networks by means of evolution strategies. *Lecture Notes in Computer Science*, 1141:1002–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:IPP

[1714] Dae Gyu Kim, D. Corne, and P. Ross. Industrial plant pipe-route optimisation with genetic algorithms. *Lecture Notes in Computer Science*, 1141:1012–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gorges-Schleuter:1996:EAD

[1715] M. Gorges-Schleuter, W. Jakob, S. Meinzer, and A. Quinte. An evolutionary algorithm for design optimization of microsystems. *Lecture Notes in Computer Science*, 1141:1022–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Richards:1996:LCS

[1716] R. A. Richards and S. D. Sheppard. A learning classifier system for three-dimensional shape optimization. *Lecture Notes in Computer Science*, 1141:1032–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weinhardt:1996:PPS

[1717] M. Weinhardt. Portable pipeline synthesis for FCCMs. *Lecture Notes in Computer Science*, 1142:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Legl:1996:PDT

[1718] C. Legl, K. Eckl, and B. Wurth. Performance-directed technology mapping for LUT-Based FPGAs — what role do decomposition and covering play? *Lecture Notes in Computer Science*, 1142:14–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luk:1996:FDP

[1719] W. Luk, S. Guo, N. Shirazi, and N. Zhuang. A framework for developing parametrised FPGA libraries. *Lecture Notes in Computer Science*, 1142: 24–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miyazaki:1996:FCE

[1720] T. Miyazaki, A. Tsutsui, K. Ishii, and N. Ohta. FACT: Co-evaluation environment for FPGA architecture and CAD system. *Lecture Notes in Computer Science*, 1142:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stohmann:1996:UCA

[1721] J. Stohmann and E. Barke. An universal CLA adder generator for SRAM-Based FPGAs. *Lecture Notes in Computer Science*, 1142:44–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shibata:1996:ESW

[1722] Y. Shibata, X.-P. Ling, and H. Amano. An emulation system of the WASMII: a data driven computer on a virtual hardware. *Lecture Notes in Computer Science*, 1142:55–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hartenstein:1996:CCM

[1723] R. W. Hartenstein, J. Becker, and R. Kress. Custom computing machines vs. hardware/software codesign: From a globalized point of view. *Lecture Notes in Computer Science*, 1142:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ludwig:1996:DCB

[1724] S. H.-M. Ludwig. The design of a coprocessor board using Xilinx's XC6200 FPGA — an experience report. *Lecture Notes in Computer Science*, 1142: 77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:RRA

[1725] D. Smith and D. Bhatia. RACE: Reconfigurable and adaptive computing environment. *Lecture Notes in Computer Science*, 1142:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dick:1996:CDD

[1726] C. H. Dick. Computing 2-D DFTs using FPGAs. *Lecture Notes in Computer Science*, 1142:96–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ober:1996:CCA

[1727] U. Ober, H.-J. Herpel, and M. Glesner. CAPpartx: Computer aided prototyping partitioning for Xilinx FPGAs, a hierarchical partitioning tool for rapid prototyping. *Lecture Notes in Computer Science*, 1142:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Trainor:1996:ASE

[1728] D. W. Trainor and R. F. Woods. Architectural synthesis and efficient circuit implementation for Field Programmable Gate Arrays. *Lecture Notes in Computer Science*, 1142:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ebeling:1996:RRP

[1729] C. Ebeling, D. C. Cronquist, and P. Franklin. RaPiD — reconfigurable pipelined datapath. *Lecture Notes in Computer Science*, 1142:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suyama:1996:SSP

[1730] T. Suyama, M. Yokoo, and H. Sawada. Solving satisfiability problems on FPGAs. *Lecture Notes in Computer Science*, 1142:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sanz:1996:FIB

[1731] C. Sanz, L. De Zulueta, and J. M. Meneses. FPGA implementation of the block-matching algorithm for motion estimation in image coding. *Lecture Notes in Computer Science*, 1142:146–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Braun:1996:PCC

[1732] M. Braun, J. Friedrich, T. Gruen, and J. Lembert. Parallel CRC computation in FPGAs. *Lecture Notes in Computer Science*, 1142:156–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meyer-Baese:1996:CDF

[1733] U. Meyer-Baese. Coherent demodulation with FPGAs. *Lecture Notes in Computer Science*, 1142:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gehring:1996:TSA

[1734] S. Gehring and S. Ludwig. The Trianus system and its application to custom computing. *Lecture Notes in Computer Science*, 1142:176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lester:1996:LSF

[1735] N. Lester and J. Saul. Logic synthesis for FPGAs using A mixed exclusive-/ inclusive-OR form. *Lecture Notes in Computer Science*, 1142:185–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tammemaee:1996:FCT

[1736] K. Tammemaee, M. O'Nils, and A. Hemani. Flexible codesign target architecture for early prototyping of CMIST systems. *Lecture Notes in Computer Science*, 1142:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Inoue:1996:ARM

[1737] K. Inoue, T. Kisuki, M. Okuno, and E. Shimizu. ATTEMPT-1: a reconfigurable multiprocessor testbed. *Lecture Notes in Computer Science*, 1142: 200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Janzen:1996:SME

[1738] N. Janzen and F. J. Rammig. A slow motion engine for the analysis of FPGA-Based prototypes. *Lecture Notes in Computer Science*, 1142:210–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hesener:1996:IRD

[1739] A. Hesener. Implementing reconfigurable datapaths in FPGAs for adaptive filter design. *Lecture Notes in Computer Science*, 1142:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kean:1996:FCC

[1740] T. Kean, B. New, and B. Slous. A fast constant coefficient multiplier for the XC6200. *Lecture Notes in Computer Science*, 1142:230–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ditzinger:1996:KIU

[1741] A. Ditzinger and R. Remme. Key issues for user acceptance of FPGA design tools. *Lecture Notes in Computer Science*, 1142:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Combridge:1996:RDD

[1742] B. L. Combridge, P. S. Cornfield, and S. Naunton. Reconfigurable DSP demonstrators for the development of spacecraft payload processors. *Lecture Notes in Computer Science*, 1142:242–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casselman:1996:RLB

[1743] S. Casselman. Reconfigurable logic based fibre channel network card with sub 2 micro-second raw latency. *Lecture Notes in Computer Science*, 1142:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haddy:1996:ATM

[1744] J. R. Haddy and D. J. Skellern. An asynchronous transfer mode (ATM) stream demultiplexer and switch. *Lecture Notes in Computer Science*, 1142:260–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vasilko:1996:ORF

[1745] M. Vasilko and D. Ait-Boudaoud. Optically reconfigurable FPGAs: Is this a future trend? *Lecture Notes in Computer Science*, 1142:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salcic:1996:CIL

[1746] Z. Salcic and B. Maunder. CC-SimP — an instruction-level custom-configurable processor for FPLDs. *Lecture Notes in Computer Science*, 1142:280–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vasilko:1996:AST

[1747] M. Vasilko and D. Ait-Boudaoud. Architectural synthesis techniques for dynamically reconfigurable logic. *Lecture Notes in Computer Science*, 1142:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eggers:1996:FRC

[1748] H. Eggers, P. Lysaght, H. Dick, and G. McGregor. Fast reconfigurable crossbar switching in FPGAs. *Lecture Notes in Computer Science*, 1142:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yasar:1996:GFM

[1749] G. Yasar, J. Devins, Y. Tsyrkina, and G. Stadtlander. Growable FPGA macro generator. *Lecture Notes in Computer Science*, 1142:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heron:1996:ASI

[1750] J. P. Heron and R. F. Woods. Architectural strategies for implementing an image processing algorithm on XC6000 FPGA. *Lecture Notes in Computer Science*, 1142:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brebner:1996:VHO

[1751] G. Brebner. A virtual hardware operating system for the Xilinx XC6200. *Lecture Notes in Computer Science*, 1142:327–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Trost:1996:EPE

[1752] A. Trost, R. Kuznar, A. Zemva, and B. Zajc. An experimental programmable environment for prototyping digital circuits. *Lecture Notes in Computer Science*, 1142:337–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gschwind:1996:MSB

[1753] M. Gschwind and C. Mautner. Migration from schematic-based designs to a VHDL synthesis environment. *Lecture Notes in Computer Science*, 1142: 346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Balboni:1996:ADF

[1754] A. Balboni and L. Valenti. ASIC design and FPGA design: a unified design methodology applied to different technologies. *Lecture Notes in Computer Science*, 1142:356–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dick:1996:FFF

[1755] C. H. Dick and F. Harris. FIR filtering with FPGAs using quadrature sigma-delta modulation encoding. *Lecture Notes in Computer Science*, 1142:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yi:1996:NFT

[1756] K. Yi and C.-S. Jhon. A new FPGA technology mapping approach by cluster merging. *Lecture Notes in Computer Science*, 1142:366–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsson:1996:EBT

[1757] L. Larsson. An EPLD based transient recorder for simulation of video signal processing devices in a VHDL environment close to system level conditions. *Lecture Notes in Computer Science*, 1142:371–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meyer-Baese:1996:CED

[1758] U. Meyer-Baese. Convolutional error decoding with FPGAs. *Lecture Notes in Computer Science*, 1142:376–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rogina:1996:MCT

[1759] B. M. Rogina, K. Skala, and B. Vojnovic. Metastability characteristics testing for programmable logic design. *Lecture Notes in Computer Science*, 1142:381–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rowley:1996:ISD

[1760] K. Rowley and C. Lyden. Implementing sigma delta modulator prototype designs on an FPGA. *Lecture Notes in Computer Science*, 1142:389–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruiz:1996:DVP

[1761] J. L. Ruiz, Y. Torroja, and J. L. Garcia. Design of a VME parametrized library for FPGAs. *Lecture Notes in*

Computer Science, 1142:394–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schumacher:1996:DTA

[1762] G. Schumacher, B. Josko, G. Wagner, and M. Radetzki. Development of a telephone answering machine in a lab — FPGAs in education. *Lecture Notes in Computer Science*, 1142:400–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tchoumatchenko:1996:FDM

[1763] V. Tchoumatchenko, T. Vassileva, R. Ribas, and A. Guyot. FPGA design migration. *Lecture Notes in Computer Science*, 1142:405–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pillement:1996:CDH

[1764] S. Pillement, L. Torres, M. Robert, and G. Cambon. Concurrent design of hardware/software dedicated systems. *Lecture Notes in Computer Science*, 1142:410–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Touhafi:1996:IFP

[1765] A. Touhafi, W. Brissinck, and E. F. Dirkx. The implementation of a field programmable logic based co-processor for the acceleration of discrete event simulators. *Lecture Notes in Computer Science*, 1142:415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weinhardt:1996:CWD

[1766] M. Weinhardt. Computing weight distributions of binary linear block codes on a CCM. *Lecture Notes in Computer Science*, 1142:425–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carse:1996:FEL

[1767] B. Carse and T. C. Fogarty. Fast evolutionary learning of minimal radial basis function neural networks using a genetic algorithm. *Lecture Notes in Computer Science*, 1143:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cartwright:1996:EDS

[1768] H. M. Cartwright and J. A. Hopkins. Evolutionary design of synthetic routes in chemistry. *Lecture Notes in Computer Science*, 1143:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fang:1996:GAJ

[1769] H.-L. Fang, D. Come, and P. Ross. A genetic algorithm for job-shop problems with various schedule quality criteria. *Lecture Notes in Computer Science*, 1143:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Husbands:1996:TAG

[1770] P. Husbands, G. Jenny, M. McIlhagga, and R. Ives. Two applications of genetic algorithms to component design. *Lecture Notes in Computer Science*, 1143:50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jonsson:1996:CSB

[1771] P. Jonsson and J. Barklund. Characterizing signal behaviour using genetic programming. *Lecture Notes in Computer Science*, 1143:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lunn:1996:SRG

[1772] K. Lunn and C. Johnson. Spatial reasoning with genetic algorithms — an application in planning of safe liquid petroleum gas sites. *Lecture Notes in Computer Science*, 1143:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miller:1996:REG

[1773] J. F. Miller and P. Thompson. Restricted evaluation genetic algorithms with tabu search for optimising Boolean functions as multi-level AND-EXOR networks. *Lecture Notes in Computer Science*, 1143:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pohlheim:1996:GSP

[1774] H. Pohlheim and P. Marenbach. Generation of structured process models using genetic programming. *Lecture Notes in Computer Science*, 1143:102–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Poli:1996:GPF

[1775] R. Poli. Genetic programming for feature detection and image segmentation. *Lecture Notes in Computer Science*, 1143:110–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandqvist:1996:TVS

[1776] S. Sandqvist. A temporal view of selection and populations. *Lecture Notes in Computer Science*, 1143:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:EST

[1777] J. Smith and T. C. Fogarty. Evolving software test data — GA's learn self expression. *Lecture Notes in Computer Science*, 1143:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sullivan:1996:EES

[1778] J. C. W. Sullivan and A. G. Pipe. Efficient evolution strategies for exploration in mobile robotics. *Lecture Notes in Computer Science*, 1143:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bilchev:1996:LND

[1779] G. Bilchev and I. C. Parmee. Learning the "next" dimension. *Lecture Notes in Computer Science*, 1143:162–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Branke:1996:GSM

[1780] J. Branke, H. C. Andersen, and H. Schmeck. Global selection methods for massively parallel computers. *Lecture Notes in Computer Science*, 1143:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corne:1996:IMN

[1781] D. Corne, E. Collingwood, and P. Ross. Investigating Multipoidy's niche. *Lecture Notes in Computer Science*, 1143: 189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

GonzalezHernandez:1996:EDC

[1782] L. F. Gonzalez Hernandez and D. W. Corne. Evolutionary divide and conquer for the set-covering problem. *Lecture Notes in Computer Science*, 1143: 198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoffmann:1996:SLI

[1783] R. Hoffmann and N. Waring. The simulation of localised interaction and learning in artificial adaptive agents. *Lecture Notes in Computer Science*, 1143: 209–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quick:1996:RRF

[1784] R. J. Quick, V. J. Rayward-Smith, and G. D. Smith. The Royal Road functions: Description, intent and experimentation. *Lecture Notes in Computer Science*, 1143:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roy:1996:ART

[1785] R. Roy and I. C. Parmee. Adaptive restricted tournament selection for the identification of multiple sub-optima in a multi-modal function. *Lecture Notes in Computer Science*, 1143:236–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sendhoff:1996:APG

[1786] B. Sendhoff and M. Kreutz. Analysis of possible genome-dependence of mutation rates in genetic algorithms. *Lecture Notes in Computer Science*, 1143: 257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Surry:1996:IIE

[1787] P. D. Surry and N. J. Radcliffe. Inoculation to initialise evolutionary search. *Lecture Notes in Computer Science*, 1143:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tuson:1996:CEO

[1788] A. Tuson and P. Ross. Co-evolution of operator settings in genetic algorithms. *Lecture Notes in Computer Science*, 1143:286–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vavak:1996:CSS

[1789] F. Vavak and T. C. Fogarty. A comparative study of steady state and generational genetic algorithms for use in nonstationary environments. *Lecture Notes in Computer Science*, 1143:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ponce:1996:RIW

[1790] J. Ponce, M. Hebert, and A. Zisserman. Report on the 1996 International Workshop on Object Representation in Computer Vision. *Lecture*

Notes in Computer Science, 1144:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zerroug:1996:IID

[1791] M. Zerroug and R. Nevatia. From an intensity image to 3-D segmented descriptions. *Lecture Notes in Computer Science*, 1144:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sayd:1996:RGC

[1792] P. Sayd, M. Dhome, and J.-M Lavest. Recovering generalized cylinders by monocular vision. *Lecture Notes in Computer Science*, 1144:25–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carlsson:1996:CGS

[1793] S. Carlsson. Combinatorial geometry for shape representation and indexing. *Lecture Notes in Computer Science*, 1144:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rothwell:1996:ROU

[1794] C. Rothwell, J. Mundy, and B. Hoffman. Representing objects using topology. *Lecture Notes in Computer Science*, 1144:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Angelopoulou:1996:CBS

[1795] E. Angelopoulou, J. P. Williams, and L. B. Wolff. Curvature based signatures for object description and recognition. *Lecture Notes in Computer Science*, 1144:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shum:1996:SS

[1796] H.-Y. Shum, M. Hebert, and K. Ikeuchi. On 3D shape synthesis. *Lecture Notes in Computer Science*, 1144:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koenderink:1996:SCP

[1797] J. J. Koenderink, A. J. Van Doorn, C. Christou, and J. S. Lappin. Shape constancy in pictorial relief. *Lecture Notes in Computer Science*, 1144:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nayar:1996:DIM

[1798] S. K. Nayar and H. Murase. Dimensionality of illumination manifolds in appearance matching. *Lecture Notes in Computer Science*, 1144:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Epstein:1996:LOR

[1799] R. Epstein, A. L. Yuille, and P. N. Belhumeur. Learning object representations from lighting variations. *Lecture Notes in Computer Science*, 1144:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pope:1996:LAM

[1800] A. R. Pope and D. G. Lowe. Learning appearance models for object recognition. *Lecture Notes in Computer Science*, 1144:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmid:1996:IOC

[1801] C. Schmid, P. Bobet, B. Lamiroy, and R. Mohr. An image oriented CAD approach. *Lecture Notes in Computer Science*, 1144:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mundy:1996:ECA

[1802] J. Mundy, A. Liu, N. Pillow, and A. Zisserman. An experimental comparison of appearance and geometric model based recognition. *Lecture Notes in Computer Science*, 1144:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kanade:1996:VRB

[1803] T. Kanade, P. J. Narayanan, and P. W. Rander. Virtualized reality: being mobile in a visual scene. *Lecture Notes in Computer Science*, 1144:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Francois:1996:GSL

[1804] A. R. J. François and G. Medioni. Generic shape learning and recognition. *Lecture Notes in Computer Science*, 1144:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ayoung-Chee:1996:HAR

[1805] N. Ayoung-Chee, G. Dudek, and F. P. Ferrie. A hybrid approach to 3D representation. *Lecture Notes in Computer Science*, 1144:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Forsyth:1996:FPO

[1806] D. A. Forsyth, J. Malik, M. M. Fleck, and H. Greenspan. Finding pictures of objects in large collections of images. *Lecture Notes in Computer Science*, 1144:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wright:1996:BHT

[1807] M. Wright, A. Fitzgibbon, P. J. Giblin, and R. B. Fisher. Beyond the Hough transform: further properties of the R mapping and their applications. *Lecture Notes in Computer Science*, 1144:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kutulakos:1996:NEO

[1808] K. N. Kutulakos and J. R. Vallino. Non-Euclidean object representations for calibration-free video overlay. *Lecture Notes in Computer Science*, 1144: 381–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aiken:1996:CBP

[1809] A. Aiken. Constraint-based program analysis. *Lecture Notes in Computer Science*, 1145:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nielson:1996:SDP

[1810] F. Nielson. Semantics-directed program analysis: a tool-maker's perspective. *Lecture Notes in Computer Science*, 1145:2–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steffen:1996:POE

[1811] B. Steffen. Property-oriented expansion. *Lecture Notes in Computer Science*, 1145:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alstrup:1996:GDS

[1812] S. Alstrup, P. W. Lauridsen, and M. Thorup. Generalized dominators for structured programs. *Lecture Notes in Computer Science*, 1145:42–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alt:1996:CBP

[1813] M. Alt, C. Ferdinand, F. Martin, and R. Wilhelm. Cache behavior prediction by abstract interpretation. *Lecture Notes in Computer Science*, 1145: 52–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andersen:1996:TAO

[1814] P. H. Andersen and C. K. Holst. Termination analysis for offline partial evaluation of a higher order functional language. *Lecture Notes in Computer Science*, 1145:67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBoer:1996:PCC

[1815] F. S. De Boer, M. Gabbrielli, and C. Palamidessi. Proving correctness of constraint logic programs with dynamic scheduling. *Lecture Notes in Computer Science*, 1145:83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borgia:1996:UMA

[1816] R. Borgia, P. Degano, C. Priami, and L. Leth. Understanding mobile agents via a non-interleaving semantics for Facile. *Lecture Notes in Computer Science*, 1145:98–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brauburger:1996:TAP

[1817] J. Brauburger and J. Giesl. Termination analysis for partial functions. *Lecture Notes in Computer Science*, 1145: 113–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruynooghe:1996:FSA

[1818] M. Bruynooghe, B. Demoen, D. Boulanger, and M. Denecker. A freeness and sharing analysis of logic programs based on a pre-interpretation. *Lecture Notes in Computer Science*, 1145:128–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coppo:1996:RTP

[1819] M. Coppo, F. Damiani, and P. Giannini. Refinement types for program analysis. *Lecture Notes in Computer Science*, 1145:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crnogorac:1996:CTO

[1820] L. Crnogorac, A. D. Kelly, and H. Søndergaard. A comparison of three occur-check analysers. *Lecture Notes in Computer Science*, 1145:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emelianov:1996:AER

[1821] P. G. Emelianov. Analysis of the equality relations for the program terms. *Lecture Notes in Computer Science*, 1145:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fecht:1996:EFS

[1822] C. Fecht and H. Seidl. An even faster solver for general systems of equations. *Lecture Notes in Computer Science*, 1145:189–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Givan:1996:IPS

[1823] R. Givan. Inferring program specifications in polynomial-time. *Lecture Notes in Computer Science*, 1145:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1996:AMT

[1824] M. Mueller, T. Glass, and K. Stroetmann. Automated modular termination proofs for real Prolog programs. *Lecture Notes in Computer Science*, 1145:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pande:1996:DFB

[1825] H. D. Pande and B. G. Ryder. Data-flow-based virtual function resolution. *Lecture Notes in Computer Science*, 1145:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paterson:1996:CLU

[1826] R. Paterson. Compiling laziness using projections. *Lecture Notes in Computer Science*, 1145:255–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Puebla:1996:OAI

[1827] G. Puebla and M. Hermenegildo. Optimized algorithms for incremental analysis of logic programs. *Lecture Notes in Computer Science*, 1145:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rehof:1996:TCF

[1828] J. Rehof and T. A. Mogensen. Tractable constraints in finite semilattices. *Lecture Notes in Computer Science*, 1145:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roux:1996:UDH

[1829] O. Roux and V. Rusu. Uniformity for the decidability of hybrid automata. *Lecture Notes in Computer Science*, 1145:301–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schoenig:1996:BSA

[1830] S. Schoenig and M. Ducasse. A backward slicing algorithm for Prolog. *Lecture Notes in Computer Science*, 1145:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Snelting:1996:CSC

[1831] G. Snelting. Combining slicing and constraint solving for validation of measurement software. *Lecture Notes in Computer Science*, 1145:332–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Trifonov:1996:SCT

[1832] V. Trifonov and S. Smith. Subtyping constrained types. *Lecture Notes in Computer Science*, 1145:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Venet:1996:ACD

[1833] A. Venet. Abstract cofibered domains: Application to the alias analysis of untyped programs. *Lecture Notes in Computer Science*, 1145:366–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Handjieva:1996:SSA

[1834] M. Handjieva. STAN: a static analyzer for CLP(R) based on abstract interpretation. *Lecture Notes in Computer Science*, 1145:383–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kelly:1996:TAI

[1835] A. D. Kelly, K. Marriott, H. Søndergaard, and P. J. Stuckey. Two applications of an incremental analysis engine for (constraint) logic programs. *Lecture Notes in Computer Science*, 1145:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1996:PPA

[1836] M. Mueller, T. Glass, and K. Stroetmann. PAN — the Prolog analyzer. *Lecture Notes in Computer Science*, 1145:387–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Waidner:1996:DSE

[1837] M. Waidner. Development of a secure electronic marketplace for Europe. *Lecture Notes in Computer Science*, 1146:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mao:1996:LWM

[1838] W. Mao. Light-weight micro-cash payment for the Internet. *Lecture Notes in Computer Science*, 1146:15–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Camenisch:1996:DPS

[1839] J. Camenisch, U. Maurer, and M. Stadler. Digital payment systems with passive anonymity-revoking trustees. *Lecture Notes in Computer Science*, 1146:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Atluri:1996:AMW

[1840] V. Atluri and W.-K Huang. An authorization model for workflows. *Lecture Notes in Computer Science*, 1146: 44–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandhu:1996:RHC

[1841] R. Sandhu. Role hierarchies and constraints for lattice-based access controls. *Lecture Notes in Computer Science*, 1146:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nicomette:1996:MSM

[1842] V. Nicomette and Y. Deswarte. A multilevel security model for distributed object systems. *Lecture Notes in Computer Science*, 1146:80–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeCapitanidiVimercati:1996:AMF

[1843] S. De Capitani di Vimercati and P. Samarati. An authorization model for federated systems. *Lecture Notes in Computer Science*, 1146:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Farmer:1996:SMA

[1844] W. Farmer, J. Guttman, and V. Swarup. Security for mobile agents: Authentication and state appraisal. *Lecture Notes in Computer Science*, 1146:118–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asokan:1996:SSS

[1845] N. Asokan, G. Tsudik, and M. Waidner. Server-supported signatures. *Lecture Notes in Computer Science*, 1146: 131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1996:SNL

[1846] S. F. Wu. Sleepy network-layer authentication service for IPSEC. *Lecture Notes in Computer Science*, 1146: 146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1996:CEM

[1847] J. Zhou and D. Gollmann. Certified electronic mail. *Lecture Notes in Computer Science*, 1146:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schneier:1996:DP

[1848] B. Schneier, J. Kelsey, and J. Walker. Distributed proctoring. *Lecture Notes in Computer Science*, 1146:172–182, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic). URL `http://www.counterpane.com/distributed_proctoring.html`.

Bonatti:1996:MHS

[1849] P. Bonatti, M. L. Sapino, and V. S. Subrahmanian. Merging heterogeneous security orderings. *Lecture Notes in Computer Science*, 1146:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schneider:1996:CA

[1850] S. Schneider and A. Sidiropoulos. CSP and anonymity. *Lecture Notes in Computer Science*, 1146:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wedel:1996:FSA

[1851] G. Wedel and V. Kessler. Formal semantics for authentication logics. *Lecture Notes in Computer Science*, 1146: 219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lotz:1996:TSM

[1852] V. Lotz. Threat scenarios as a means to formally develop secure systems. *Lec-*

ture Notes in Computer Science, 1146: 242–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Warner:1996:IMS

[1853] A. Warner, Q. Li, T. Keefe, and S. Pal. The impact of multilevel security on database buffer management. *Lecture Notes in Computer Science*, 1146:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marks:1996:ECD

[1854] D. G. Marks, A. Motro, and S. Jajodia. Enhancing the controlled disclosure of sensitive information. *Lecture Notes in Computer Science*, 1146:290–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mancini:1996:SCC

[1855] L. V. Mancini and I. Ray. Secure concurrency control in MLS databases with two versions of data. *Lecture Notes in Computer Science*, 1146:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maurer:1996:MPK

[1856] U. Maurer. Modelling a public-key infrastructure. *Lecture Notes in Computer Science*, 1146:325–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meadows:1996:ANS

[1857] C. A. Meadows. Analyzing the Needham-Schroeder public-key protocol: A comparison of two approaches. *Lecture Notes in Computer Science*, 1146:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Magerman:1996:LGS

[1858] D. M. Magerman. Learning grammatical structure using statistical decision-trees. *Lecture Notes in Computer Science*, 1147:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knuutila:1996:IIP

[1859] T. Knuutila. Inductive inference from positive data: from heuristic to characterizing methods. *Lecture Notes in Computer Science*, 1147:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Apsitis:1996:UIF

[1860] K. Apsitis, R. Freivalds, R. Simanovskis, and J. Smotrovs. Unions of identifiable families of languages. *Lecture Notes in Computer Science*, 1147:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelaHiguera:1996:CSP

[1861] C. De la Higuera. Characteristic sets for polynomial grammatical inference. *Lecture Notes in Computer Science*, 1147:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vilar:1996:QLS

[1862] J. M. Vilar. Query learning of subsequential transducers. *Lecture Notes in Computer Science*, 1147:72–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brent:1996:LCF

[1863] M. R. Brent and T. A. Cartwright. Lexical categorization: fitting template grammars by incremental MDL optimization. *Lecture Notes in Computer Science*, 1147:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tillmann:1996:SCW

[1864] C. Tillmann and H. Ney. Selection criteria for word trigger pairs in language modelling. *Lecture Notes in Computer Science*, 1147:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fred:1996:CSU

[1865] A. L. N. Fred. Clustering of sequences using minimum grammar complexity criterion. *Lecture Notes in Computer Science*, 1147:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takada:1996:NGI

[1866] Y. Takada and T. Y. Nishida. A note on grammatical inference of slender context-free languages. *Lecture Notes in Computer Science*, 1147:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sempere:1996:LLG

[1867] J. M. Sempere and A. Fos. Learning linear grammars from structural information. *Lecture Notes in Computer Science*, 1147:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alquezar:1996:LCS

[1868] R. Alquezar, A. Sanfeliu, and J. Cueva. Learning of context-sensitive language acceptors through regular inference and constrained induction. *Lecture Notes in Computer Science*, 1147:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Samuelsson:1996:ICG

[1869] C. Samuelsson, P. Tapanainen, and A. Voutilainen. Inducing constraint grammars. *Lecture Notes in Computer Science*, 1147:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Deligne:1996:ISD

[1870] S. Deligne, F. Yvon, and F. Bimbot. Introducing statistical dependencies and structural constraints in variable-length sequence models. *Lecture Notes in Computer Science*, 1147:156–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gregor:1996:DCS

[1871] J. Gregor and M. G. Thomason. A disagreement count scheme for inference of constrained Markov networks. *Lecture Notes in Computer Science*, 1147:168–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vidal:1996:UKI

[1872] E. Vidal and D. Llorens. Using knowledge to improve N-gram language modelling through the MGGI methodology. *Lecture Notes in Computer Science*, 1147:179–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blasig:1996:DSP

[1873] R. Blasig. Discrete sequence prediction with commented Markov models. *Lecture Notes in Computer Science*, 1147:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruiz:1996:LPT

[1874] J. Ruiz and P. Garcia. Learning k-piecewise testable languages from positive data. *Lecture Notes in Computer Science*, 1147:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emerald:1996:LCR

[1875] J. D. Emerald, K. G. Subramanian, and D. G. Thomas. Learning code regular and code linear languages. *Lecture Notes in Computer Science*, 1147: 211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dupont:1996:IRI

[1876] P. Dupont. Incremental regular inference. *Lecture Notes in Computer Science*, 1147:222–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Parekh:1996:IIA

[1877] R. Parekh and V. Honavar. An incremental interactive algorithm for grammar inference. *Lecture Notes in Computer Science*, 1147:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lorenzo:1996:ILP

[1878] D. Lorenzo. Inductive logic programming for discrete event systems. *Lecture Notes in Computer Science*, 1147: 250–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golea:1996:SSR

[1879] M. Golea, M. Matsuoka, and Y. Sakakibara. Stochastic simple recurrent neural networks. *Lecture Notes in Computer Science*, 1147:262–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carrasco:1996:ISR

[1880] R. C. Carrasco, M. L. Forcada, and L. Santamaria. Inferring stochastic regular grammars with recurrent neural networks. *Lecture Notes in Computer Science*, 1147:274–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casacuberta:1996:MMI

[1881] F. Casacuberta. Maximum mutual information and conditional maximum likelihood estimation of stochastic regular syntax-directed translation schemes. *Lecture Notes in Computer Science*, 1147:282–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Giordano:1996:GIU

[1882] J. Y. Giordano. Grammatical inference using tabu search. *Lecture Notes in Computer Science*, 1147:292–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oncina:1996:UDI

[1883] J. Oncina and M. A. Varo. Using domain information during the learning of a subsequential transducer. *Lecture Notes in Computer Science*, 1147:301–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DelaHiguera:1996:IDD

[1884] C. De la Higuera, J. Oncina, and E. Vidal. Identification of DFA: data-dependent vs. data-independent algorithms. *Lecture Notes in Computer Science*, 1147:313–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hoffmann:1996:HSS

[1885] C. M. Hoffmann. How solid is solid modeling? *Lecture Notes in Computer Science*, 1148:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fortune:1996:RIG

[1886] S. Fortune. Robustness issues in geometric algorithms. *Lecture Notes in Computer Science*, 1148:9–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guibas:1996:IGA

[1887] L. J. Guibas. Implementing geometric algorithms robustly. *Lecture Notes in Computer Science*, 1148:15–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Preparata:1996:RGA

[1888] F. P. Preparata. Robustness in geometric algorithms. *Lecture Notes in Computer Science*, 1148:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pratt:1996:ACG

[1889] M. J. Pratt. Applications of computational geometry in mechanical engineering design and manufacture. *Lecture Notes in Computer Science*, 1148: 25–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mitchell:1996:SAC

[1890] J. S. B. Mitchell. On some applications of computational geometry in manufacturing and virtual environments. *Lecture Notes in Computer Science*, 1148:37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dobkin:1996:VGA

[1891] D. Dobkin. Visualizing geometric algorithms — state of the art. *Lecture Notes in Computer Science*, 1148:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:GAV

[1892] D. T. Lee. Geometric algorithm visualization, current status and future. *Lecture Notes in Computer Science*, 1148: 45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mehlhorn:1996:PPP

[1893] K. Mehlhorn. Position paper for panel discussion. *Lecture Notes in Computer Science*, 1148:51–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Overmars:1996:DCG

[1894] M. H. Overmars. Designing the computational geometry algorithms library CGAL. *Lecture Notes in Computer Science*, 1148:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chazelle:1996:CGI

[1895] B. Chazelle. The computational geometry impact task force report: An executive summary. *Lecture Notes in Computer Science*, 1148:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Finn:1996:GMF

[1896] P. W. Finn, D. Halperin, L. E. Kavraki, and J.-C Latombe. Geometric manipulation of flexible ligands. *Lecture Notes in Computer Science*, 1148:67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Prisant:1996:RRF

[1897] M. G. Prisant. Ray-representation formalism for geometric computations on protein solid models. *Lecture Notes in Computer Science*, 1148:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daniels:1996:CBS

[1898] K. Daniels and V. J. Milenkovic. Column-based strip packing using ordered and compliant containment. *Lecture Notes in Computer Science*, 1148: 91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Majhi:1996:CFU

[1899] J. Majhi, P. Gupta, and R. Janardan. Computing a flattest, undercut-free parting line for a convex polyhedron, with application to mold design. *Lecture Notes in Computer Science*, 1148:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dobkin:1996:GPM

[1900] D. Dobkin and D. Gunopulos. Geometric problems in machine learning. *Lecture Notes in Computer Science*, 1148:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Basri:1996:MCP

[1901] R. Basri and D. Jacobs. Matching convex polygons and polyhedra, allowing for occlusion. *Lecture Notes in Computer Science*, 1148:133–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hung:1996:SPP

[1902] C.-K. Hung and D. Ierardi. Stably placing piecewise smooth objects. *Lecture Notes in Computer Science*, 1148:149–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fortune:1996:BTA

[1903] S. Fortune. A beam-tracing algorithm for prediction of indoor radio propagation. *Lecture Notes in Computer Science*, 1148:157–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kernighan:1996:EGI

[1904] B. W. Kernighan and C. J. Van Wyk. Extracting geometric information from architectural drawings. *Lecture Notes in Computer Science*, 1148:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Orti:1996:UVC

[1905] R. Orti, F. Durand, S. Riviere, and C. Puech. Using the visibility complex for radiosity computation. *Lecture Notes in Computer Science*, 1148: 177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fabri:1996:CKB

[1906] A. Fabri, G.-J. Giezeman, L. Kettner, and S. Schirra. The CGAL kernel: a basis for geometric computation. *Lecture Notes in Computer Science*, 1148:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shewchuk:1996:TEQ

[1907] J. R. Shewchuk. Triangle: Engineering a 2D quality mesh generator and Delaunay triangulator. *Lecture Notes in Computer Science*, 1148:203–222, 1996. CODEN LNCSD9. ISBN 3-540-61785-X (softcover), 3-540-70680-1 (e-book). ISSN 0302-9743 (print), 1611-3349 (electronic). URL `https://link.springer.com/chapter/10.1007/BFb0014497`.

Christie:1996:RMP

[1908] A. M. Christie, A. N. Earl, M. I. Kellner, and W. E. Riddle. A reference model for process technology. *Lecture Notes in Computer Science*, 1149:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nguyen:1996:TRA

[1909] M. N. Nguyen and R. Conradi. Towards a rigorous approach for managing process evolution. *Lecture Notes in Computer Science*, 1149:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Conradi:1996:SRA

[1910] R. Conradi. SPIQ: a revised agenda for software process support. *Lecture Notes in Computer Science*, 1149:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Estublier:1996:PEI

[1911] J. Estublier and S. Dami. Process engine interoperability: An experiment. *Lecture Notes in Computer Science*, 1149:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ben-Shaul:1996:LAM

[1912] I. Z. Ben-Shaul and G. T. Heineman. A 3-level atomicity model for decentralized process-centered software engineering environments. *Lecture Notes in Computer Science*, 1149:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Avrilionis:1996:ISP

[1913] D. Avrilionis, N. Belkhatir, and P.-Y. Cunin. Improving software process modelling and enactment techniques. *Lecture Notes in Computer Science*, 1149:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Emmerich:1996:DPC

[1914] W. Emmerich and A. Finkelstein. Do process-centred environments deserve process-centred tools? *Lecture Notes in Computer Science*, 1149:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greenwood:1996:PWP

[1915] R. M. Greenwood and B. Warboys. Process Web — process support for the World Wide Web. *Lecture Notes in Computer Science*, 1149:82–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Basile:1996:MPF

[1916] C. Basile, S. Calanna, E. Di Nitto, and A. Fuggetta. Mechanisms and policies for federated PSEEs: Basic concepts and open issues. *Lecture Notes in Computer Science*, 1149:86–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Snowdon:1996:AMP

[1917] B. Snowdon. Active models and process support. *Lecture Notes in Computer Science*, 1149:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaba:1996:MPC

[1918] A. B. Kaba and J.-C. Derniame. Modelling processes for change: Basic mechanisms for evolving process fragments. *Lecture Notes in Computer Science*, 1149:99–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lehman:1996:LSE

[1919] M. M. Lehman. Laws of software evolution revisited. *Lecture Notes in Computer Science*, 1149:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rahhal:1996:EEI

[1920] S. Rahhal and N. H. Madhavji. Estimating the effort of implementing ISO 9001 in software organizations. *Lecture Notes in Computer Science*, 1149:125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gruhn:1996:CMS

[1921] V. Gruhn. Configuration management support for software process models. *Lecture Notes in Computer Science*, 1149:132–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neumann:1996:HLO

[1922] O. Neumann, S. Sachweh, and W. Schaefer. A high-level object-oriented specification language for configuration management and tool integration. *Lecture Notes in Computer Science*, 1149:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sherdil:1996:HOI

[1923] K. Sherdil and N. H. Madhavji. Human-oriented improvement in the software process. *Lecture Notes in Computer Science*, 1149:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanLatum:1996:NIF

[1924] F. Van Latum, M. Oivo, B. Hoisl, and G. Ruhe. No improvement without feedback: Experiences from goal-oriented measurement at Schlumberger. *Lecture Notes in Computer Science*, 1149:167–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBunje:1996:TMP

[1925] T. De Bunje, G. Engels, L. Groenewegen, and M. Heus. Towards measurable process models. *Lecture Notes in Computer Science*, 1149:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perry:1996:EWP

[1926] D. E. Perry, A. Porter, L. G. Votta, and M. W. Wade. Evaluating workflow and process automation in wide-area software development. *Lecture Notes in Computer Science*, 1149:188–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andreoli:1996:PEC

[1927] J.-M. Andreoli, J.-L. Meunier, and D. Pagani. Process enactment and coordination. *Lecture Notes in Computer Science*, 1149:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cisse:1996:REP

[1928] A. Cisse and M. S. Pimenta. Requirements engineering process as an emergent process. *Lecture Notes in Computer Science*, 1149:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alloui:1996:MAA

[1929] I. Alloui, S. Latrous, and F. Oquendo. A multi-agent approach for modelling, enacting and evolving distributed cooperative software processes. *Lecture Notes in Computer Science*, 1149:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nuseibeh:1996:WAC

[1930] B. Nuseibeh. When agents clash. *Lecture Notes in Computer Science*, 1149: 237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hesse:1996:TPS

[1931] W. Hesse. Theory and practice of the software process: a field study and its implications for project management. *Lecture Notes in Computer Science*, 1149:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kawalek:1996:ODS

[1932] P. Kawalek and D. G. Wastell. Organizational design for software development: a cybernetic perspective. *Lecture Notes in Computer Science*, 1149: 257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ellmer:1996:EPC

[1933] E. Ellmer. Extending process-centered environments with organizational competence. *Lecture Notes in Computer Science*, 1149:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turgeon:1996:SVB

[1934] J. Turgeon and N. H. Madhavji. A systematic, view-based approach to eliciting process models. *Lecture Notes in Computer Science*, 1149:276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matsinger:1996:PMM

[1935] A. A. J. Matsinger. Process modelling and measurements in an industrial environment. *Lecture Notes in Computer Science*, 1149:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Panaroni:1996:RDP

[1936] P. Panaroni. Report on deploying process technology on an industrial space software project. *Lecture Notes in Computer Science*, 1149:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beims:1996:SPP

[1937] M. A. Beims and L. B. Strader. Software process progress in a dynamic business environment. *Lecture Notes in Computer Science*, 1149:289–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fabre:1996:FFA

[1938] J.-C. Fabre and T. Perennou. Friends — A flexible architecture for implementing fault tolerant and secure distributed applications. *Lecture Notes in Computer Science*, 1150:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bohne:1996:AFT

[1939] J. Bohne and R. Groenberg. Adaptable fault tolerance for distributed process control using exclusively standard components. *Lecture Notes in Computer Science*, 1150:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Powell:1996:SSH

[1940] D. Powell, M. Cukier, and J. Arlat. On stratified sampling for high coverage estimations. *Lecture Notes in Computer Science*, 1150:37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Furtado:1996:FIE

[1941] P. Furtado and H. Madeira. Fault injection evaluation of assigned signatures in a RISC processor. *Lecture Notes in Computer Science*, 1150:55–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fuchs:1996:EED

[1942] E. Fuchs. An evaluation of the error detection mechanisms in MARS using software-implemented fault injection. *Lecture Notes in Computer Science*, 1150:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nelli:1996:DMA

[1943] M. Nelli, A. Bondavalli, and L. Simoncini. Dependability modeling and analysis of complex control systems: An application to railway interlocking. *Lecture Notes in Computer Science*, 1150:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Popov:1996:EIT

[1944] P. Popov. The effect of interfailure time variability on the software reliability growth modelling. *Lecture Notes in Computer Science*, 1150:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Draber:1996:DEC

[1945] S. Draber and B. Eschermann. Dependability evaluation of a computing system for traction control of electrical locomotives. *Lecture Notes in Computer Science*, 1150:129–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santonja:1996:DMR

[1946] V. Santonja, M. Alonso, J. Molero, and J. J. Serrano. Dependability models of RAID using stochastic activity networks. *Lecture Notes in Computer Science*, 1150:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wildner:1996:CAS

[1947] U. Wildner. Compiler assisted self-checking of structural integrity using return address hashing. *Lecture Notes in Computer Science*, 1150:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Avresky:1996:SSF

[1948] D. R. Avresky and C. M. Cunningham. Single source fault-tolerant broadcasting for two-dimensional meshes without virtual channels. *Lecture Notes in Computer Science*, 1150:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corno:1996:LTS

[1949] F. Corno, P. Prinetto, M. Rebaudengo, and M. Sonza Reorda. On-line testing of an off-the-shelf microprocessor board for safety-critical applications. *Lecture Notes in Computer Science*, 1150:190–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Renovell:1996:LTB

[1950] M. Renovell, P. Huc, and Y. Bertrand. The logic threshold based voting: a model for local feedback bridging fault. *Lecture Notes in Computer Science*, 1150:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nikolos:1996:YVP

[1951] D. Nikolos and H. T. Vergos. On the yield of VLSI processors with on-chip CPU cache. *Lecture Notes in Computer Science*, 1150:214–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Krasniewski:1996:DDH

[1952] A. Krasniewski. Design of dependable hardware: What BIST is most efficient? *Lecture Notes in Computer Science*, 1150:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sosnowski:1996:PTM

[1953] J. Sosnowski and A. Kusmierczyk. Pseudorandom testing of microprocessors at instruction/data flow level. *Lecture Notes in Computer Science*, 1150: 246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ubar:1996:MLT

[1954] R. Ubar and M. Brik. Multi-level test generation and fault diagnosis for finite state machines. *Lecture Notes in Computer Science*, 1150:264–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arnould:1996:DTB

[1955] A. Arnould, B. Marre, and P. Le Gall. Dynamic testing from bounded data type specifications. *Lecture Notes in Computer Science*, 1150:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barbey:1996:TSB

[1956] S. Barbey, D. Buchs, and C. Peraire. A theory of specification-based testing for object-oriented software. *Lecture Notes in Computer Science*, 1150:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernardeschi:1996:PSP

[1957] C. Bernardeschi, A. Fantechi, S. Gnesi, and G. Mongardi. Proving safety properties for embedded control systems. *Lecture Notes in Computer Science*, 1150:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cosquer:1996:EDC

[1958] F. J. N. Cosquer, P. Antunes, and P. Verissimo. Enhancing dependability of cooperative applications in partitionable environments. *Lecture Notes in Computer Science*, 1150:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mostefaoui:1996:EML

[1959] A. Mostefaoui and M. Raynal. Efficient message logging for uncoordinated checkpointing protocols. *Lecture Notes in Computer Science*, 1150:353–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerraoui:1996:AUR

[1960] R. Guerraoui, R. Oliveira, and A. Schiper. Atomic updates of replicated data. *Lecture Notes in Computer Science*, 1150:365–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Postma:1996:RAF

[1961] A. Postma, G. Hartman, and T. Krol. Removal of all faulty nodes from a fault-tolerant service by means of distributed diagnosis with imperfect fault coverage. *Lecture Notes in Computer Science*, 1150:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Altmann:1996:CBS

[1962] J. Altmann, A. Pataricza, T. Bartha, and P. Urban. Constraint based system-level diagnosis of multiprocessors. *Lecture Notes in Computer Science*, 1150:403–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berthet:1996:UTF

[1963] G. G. Berthet and H. J. Nussbaumer. A unified theory for f1/f2-Diagnosable communication networks. *Lecture Notes in Computer Science*, 1150:421–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lampson:1996:HBH

[1964] B. W. Lampson. How to build a highly available system using consensus. *Lecture Notes in Computer Science*, 1151:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ferrari:1996:DAC

[1965] D. Ferrari. Distributed admission control algorithms for real-time communication. *Lecture Notes in Computer Science*, 1151:18–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aguilera:1996:RFD

[1966] M. K. Aguilera and S. Toueg. Randomization and failure detection: a hybrid approach to solve consensus. *Lecture Notes in Computer Science*, 1151: 29–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borcherding:1996:LAD

[1967] M. Borcherding. Levels of authentication in distributed agreement. *Lecture Notes in Computer Science*, 1151:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Attiya:1996:ERS

[1968] H. Attiya. Efficient and robust sharing of memory in message-passing systems. *Lecture Notes in Computer Science*, 1151:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Torres-Rojas:1996:PCC

[1969] F. J. Torres-Rojas and M. Ahamad. Plausible clocks: Constant size logical clocks for distributed systems. *Lecture Notes in Computer Science*, 1151:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Charpentier:1996:ACR

[1970] M. Charpentier, M. Filali, P. Mauran, and G. Padiou. Abstracting communication to reason about distributed algorithms. *Lecture Notes in Computer Science*, 1151:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Basu:1996:SRL

[1971] A. Basu, B. Charron-Bost, and S. Toueg. Simulating reliable links with unreliable links in the presence of process crashes. *Lecture Notes in Computer Science*, 1151:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rodrigues:1996:CDG

[1972] H. Rodrigues and R. Jones. A cyclic distributed garbage collector for network objects. *Lecture Notes in Computer Science*, 1151:123–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dickman:1996:IDO

[1973] P. Dickman. Incremental, distributed orphan detection and Actor garbage collection using graph partitioning and Euler cycles. *Lecture Notes in Computer Science*, 1151:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fonseca:1996:FAN

[1974] P. Fonseca and Z. Mammeri. A framework for the analysis of non-deterministic clock synchronization algorithms. *Lecture Notes in Computer Science*, 1151:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mei:1996:OTB

[1975] A. Mei, F. Bao, Y. Hamada, and Y. Igarashi. Optimal time broadcasting in faulty star networks. *Lecture Notes in Computer Science*, 1151:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eilam:1996:LBL

[1976] T. Eilam, S. Moran, and S. Zaks. A lower bound for linear interval routing. *Lecture Notes in Computer Science*, 1151:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gambosi:1996:TRS

[1977] G. Gambosi and P. Vocca. Topological routing schemes. *Lecture Notes in Computer Science*, 1151:206–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fujita:1996:MDS

[1978] S. Fujita and M. Yamashita. Maintaining a dynamic set of processors in a distributed system. *Lecture Notes in Computer Science*, 1151:220–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dwork:1996:CC

[1979] C. Dwork, C.-T. Ho, and R. Strong. Collective consistency. *Lecture Notes in Computer Science*, 1151:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bazzi:1996:PQ

[1980] R. A. Bazzi. Planar quorums. *Lecture Notes in Computer Science*, 1151: 251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Guerraoui:1996:GAF

[1981] R. Guerraoui and A. Schiper. “gamma-accurate” failure detectors. *Lecture Notes in Computer Science*, 1151:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moir:1996:FLL

[1982] M. Moir and J. A. Garay. Fast long-lived renaming improved and simplified. *Lecture Notes in Computer Science*, 1151:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mizuno:1996:TBT

[1983] M. Mizuno and H. Kakugawa. A timestamp based transformation of self-stabilizing programs for distributed computing environments. *Lecture Notes in Computer Science*, 1151:304–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Attiya:1996:CSW

[1984] H. Attiya and S. Rajsbaum. The combinatorial structure of wait-free solvable tasks. *Lecture Notes in Computer Science*, 1151:322–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moran:1996:RH

[1985] S. Moran and L. Rappoport. On the robustness of h0rm. *Lecture Notes in Computer Science*, 1151:344–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaudhuri:1996:USC

[1986] S. Chaudhuri and P. Reiners. Understanding the set consensus partial order using the Borowsky-Gafni simulation. *Lecture Notes in Computer Science*, 1151:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:DHF

[1987] M. A. Lee, H. Esbensen, and L. Lemaitre. The design of hybrid fuzzy/evolutionary multiobjective optimization algorithms. *Lecture Notes in Computer Science*, 1152:1–20, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakanishi:1996:SIA

[1988] S. Nakanishi, A. Ohtake, R. R. Yager, and S. Ohtani. Structure identification of acquired knowledge in fuzzy inference by genetic algorithms. *Lecture Notes in Computer Science*, 1152:21–34, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ishibuchi:1996:FCS

[1989] H. Ishibuchi, T. Nakashima, and T. Murata. A fuzzy classifier system that generates linguistic rules for pattern classification problems. *Lecture Notes in Computer Science*, 1152:35–54, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nomura:1996:NCU

[1990] T. Nomura and T. Miyoshi. Numerical coding and unfair average crossover in GA for fuzzy rule extraction in dynamic environments. *Lecture Notes in Computer Science*, 1152:55–72, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yoshikawa:1996:AFR

[1991] T. Yoshikawa, T. Furuhashi, and Y. Uchikawa. Acquisition of fuzzy rules from DNA coding method. *Lecture Notes in Computer Science*, 1152:73–88, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aoki:1996:ESA

[1992] T. Aoki, T. Oka, S. Hayakawa, and T. Suzuki. Experimental study on acquisition of optimal action for autonomous mobile robot to avoid moving multiobstacles. *Lecture Notes in Computer Science*, 1152:89–103, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

CostaBranco:1996:NAS

[1993] P. J. Costa Branco, N. Lori, and J. A. Dente. New approaches on structure identification of fuzzy models: Case study in an electro-mechanical system. *Lecture Notes in Computer Science*, 1152:104–143, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kouzani:1996:GFN

[1994] A. Z. Kouzani and A. Bouzerdoum. A generic fuzzy neuron and its application to motion estimation. *Lecture Notes in Computer Science*, 1152:144–171, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buller:1996:FFI

[1995] A. Buller. Fizzy-fuzzy inferencing. *Lecture Notes in Computer Science*, 1152:172–187, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perez-Mithana:1996:MLP

[1996] E. Perez-Mithana, P. Ross, and J. Hallam. Multi-layer perceptron design using Delaunay triangulations. *Lecture Notes in Computer Science*, 1152:188–197, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Inuiguchi:1996:GAP

[1997] M. Inuiguchi, T. Miyake, M. Sakawa, and I. Shiromaru. A genetic algorithm for planning coal purchase of a real electric power plant. *Lecture Notes in Computer Science*, 1152:198–214, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeGaris:1996:CBA

[1998] H. De Garis. “CAM-BRAIN” ATR’s billion neuron artificial brain project — A three year progress report. *Lecture Notes in Computer Science*, 1152:215–234, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carter:1996:RDP

[1999] M. W. Carter and G. Laporte. Recent developments in practical examination timetabling. *Lecture Notes in Computer Science*, 1153:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bardadym:1996:CAS

[2000] V. A. Bardadym. Computer-aided school and university timetabling: The new wave. *Lecture Notes in Computer Science*, 1153:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wren:1996:STR

[2001] A. Wren. Scheduling, timetabling and rostering — A special relationship? *Lecture Notes in Computer Science*, 1153:46–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burke:1996:ETB

[2002] E. K. Burke, D. G. Elliman, P. H. Ford, and R. F. Weare. Examination timetabling in British universities — A survey. *Lecture Notes in Computer Science*, 1153:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meisels:1996:ETC

[2003] A. Meisels, E. Gudes, and G. Solotorevsky. Employee timetabling, constraint networks and knowledge-based rules: a mixed approach. *Lecture Notes in Computer Science*, 1153:93–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ram:1996:ATT

[2004] V. Ram and C. Scogings. Automated time table generation using multiple context reasoning with truth maintenance. *Lecture Notes in Computer Science*, 1153:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1996:ICL

[2005] C. Cheng, L. Kang, N. Leung, and G. M. White. Investigations of a constraint logic programming approach to university timetabling. *Lecture Notes in Computer Science*, 1153:112–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gueret:1996:BUT

[2006] C. Gueret, N. Jussien, P. Boizumault, and C. Prins. Building university timetables using constraint logic programming. *Lecture Notes in Computer Science*, 1153:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lajos:1996:CUM

[2007] G. Lajos. Complete university modular timetabling using constraint logic programming. *Lecture Notes in Computer Science*, 1153:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henz:1996:UOC

[2008] M. Henz and J. Wuertz. Using Oz for college timetabling. *Lecture Notes in Computer Science*, 1153:162–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rich:1996:SGA

[2009] D. C. Rich. A smart genetic algorithm for university timetabling. *Lecture Notes in Computer Science*, 1153: 181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Erben:1996:GAS

[2010] W. Erben and J. Keppler. A genetic algorithm solving a weekly course-timetabling problem. *Lecture Notes in Computer Science*, 1153:198–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Erguel:1996:GBE

[2011] A. Erguel. GA-Based examination scheduling experience at Middle East Technical University. *Lecture Notes in Computer Science*, 1153:212–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Corne:1996:PIS

[2012] D. Corne and P. Ross. Peckish initialisation strategies for evolutionary timetabling. *Lecture Notes in Computer Science*, 1153:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burke:1996:MAU

[2013] E. K. Burke, J. P. Newall, and R. F. Weare. A memetic algorithm for university exam timetabling. *Lecture Notes in Computer Science*, 1153:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paechter:1996:EMT

[2014] B. Paechter, A. Cumming, M. G. Norman, and H. Luchian. Extensions to a memetic timetabling system. *Lecture Notes in Computer Science*, 1153:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rankin:1996:ATP

[2015] R. C. Rankin. Automatic timetabling in practice. *Lecture Notes in Computer Science*, 1153:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cooper:1996:CTC

[2016] T. B. Cooper and J. H. Kingston. The complexity of timetable construction problems. *Lecture Notes in Computer Science*, 1153:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeWerra:1996:SCM

[2017] D. De Werra. Some combinatorial models for course scheduling. *Lecture Notes in Computer Science*, 1153:296–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ross:1996:PTN

[2018] P. Ross, D. Corne, and H. Terashima-Marin. The phase-transition niche for evolutionary algorithms in timetabling. *Lecture Notes in Computer Science*, 1153:309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boufflet:1996:TMU

[2019] J. P. Boufflet and S. Negre. Three methods used to solve an examination timetable problem. *Lecture Notes in Computer Science*, 1153:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thompson:1996:GCS

[2020] J. Thompson and K. A. Dowsland. General cooling schedules for a simulated annealing based timetabling system. *Lecture Notes in Computer Science*, 1153:345–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Robert:1996:HDC

[2021] V. Robert and A. Hertz. How to decompose constrained course scheduling problems into easier assignment type subproblems. *Lecture Notes in Computer Science*, 1153:364–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Minker:1996:LDY

[2022] J. Minker. Logic and databases: a 20 year retrospective. *Lecture Notes in Computer Science*, 1154:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lakshmanan:1996:PAD

[2023] L. V. S. Lakshmanan and N. Shiri. A parametric approach to deductive databases with uncertainty. *Lecture Notes in Computer Science*, 1154:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Subrahmanian:1996:DDA

[2024] V. S. Subrahmanian and C. Ward. A deductive database approach to planning in uncertain environments. *Lecture Notes in Computer Science*, 1154: 83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuijpers:1996:TPS

[2025] B. Kuijpers, J. Paredaens, M. Sinits, and J. Van den Bussche. Termination properties of spatial datalog programs. *Lecture Notes in Computer Science*, 1154:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martin:1996:ATR

[2026] C. Martin and J. Sistac. Applying transition rules to bitemporal deductive databases for integrity constraint checking. *Lecture Notes in Computer Science*, 1154:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kowalski:1996:TUA

[2027] R. Kowalski and F. Sadri. Towards a unified agent architecture that combines rationality with reactivity. *Lecture Notes in Computer Science*, 1154: 137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Laurent:1996:LQR

[2028] D. Laurent and C. Vrain. Learning query rules for optimizing databases with update rules. *Lecture Notes in Computer Science*, 1154:153–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baral:1996:FCA

[2029] C. Baral and J. Lobo. Formal characterization of active databases. *Lecture Notes in Computer Science*, 1154: 175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ludaescher:1996:NTL

[2030] B. Ludaescher, W. May, and G. Lausen. Nested transactions in a logical language for active rules. *Lecture Notes in Computer Science*, 1154:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siebes:1996:DDC

[2031] A. Siebes, S. Tsur, J. Ullman, and L. Vielle. Deductive databases: Challenges, opportunities and future directions. *Lecture Notes in Computer Science*, 1154:225–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jakobovits:1996:RSM

[2032] H. Jakobovits and D. Vermeir. R-stable models for logic programs. *Lecture Notes in Computer Science*, 1154: 233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eiter:1996:EPP

[2033] T. Eiter, N. Leone, and D. Sacca. The expressive power of partial models in disjunctive deductive databases. *Lecture Notes in Computer Science*, 1154: 245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leone:1996:SMC

[2034] N. Leone, P. Rullo, and F. Scarcello. Stable model checking for disjunctive logic programs. *Lecture Notes in Computer Science*, 1154:265–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boulanger:1996:ALB

[2035] D. Boulanger. Analysis of logic-based systems. *Lecture Notes in Computer Science*, 1154:281–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Spalka:1996:AIC

[2036] A. Spalka and A. B. Cremers. An axiomatic interpretation of confidentiality demands in logic-based relational databases. *Lecture Notes in Computer Science*, 1154:303–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pulido:1996:DQE

[2037] E. Pulido. Database query evaluation with the STARBASE method. *Lecture Notes in Computer Science*, 1154:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sagonas:1996:LFO

[2038] K. Sagonas, T. Swift, and D. S. Warren. The limits of fixed-order computation. *Lecture Notes in Computer Science*, 1154:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kero:1996:ISD

[2039] B. Kero and S. Tsur. The IQ system: a deductive database information lens for reasoning about textual information. *Lecture Notes in Computer Science*, 1154:367–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dobbie:1996:AAO

[2040] G. Dobbie and R. Topor. Arithmetic and aggregate operators in deductive object-oriented databases. *Lecture Notes in Computer Science*, 1154: 387–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonner:1996:SDD

[2041] A. Bonner and G. Mecca. Sequence datalog: Declarative string manipulation in databases. *Lecture Notes in Computer Science*, 1154:399–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asirelli:1996:LES

[2042] P. Asirelli, C. Renso, and F. Turini. Language extensions for semantic integration of deductive databases. *Lecture Notes in Computer Science*, 1154: 415–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greco:1996:UBS

[2043] S. Greco, C. Mateis, and E. Spadafora. Unification of bounded simple set terms in deductive databases. *Lecture Notes in Computer Science*, 1154:435–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cabibbo:1996:ESL

[2044] L. Cabibbo. Expressiveness of semipositive logic programs with value invention. *Lecture Notes in Computer Science*, 1154:457–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gire:1996:MED

[2045] F. Gire and H. K. Hoang. A more expressive deterministic query language with efficient symmetry-based choice construct. *Lecture Notes in Computer Science*, 1154:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roberts:1996:BNT

[2046] J. Roberts, U. Mocci, and J. Virtamo. Broadband network traffic: Performance evaluation and design of broadband multiservice networks. *Lecture Notes in Computer Science*, 1155:xxii + 584, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geist:1996:APP

[2047] G. A. Geist. Advanced programming in PVM. *Lecture Notes in Computer Science*, 1156:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beguelin:1996:TMD

[2048] A. Beguelin and V. Sunderam. Tools for monitoring, debugging, and programming in PVM. *Lecture Notes in Computer Science*, 1156:7–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hempel:1996:SMM

[2049] R. Hempel. The status of the MPI message-passing standard and its relation to PVM. *Lecture Notes in Computer Science*, 1156:14–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pokorny:1996:CMP

[2050] S. Pokorny. A comparison of message-passing parallelization to shared-memory parallelization. *Lecture Notes in Computer Science*, 1156:22–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roda:1996:PEI

[2051] J. Roda, J. Herrera, J. Gonzalez, and C. Rodriguez. Practical experiments to improve PVM algorithms. *Lecture Notes in Computer Science*, 1156:30–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soch:1996:PCG

[2052] M. Soch, J. Trdlicka, and P. Tvrdik. PVM, computational geometry, and parallel computing course. *Lecture Notes in Computer Science*, 1156:38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Luksch:1996:PSA

[2053] P. Luksch, U. Maier, S. Rathmayer, and M. Weidmann. Parallelization of a state-of-the-art industrial CFD package for execution on networks of workstations and massively parallel processors. *Lecture Notes in Computer Science*, 1156:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wechsler:1996:PMM

[2054] K. Wechsler, M. Breuer, and F. Durst. A parallel multigrid method for the prediction of incompressible flows on workstation clusters. *Lecture Notes in Computer Science*, 1156:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

May:1996:ADT

[2055] M. May and T. Schiekofer. An abstract data type for parallel simulations based on sparse grids. *Lecture Notes in Computer Science*, 1156:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sunderam:1996:PSS

[2056] V. Sunderam. The PVM system: Status, trends, and directions. *Lecture Notes in Computer Science*, 1156:68–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ludwig:1996:OOC

[2057] T. Ludwig, R. Wismueller, and M. Oberhuber. OCM — an OMIS compliant monitoring system. *Lecture Notes in Computer Science*, 1156:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wismueller:1996:SBV

[2058] R. Wismueller. State based visualization of PVM applications. *Lecture Notes in Computer Science*, 1156:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kahlert:1996:WCP

[2059] M. Kahlert, U. Wever, and Q. Zheng. Workstation cluster as a parallel hardware environment for high performance computing. *Lecture Notes in Computer Science*, 1156:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papakostas:1996:UPI

[2060] N. Papakostas, G. Papakonstantinou, and P. Tsanakas. Using PVM to implement PPARDB/PVM, a portable parallel database management system. *Lecture Notes in Computer Science*, 1156:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suttner:1996:SPB

[2061] C. B. Suttner. SPTHEO — A PVM-Based parallel theorem prover. *Lecture*

Notes in Computer Science, 1156:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Betten:1996:PCF

[2062] A. Betten. Parallel construction of finite solvable groups. *Lecture Notes in Computer Science*, 1156:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Menden:1996:PPP

[2063] J. Menden and G. Stellner. Proving properties of PVM applications — A case study with CoCheck. *Lecture Notes in Computer Science*, 1156:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arbenz:1996:MDS

[2064] P. Arbenz, M. Billeter, P. Guentert, and P. Luginbuehl. Molecular dynamics simulations on Cray clusters using the SCIDDLE-PVM environment. *Lecture Notes in Computer Science*, 1156: 142–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cela:1996:PSP

[2065] J. M. Cela and J. M. Alfonso. Parallelization of the SPAI preconditioner in a master-slave configuration. *Lecture Notes in Computer Science*, 1156: 150–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuele:1996:PLA

[2066] J. Schuele. Parallel Lanczos algorithm on a CRAY-T3D combining PVM and SHMEM routines. *Lecture Notes in Computer Science*, 1156:158–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Huckle:1996:PIS

[2067] T. Huckle. PVM-Implementation of sparse approximate inverse preconditioners for solving large sparse linear equations. *Lecture Notes in Computer Science*, 1156:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blaszczyk:1996:EPI

[2068] A. Blaszczyk and C. Trinitis. Experience with PVM in an industrial environment. *Lecture Notes in Computer Science*, 1156:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fagg:1996:TGR

[2069] G. E. Fagg, K. S. London, and J. J. Dongarra. Taskers and general resource managers: PVM supporting DCE process management. *Lecture Notes in Computer Science*, 1156:180–187, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juhasz:1996:PIP

[2070] Z. Juhasz and D. Crookes. A PVM implementation of a portable parallel image processing library. *Lecture Notes in Computer Science*, 1156:188–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Celino:1996:PET

[2071] M. Celino. Porting of an empirical tight-binding molecular dynamics code on MIMD platforms. *Lecture Notes in*

Computer Science, 1156:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dahmen:1996:ATP

[2072] H.-C. Dahmen, U. Glaeser, and H. T. Vierhaus. Automatic test pattern generation with optimal load balancing. *Lecture Notes in Computer Science*, 1156:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirik:1996:PCG

[2073] E. Hirik and I. Exman. Parallel crystal growth for chip placement. *Lecture Notes in Computer Science*, 1156:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bernaschi:1996:EMP

[2074] M. Bernaschi. Efficient message passing on shared memory multiprocessors. *Lecture Notes in Computer Science*, 1156:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Touhafi:1996:DPC

[2075] A. Touhafi, W. Brissinck, and E. F. Dirkx. Development of PVM code for a low latency switch based interconnect. *Lecture Notes in Computer Science*, 1156:229–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blum:1996:PIP

[2076] J. M. Blum, T. M. Warschko, and W. F. Tichy. PSPVM: Implementing PVM on a high-speed interconnect for workstation clusters. *Lecture Notes in Computer Science*, 1156:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Haechler:1996:IAC

[2077] G. Haechler and H. Burkhart. Implementing the ALWAN communication and data distribution library using PVM. *Lecture Notes in Computer Science*, 1156:243–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ebner:1996:TFP

[2078] R. Ebner and A. Pfaffinger. Transformation of functional programs into data flow graphs implemented with PVM. *Lecture Notes in Computer Science*, 1156:251–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gennart:1996:CAG

[2079] B. A. Gennart, J. Tarraga Gimenez, and R. D. Hersch. Computer-assisted generation of PVM/C++ programs using CAP. *Lecture Notes in Computer Science*, 1156:259–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Levin:1996:LBC

[2080] E. I. Levin and A. I. Zhmakin. Load balancing for computation of steady viscous flows using adaptive unstructured grids. *Lecture Notes in Computer Science*, 1156:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gold:1996:UAL

[2081] C. Gold and T. Schnekenburger. Using the ALDY load distribution system for PVM applications. *Lecture Notes in Computer Science*, 1156:278–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Santana:1996:PVM

[2082] M. S. Santana, R. C. Santana, P. S. Souza, and S. S. Souza. Parallel virtual machine for Windows95. *Lecture Notes in Computer Science*, 1156:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonnet:1996:UPW

[2083] C. Bonnet. Using PVM in wireless network environments. *Lecture Notes in Computer Science*, 1156:296–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Uhl:1996:PIC

[2084] A. Uhl and J. Haemmerle. Parallel image compression on a workstation-cluster using PVM. *Lecture Notes in Computer Science*, 1156:301–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wagner:1996:GSG

[2085] T. Wagner, C. Kueblbeck, and C. Schittko. Genetic selection and generation of textural features with PVM. *Lecture Notes in Computer Science*, 1156:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Betten:1996:SIL

[2086] A. Betten and A. Wassermann. 00,1-Solutions of integer linear equation systems. *Lecture Notes in Computer Science*, 1156:311–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Theodoropoulos:1996:ESP

[2087] P. Theodoropoulos, G. Manis, P. Tsanakas, and G. Papakonstantinou. Extending synchronization PVM mechanisms. *Lecture Notes in Computer Science*, 1156:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cela:1996:PPL

[2088] J. M. Cela, J. M. Alfonso, and J. Labarta. PLS: a parallel linear solvers library for domain decomposition methods. *Lecture Notes in Computer Science*, 1156:319–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alt:1996:PIA

[2089] R. Alt and J. L. Lamotte. Parallel integration across time of initial value problems using PVM. *Lecture Notes in Computer Science*, 1156:323–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Veigneau:1996:DCR

[2090] S. Veigneau. Distributed computation of ribbon tableaux and spin polynomials. *Lecture Notes in Computer Science*, 1156:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anglano:1996:PMB

[2091] C. Anglano and L. Portinale. Parallel model-based diagnosis using PVM. *Lecture Notes in Computer Science*, 1156:331–??, 1996. CODEN LNCSD9.

ISSN 0302-9743 (print), 1611-3349 (electronic).

Yuasa:1996:RPG

[2092] F. Yuasa, S. Kawabata, T. Ishikawa, and D. Perret-Gallix. Running PVM-GRACE on workstation clusters. *Lecture Notes in Computer Science*, 1156: 335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cavenaghi:1996:UPS

[2093] M. A. Cavenaghi, R. Spolon, J. E. M. Perea-Martins, and S. G. Domingues. Using PVM in the simulation of a hybrid dataflow architecture. *Lecture Notes in Computer Science*, 1156:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oberhuber:1996:MNP

[2094] M. Oberhuber. Managing nondeterminism in PVM programs. *Lecture Notes in Computer Science*, 1156:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ragg:1996:PEN

[2095] T. Ragg. Parallelization of an evolutionary neural network optimizer based on PVM. *Lecture Notes in Computer Science*, 1156:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DAcierno:1996:SUP

[2096] A. D'Acierno and S. Palma. On the synergistic use of parallel exact solvers and heuristic/stochastic methods for combinatorial optimisation problems: a study case for the TSP on the Meiko CS-2. *Lecture Notes in Computer Science*, 1156:355–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bachman:1996:IOO

[2097] C. W. Bachman. Impact of object oriented thinking on ER modeling. *Lecture Notes in Computer Science*, 1157:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Makowsky:1996:TSF

[2098] J. A. Makowsky and E. V. Ravve. Translation schemes and the fundamental problem of database design. *Lecture Notes in Computer Science*, 1157:5–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mannila:1996:SDK

[2099] H. Mannila. Schema design and knowledge discovery. *Lecture Notes in Computer Science*, 1157:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biskup:1996:DRT

[2100] J. Biskup, R. Menzel, T. Polle, and Y. Sagiv. Decomposition of relationships through pivoting. *Lecture Notes in Computer Science*, 1157:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hainaut:1996:UIR

[2101] J.-L. Hainaut, J.-M. Hick, V. Englebert, and J. Henrard. Understanding the implementation of IS-A relations. *Lecture Notes in Computer Science*, 1157:42–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Theodoratos:1996:DOO

[2102] D. Theodoratos. Deductive object oriented schemas. *Lecture Notes in Computer Science*, 1157:58–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

TerHofstede:1996:VPC

[2103] A. H. M. Ter Hofstede, M. E. Orlowska, and J. Rajapakse. Verification problems in conceptual workflow specifications. *Lecture Notes in Computer Science*, 1157:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maret:1996:PKM

[2104] P. Maret and J.-M. Pinon. Process knowledge modeling. *Lecture Notes in Computer Science*, 1157:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Steeg:1996:CDD

[2105] M. Steeg. The conceptual database design optimizer CoDO — concepts, implementation, application. *Lecture Notes in Computer Science*, 1157:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bloesch:1996:CCQ

[2106] A. C. Bloesch and T. A. Halpin. ConQuer: a conceptual query language. *Lecture Notes in Computer Science*, 1157:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clauss:1996:USR

[2107] W. Clauss. Using structural recursion as query mechanism for data models with references. *Lecture Notes in Computer Science*, 1157:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Altus:1996:MDS

[2108] M. Altus. A modular design strategy for a flexible graphical database design environment: An experimental study. *Lecture Notes in Computer Science*, 1157:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ebert:1996:GBM

[2109] J. Ebert, A. Winter, P. Dahrn, and A. Franzke. Graph based modeling and implementation with EER/ GRAL. *Lecture Notes in Computer Science*, 1157:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vermeer:1996:ASI

[2110] M. W. W. Vermeer and P. M. G. Apers. On the applicability of schema integration techniques to database interoperation. *Lecture Notes in Computer Science*, 1157:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmitt:1996:IIT

[2111] I. Schmitt and G. Saake. Integration of inheritance trees as part of view generation for database federations. *Lecture Notes in Computer*

Science, 1157:195–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ekenberg:1996:FBD

[2112] L. Ekenberg and P. Johannesson. A formal basis for dynamic schema integration. *Lecture Notes in Computer Science*, 1157:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moody:1996:GER

[2113] D. Moody. Graphical entity relationship models: Towards a more user understandable representation of data. *Lecture Notes in Computer Science*, 1157:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maier:1996:BQD

[2114] R. Maier. Benefits and quality of data modelling — results of an empirical analysis. *Lecture Notes in Computer Science*, 1157:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ortner:1996:NLA

[2115] E. Ortner and B. Schienmann. Normative language approach — A framework for understanding. *Lecture Notes in Computer Science*, 1157:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Assenova:1996:IQC

[2116] P. Assenova and P. Johannesson. Improving quality in conceptual modelling by the use of schema transformations. *Lecture Notes in Computer Science*, 1157:277–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

SoaresDaSilva:1996:AMO

[2117] A. Soares Da Silva, A. H. F. Laender, and M. A. Cassanova. An approach to maintaining optimized relational representations of entity-relationship schemas. *Lecture Notes in Computer Science*, 1157:292–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mok:1996:TCM

[2118] Wai Yin Mok and D. W. Ernbley. Transforming conceptual models to object-oriented database designs: Practicalities, properties, and peculiarities. *Lecture Notes in Computer Science*, 1157:309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Topaloglou:1996:RPS

[2119] T. Topaloglou and J. Mylopoulos. Representing partial spatial information in databases. *Lecture Notes in Computer Science*, 1157:325–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:SCT

[2120] Jae Young Lee, R. Elmasri, and J. Won. Specification of calendars and time series for temporal databases. *Lecture Notes in Computer Science*, 1157: 341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schewe:1996:VCC

[2121] K.-D. Schewe and B. Schewe. View-centered conceptual modelling — an object oriented approach. *Lecture Notes in Computer Science*, 1157:357–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Comyn-Wattiau:1996:RER

[2122] I. Comyn-Wattiau and J. Akoka. Reverse engineering of relational database physical schema. *Lecture Notes in Computer Science*, 1157:372–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soutou:1996:EAR

[2123] C. Soutou. Extracting N-ary relationships through database reverse engineering. *Lecture Notes in Computer Science*, 1157:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaschek:1996:ICP

[2124] R. Kaschek. Inheritance as a conceptual primitive. *Lecture Notes in Computer Science*, 1157:406–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yahia:1996:IAM

[2125] A. Yahia, L. Lakhal, R. Cicchetti, and J.-P. Bordal. iO2: An algorithmic method for building inheritance graphs in object database design. *Lecture Notes in Computer Science*, 1157:422–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Casali:1996:WE

[2126] F. Casali, S. Ceri, B. Pernici, and G. Pozzi. Workflow evolution. *Lecture Notes in Computer Science*, 1157: 438–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Norrie:1996:MCS

[2127] M. C. Norrie, A. Steiner, A. Wuergler, and M. Wunderli. A model for classification structures with evolution control. *Lecture Notes in Computer Science*, 1157:456–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andonoff:1996:IVO

[2128] E. Andonoff, G. Hubert, A. Le Parc, and G. Zurfluh. Integrating versions in the OMT models. *Lecture Notes in Computer Science*, 1157:472–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthe:1996:ICT

[2129] G. Barthe. Implicit coercions in type systems. *Lecture Notes in Computer Science*, 1158:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barthe:1996:TLA

[2130] G. Barthe, M. Ruys, and H. Barendregt. A two-level approach towards lean proof-checking. *Lecture Notes in Computer Science*, 1158:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berger:1996:GCD

[2131] U. Berger and H. Schwichtenberg. The greatest common divisor: a case study for program extraction from classical proofs. *Lecture Notes in Computer Science*, 1158:36–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beylin:1996:EPC

[2132] I. Beylin and P. Dybjer. Extracting a proof of coherence for monoidal categories from a proof of normalization for monoids. *Lecture Notes in Computer Science*, 1158:47–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cederquist:1996:CPH

[2133] J. Cederquist and S. Negri. A constructive proof of the Heine-Borel covering theorem for formal reals. *Lecture Notes in Computer Science*, 1158:62–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coquand:1996:ACC

[2134] T. Coquand and J. Smith. An application of constructive completeness. *Lecture Notes in Computer Science*, 1158: 76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cornes:1996:AII

[2135] C. Cornes and D. Terrasse. Automating inversion of inductive predicates in Coq. *Lecture Notes in Computer Science*, 1158:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Curmin:1996:FOM

[2136] P. Curmin. First order marked types. *Lecture Notes in Computer Science*, 1158:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dybjer:1996:ITT

[2137] P. Dybjer. Internal type theory. *Lecture Notes in Computer Science*, 1158: 120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gimenez:1996:ACI

[2138] E. Gimenez. An application of co-inductive types in Coq: Verification of the alternating bit protocol. *Lecture Notes in Computer Science*, 1158:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hofmann:1996:CER

[2139] M. Hofmann. Conservativity of equality reflection over intensional type theory. *Lecture Notes in Computer Science*, 1158:153–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Honsell:1996:NDA

[2140] F. Honsell and M. Miculan. A natural deduction approach to dynamic logic. *Lecture Notes in Computer Science*, 1158:165–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Magnusson:1996:ACI

[2141] L. Magnusson. An algorithm for checking incomplete proof objects in type theory with localization and unification. *Lecture Notes in Computer Science*, 1158:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Padovani:1996:DAM

[2142] V. Padovani. Decidability of all minimal models. *Lecture Notes in Computer Science*, 1158:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Paulin-Mohring:1996:CSC

[2143] C. Paulin-Mohring. Circuits as streams in Coq: Verification of a sequential multiplier. *Lecture Notes in Computer Science*, 1158:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ranta:1996:CRS

[2144] A. Ranta. Context-relative syntactic categories and the formalization of mathematical text. *Lecture Notes in Computer Science*, 1158:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stefanova:1996:SMC

[2145] M. Stefanova and H. Geuvers. A simple model construction for the calculus of constructions. *Lecture Notes in Computer Science*, 1158:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tammet:1996:OEF

[2146] T. Tammet and J. Smith. Optimized encodings of fragments of type theory in first order logic. *Lecture Notes in Computer Science*, 1158:265–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VonPlato:1996:ODC

[2147] J. Von Plato. Organization and development of a constructive axiomatization. *Lecture Notes in Computer Science*, 1158:288–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Karacapilidis:1996:ABF

[2148] N. I. Karacapilidis, D. Papadias, and T. F. Gordon. An argumentation based framework for defeasible and qualitative reasoning. *Lecture Notes in Computer Science*, 1159:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martins:1996:WBI

[2149] A. T. C. Martins, M. Pequeno, and T. Pequeno. Well-behaved IDL theories. *Lecture Notes in Computer Science*, 1159:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monteiro:1996:ECL

[2150] A. M. Monteiro and J. Wainer. Epistemic conditional logics. *Lecture Notes in Computer Science*, 1159:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nogueira:1996:HFT

[2151] J. H. M. Nogueira, A. L. Furtado, and J. Y. P. Alcazar. A hybrid formal theory of plan recognition and its implementation. *Lecture Notes in Computer Science*, 1159:31–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Farreny:1996:ASS

[2152] H. Farreny. Algorithms ρ for ?-standard state graphs: Results about termination and admissibility. *Lecture*

Notes in Computer Science, 1159:41–50, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Torgo:1996:RC

[2153] L. Torgo and J. Gama. Regression by classification. *Lecture Notes in Computer Science*, 1159:51–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scalabrin:1996:GMC

[2154] E. E. Scalabrin, L. Vandenberghe, H. De Azevedo, and J.-P. A. Barthes. A generic model of cognitive agent to develop open systems. *Lecture Notes in Computer Science*, 1159:61–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bazzan:1996:CAI

[2155] A. L. C. Bazzan. Coordination among individually-motivated agents: An evolutionary approach. *Lecture Notes in Computer Science*, 1159:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bharadwaj:1996:AHC

[2156] K. K. Bharadwaj, N. M. Hewahi, and M. A. Brandao. Adaptive hierarchical censored production rule-based system: a genetic algorithm approach. *Lecture Notes in Computer Science*, 1159:81–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Spiessens:1996:FOR

[2157] P. Spiessens and B. Manderick. Finding optimal representations using the crossover correlation coefficient. *Lecture Notes in Computer Science*, 1159: 91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lopez:1996:EAR

[2158] O. C. Lopez, R. M. Barcia, O. Eyada, and F. O. Gauthier. An evolutionary algorithm for resource-constrained project scheduling and multiple execution modes. *Lecture Notes in Computer Science*, 1159:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Robin:1996:ERS

[2159] J. Robin. Evaluating the robustness and scalability of revision-based natural language generation. *Lecture Notes in Computer Science*, 1159:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barros:1996:SAA

[2160] F. A. Barros. Semi-automatic anaphora resolution in portable natural language interfaces. *Lecture Notes in Computer Science*, 1159:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MachadoRino:1996:DMG

[2161] L. H. Machado Rino and D. Scott. A discourse model for gist preservation. *Lecture Notes in Computer Science*, 1159:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leite:1996:ICO

[2162] J. A. F. Leite and E. R. Hancock. Iterative curve organisation with the EM algorithm. *Lecture Notes in Computer Science*, 1159:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tagare:1996:MBP

[2163] H. Tagare and D. McDermott. Model-based pose proposal for 2-D object recognition. *Lecture Notes in Computer Science*, 1159:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DaSilva:1996:TIS

[2164] A. J. F. Da Silva and E. Oliveira. TARCA — an integrated system for diagnosis and treatment of cardiac arrhythmias. *Lecture Notes in Computer Science*, 1159:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Malheiro:1996:IDE

[2165] B. Malheiro and E. Oliveira. Intelligent distributed environmental decision support system. *Lecture Notes in Computer Science*, 1159:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DaSilva:1996:OOA

[2166] W. T. Da Silva and P. A. D. De Rezende. Object-oriented algorithm for combining dichotomic belief functions. *Lecture Notes in Computer Science*, 1159:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vasconcelos:1996:ABA

[2167] W. W. Vasconcelos, M. A. T. Aragao, and N. E. Fuchs. Automatic bottom-up analysis and transformation of logic programs. *Lecture Notes in Computer Science*, 1159:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeMeloRezende:1996:TEP

[2168] A. De Melo Rezende and J. Wainer. A temporal extension to the parsimonious covering theory. *Lecture Notes in Computer Science*, 1159:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roisenberg:1996:BIN

[2169] M. Roisenberg, J. M. Barreto, and F. M. Azevedo. Biological inspirations in neural network implementations of autonomous agents. *Lecture Notes in Computer Science*, 1159:211–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Moussalle:1996:ITS

[2170] N. M. Moussalle, R. M. Viccari, and M. Correa. Intelligent tutoring systems modelled through the mental states. *Lecture Notes in Computer Science*, 1159:221–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirota:1996:FFL

[2171] K. Hirota. Fundamentals of fuzzy logic and its hardware implementation. *Lecture Notes in Computer Science*, 1159:231–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klein:1996:SCC

[2172] M. Klein. Status and challenges for coordination technology: An AI perspective. *Lecture Notes in Computer*

Science, 1159:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

PereiraLopes:1996:CNL

[2173] J. G. Pereira Lopes. Combining natural language understanding and information retrieval for flexible hypertext navigation. *Lecture Notes in Computer Science*, 1159:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandri:1996:NMT

[2174] S. Sandri. Numerical models for the treatment of imperfect information in knowledge-based systems. *Lecture Notes in Computer Science*, 1159:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Viccari:1996:ITS

[2175] R. M. Viccari and L. M. Giraffa. Intelligent tutoring systems: Functional approach × agents approach. *Lecture Notes in Computer Science*, 1159:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aamodt:1996:CBR

[2176] A. Aamodt. The case-based reasoning paradigm: Perspective, technology and impacts. *Lecture Notes in Computer Science*, 1159:236–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bredeweg:1996:QMI

[2177] B. Bredeweg. Qualitative models for interactive articulated learning environments. *Lecture Notes in Computer Science*, 1159:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DaCosta:1996:HC

[2178] N. C. A. Da Costa and F. A. Doria. H-computation. *Lecture Notes in Computer Science*, 1159:238–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fisher:1996:CVS

[2179] R. B. Fisher. Is computer vision still AI? *Lecture Notes in Computer Science*, 1159:239–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hirota:1996:FRF

[2180] K. Hirota. Fuzzy robotics and fuzzy image understanding. *Lecture Notes in Computer Science*, 1159:240–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rocha:1996:TTM

[2181] A. F. Rocha. Toward a theory of molecular computing. *Lecture Notes in Computer Science*, 1159:241–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valiant:1996:MCN

[2182] L. G. Valiant. Managing complexity in neuroidal circuits (invited lecture). *Lecture Notes in Computer Science*, 1160:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takimoto:1996:LEE

[2183] E. Takimoto, Y. Sakai, and A. Maruoka. Learnability of exclusive-or expansion based on monotone DNF formulas. *Lecture Notes in Computer Science*, 1160: 12–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Long:1996:IBA

[2184] P. M. Long. Improved bounds about on-line learning of smooth functions of a single variable. *Lecture Notes in Computer Science*, 1160:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nakamura:1996:QLB

[2185] A. Nakamura. Query learning of bounded-width OBDDs. *Lecture Notes in Computer Science*, 1160:37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buening:1996:LRO

[2186] H. K. Buening and T. Lettmann. Learning a representation for optimizable formulas. *Lecture Notes in Computer Science*, 1160:51–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oliveira:1996:LEA

[2187] A. L. Oliveira and S. Edwards. Limits of exact algorithms for inference of minimum size finite state machines. *Lecture Notes in Computer Science*, 1160: 59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitanyi:1996:GFO

[2188] P. Vitanyi. Genetic fitness optimization using rapidly mixing Markov chains (invited lecture). *Lecture Notes in Computer Science*, 1160:67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baxter:1996:KCM

[2189] R. A. Baxter and J. J. Oliver. The kindest cut: minimum message length segmentation. *Lecture Notes in Computer Science*, 1160:83–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pearson:1996:RCD

[2190] R. A. Pearson and E. K. T. Smith. Reducing complexity of decision trees with two variable tests. *Lecture Notes in Computer Science*, 1160:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arvind:1996:CEL

[2191] V. Arvind and N. V. Vinodchandran. The complexity of exactly learning algebraic concepts. *Lecture Notes in Computer Science*, 1160:100–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fahmy:1996:ELR

[2192] A. F. Fahmy and R. S. Roos. Efficient learning of real time two-counter automata. *Lecture Notes in Computer Science*, 1160:113–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lavrac:1996:CSF

[2193] N. Lavrac, D. Gamberger, and P. Turney. Cost-sensitive feature reduction applied to a hybrid genetic algorithm. *Lecture Notes in Computer Science*, 1160:127–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Piramuthu:1996:EFS

[2194] S. Piramuthu. Effects of feature selection with blurring' on NeuroFuzzy systems. *Lecture Notes in Computer Science*, 1160:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quinlan:1996:BFO

[2195] J. R. Quinlan. Boosting first-order learning (invited lecture). *Lecture Notes in Computer Science*, 1160:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baerzdins:1996:IHK

[2196] J. Baerzdins and U. Sarkans. Incorporating hypothetical knowledge into the process of inductive synthesis. *Lecture Notes in Computer Science*, 1160:156–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Martin:1996:ICL

[2197] L. Martin and C. Vrain. Induction of constraint logic programs. *Lecture Notes in Computer Science*, 1160:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sugimoto:1996:CLT

[2198] N. Sugimoto, K. Hirata, and H. Ishizaka. Constructive learning of translations based on dictionaries. *Lecture Notes in Computer Science*, 1160:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lu:1996:ILP

[2199] J. Lu and J. Arima. Inductive logic programming beyond logical implication. *Lecture Notes in Computer Science*, 1160:185–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gamberger:1996:NEI

[2200] D. Gamberger, N. Lavrac, and S. Dzeroski. Noise elimination in inductive concept learning: a case study in medical diagnosis. *Lecture Notes in Computer Science*, 1160:199–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dowe:1996:MEP

[2201] D. L. Dowe, J. J. Oliver, and C. S. Wallace. MML estimation of the parameters of the spherical Fisher distribution. *Lecture Notes in Computer Science*, 1160:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lange:1996:LE

[2202] S. Lange, R. Wiehagen, and T. Zeugmann. Learning by erasing. *Lecture Notes in Computer Science*, 1160:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jain:1996:LCL

[2203] S. Jain, E. Kinber, and R. Wiehagen. On learning and co-learning of minimal programs. *Lecture Notes in Computer Science*, 1160:242–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shinohara:1996:IIU

[2204] T. Shinohara and H. Arimura. Inductive inference of unbounded unions of pattern languages from positive data (invited lecture). *Lecture Notes in Computer Science*, 1160:256–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

KrishnaRao:1996:CPP

[2205] M. R. K. Krishna Rao. A class of Prolog programs inferable from positive data. *Lecture Notes in Computer Science*, 1160:272–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Case:1996:VBL

[2206] J. Case, S. Jain, and F. Stephan. Vacillatory and BC learning on noisy data. *Lecture Notes in Computer Science*, 1160:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ambainis:1996:TPL

[2207] A. Ambainis and R. Freivalds. Transformations that preserve learnability. *Lecture Notes in Computer Science*, 1160:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Viksna:1996:PLI

[2208] J. Viksna. Probabilistic limit identification up to "small" sets. *Lecture Notes in Computer Science*, 1160:312–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grieser:1996:RII

[2209] G. Grieser. Reflecting inductive inference machines and its improvement by therapy. *Lecture Notes in Computer Science*, 1160:325–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mullender:1996:QSD

[2210] S. J. Mullender and P. Sijben. Quality of service in distributed multimedia systems. *Lecture Notes in Computer Science*, 1161:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Coulson:1996:CCR

[2211] G. Coulson and D. G. Waddington. A CORBA compliant real-time multimedia platform for broadband networks. *Lecture Notes in Computer Science*, 1161:14–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hellemans:1996:IHC

[2212] P. Hellemans, F. Steegmans, H. Vanderstraeten, and H. Zuidweg. Implementation of hidden concurrency in CORBA clients. *Lecture Notes in Computer Science*, 1161:30–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grasso:1996:POV

[2213] E. Grasso. Passing objects by value in CORBA. *Lecture Notes in Computer Science*, 1161:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schuster:1996:CMR

[2214] H. Schuster. Communication middleware for reliable workflow management systems. *Lecture Notes in Computer Science*, 1161:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roantree:1996:MMH

[2215] M. Roantree, P. Hickey, A. Crilly, and J. Murphy. Metadata modelling for healthcare applications in a federated database system. *Lecture Notes in Computer Science*, 1161:71–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dreier:1996:RRG

[2216] B. Dreier, A. Huber, M. Zahn, and H. Karl. ReGTime — Rent Gigaflops someTimes. *Lecture Notes in Computer Science*, 1161:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blair:1996:SCC

[2217] H. Blair, H. Green, S. J. Caughey, and S. K. Shrivastava. Structuring call control software using distributed objects. *Lecture Notes in Computer Science*, 1161:94–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Durmosch:1996:DIM

[2218] M. K. Durmosch, C. Egelhaaf, K.-D. Engel, and P. Schoo. Design and implementation of a mulitmedia communication service in a distributed environment based on the TINA-C architecture. *Lecture Notes in Computer Science*, 1161:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

TroncoFudoli:1996:ETC

[2219] T. R. Tronco Fudoli and E. Najm. Exercise of TINA concepts for a video broadcast service over ATM networks. *Lecture Notes in Computer Science*, 1161:122–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leclerc:1996:CBD

[2220] M. Leclerc, T. Muessener, C. Linnhoff-Popien, and S. Lipperts. CORBA-Based data transfer for financial risk management. *Lecture Notes in Computer Science*, 1161:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zielinski:1996:CTD

[2221] K. Zielinski, A. Uszok, and M. Steinder. Crossing technological domains using the Inter-ORB request level bridge — preliminary performance study. *Lecture Notes in Computer Science*, 1161:148–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Radestock:1996:CES

[2222] M. Radestock and S. Eisenbach. Coordination in evolving systems. *Lecture Notes in Computer Science*, 1161:162–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kunkelmann:1996:IDT

[2223] T. Kunkelmann, H. Vogler, and S. Thomas. Interoperability of distributed transaction processing systems. *Lecture Notes in Computer Science*, 1161:177–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gruender:1996:RID

[2224] H. Gruender and K. Geihs. Reuse and inheritance in distributed object systems. *Lecture Notes in Computer Science*, 1161:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thissen:1996:FOS

[2225] D. Thissen and C. Linnhoff-Popien. Finding optimal services within a CORBA trader. *Lecture Notes in Computer Science*, 1161:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mueller:1996:GTC

[2226] S. Mueller, K. Mueller-Jones, W. Lamersdorf, and T. Tu. Global trader cooperation in open service markets. *Lecture Notes in Computer Science*, 1161: 214–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Caneschi:1996:ARU

[2227] F. Caneschi. Analyzing requirements using ODP. *Lecture Notes in Computer Science*, 1161:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sinnott:1996:SMB

[2228] R. O. Sinnott and K. J. Turner. Specifying multimedia binding objects in Z. *Lecture Notes in Computer Science*, 1161:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sidou:1996:GEM

[2229] D. Sidou. A generic and executable model for the specification and validation of distributed behaviours. *Lecture Notes in Computer Science*, 1161:258–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frick:1996:FDI

[2230] O. Frick. Formal description and interpretation of coordination protocols for teamwork. *Lecture Notes in Computer Science*, 1161:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feitelson:1996:TCJ

[2231] D. G. Feitelson and L. Rudolph. Towards convergence in job schedulers for parallel supercomputers. *Lecture Notes in Computer Science*, 1162:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hotovy:1996:WEC

[2232] S. Hotovy. Workload evolution on the Cornell Theory Center IBM SP2. *Lecture Notes in Computer Science*, 1162: 27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Skovira:1996:ELA

[2233] J. Skovira, W. Chan, H. Zhou, and D. Lifka. The EASY — LoadLeveler API project. *Lecture Notes in Computer Science*, 1162:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wan:1996:BSI

[2234] M. Wan, R. Moore, G. Kremenek, and K. Steube. A batch scheduler for the Intel Paragon MPP system with a non-contiguous node allocation algorithm. *Lecture Notes in Computer Science*, 1162:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gehring:1996:AIR

[2235] J. Gehring and F. Ramme. Architecture-independent request-scheduling with tight waiting-time estimations. *Lecture Notes in Computer Science*, 1162:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feitelson:1996:PSG

[2236] D. G. Feitelson. Packing schemes for gang scheduling. *Lecture Notes in Computer Science*, 1162:89–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:GSD

[2237] F. Wang, H. Franke, M. Papaefthymiou, and P. Pattnaik. A gang scheduling design for multiprogrammed parallel computing environments. *Lecture Notes in Computer Science*, 1162:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hori:1996:IGS

[2238] A. Hori, H. Tezuka, Y. Ishikawa, and N. Soda. Implementation of gang-scheduling on workstation cluster. *Lecture Notes in Computer Science*, 1162:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pruyne:1996:MCP

[2239] J. Pruyne and M. Livny. Managing checkpoints for parallel programs. *Lecture Notes in Computer Science*, 1162:140–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nguyen:1996:URM

[2240] T. D. Nguyen, R. Vaswani, and J. Zahorjan. Using runtime measured workload characteristics in parallel processor scheduling. *Lecture Notes in Computer Science*, 1162:155–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nguyen:1996:PAC

[2241] T. D. Nguyen, R. Vaswani, and J. Zahorjan. Parallel application characteristics for multiprocessor scheduling policy design. *Lecture Notes in Computer Science*, 1162:175–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chiang:1996:DVS

[2242] S.-H. Chiang and M. Vernon. Dynamic vs. static quantum-based parallel processor allocation. *Lecture Notes in Computer Science*, 1162:200–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Padhye:1996:DVA

[2243] J. D. Padhye and L. W. Dowdy. Dynamic versus adaptive processor allocation policies for message passing parallel computers: An empirical comparison. *Lecture Notes in Computer*

Science, 1162:224–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Islam:1996:DPD

[2244] N. Islam, A. Prodromidis, and M. S. Squillante. Dynamic partitioning in different distributed-memory environments. *Lecture Notes in Computer Science*, 1162:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bellosa:1996:LIB

[2245] F. Bellosa. Locality information based scheduling in shared memory multiprocessors. *Lecture Notes in Computer Science*, 1162:271–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenstra:1996:GSD

[2246] A. K. Lenstra. Generating standard DSA signatures without long inversion. *Lecture Notes in Computer Science*, 1163:57–64, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miyaji:1996:MRS

[2247] A. Miyaji. A message recovery signature scheme equivalent to DSA over elliptic curves. *Lecture Notes in Computer Science*, 1163:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Biehl:1996:CPB

[2248] I. Biehl, B. Meyer, and C. Thiel. Cryptographic protocols based on real-quadratic A-fields. *Lecture Notes in Computer Science*, 1163:15–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:MYP

[2249] R. Anderson and S. Vaudenay. Minding your p's and q's. *Lecture Notes in Computer Science*, 1163:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Just:1996:AMP

[2250] M. Just and S. Vaudenay. Authenticated multi-party key agreement. *Lecture Notes in Computer Science*, 1163: 36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McCurley:1996:CIL

[2251] K. S. McCurley. Cryptography and the Internet: Lessons and challenges. *Lecture Notes in Computer Science*, 1163: 50–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeWin:1996:FSI

[2252] E. De Win, A. Bosselaers, S. Vandenberghe, and P. De Getsem. A fast software implementation for arithmetic operations in GF(20n). *Lecture Notes in Computer Science*, 1163:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Knudsen:1996:HFB

[2253] L. Knudsen and B. Preneel. Hash functions based on block ciphers and quaternary codes. *Lecture Notes in Computer Science*, 1163:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nyberg:1996:GFN

[2254] K. Nyberg. Generalized Feistel networks. *Lecture Notes in Computer Science*, 1163:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hawkes:1996:ALC

[2255] P. Hawkes and L. O'Connor. On applying linear cryptanalysis to IDEA. *Lecture Notes in Computer Science*, 1163: 105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fan:1996:MRT

[2256] C.-I. Fan and C.-L. Lei. A multi-recastable ticket scheme for electronic elections. *Lecture Notes in Computer Science*, 1163:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michels:1996:SRR

[2257] M. Michels and P. Horster. Some remarks on a receipt-free and universally verifiable mix-type voting scheme. *Lecture Notes in Computer Science*, 1163: 125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1996:ONR

[2258] J. Zhou and D. Gollmann. Observations on non-repudiation. *Lecture Notes in Computer Science*, 1163:133–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bleichenbacher:1996:EOT

[2259] D. Bleichenbacher and U. Maurer. On the efficiency of one-time digital signatures. *Lecture Notes in Computer Science*, 1163:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakurai:1996:HCA

[2260] K. Sakurai. A hidden cryptographic assumption in no-transferable identification schemes. *Lecture Notes in Computer Science*, 1163:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tsujii:1996:EMK

[2261] S. Tsujii. Electronic money and key management from global and regional points of view. *Lecture Notes in Computer Science*, 1163:173–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kobara:1996:LVS

[2262] K. Kobara and H. Imai. Limiting the visible space visual secret sharing schemes and their application to human identification. *Lecture Notes in Computer Science*, 1163:185–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maurer:1996:TCW

[2263] U. Maurer and S. Wolf. Towards characterizing when information-theoretic secret key agreement is possible. *Lecture Notes in Computer Science*, 1163: 196–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Korjik:1996:KSB

[2264] V. Korjik and D. Kushnir. Key sharing based on the wire-tap channel type II concept with noisy main channel. *Lecture Notes in Computer Science*, 1163:210–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kurosawa:1996:GHO

[2265] K. Kurosawa and T. Satoh. Generalization of higher order SAC to vector output Boolean functions. *Lecture Notes in Computer Science*, 1163:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chee:1996:CIF

[2266] S. Chee, S. Lee, D. Lee, and Soo Hak Sung. On the correlation immune functions and their nonlinearity. *Lecture Notes in Computer Science*, 1163:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abe:1996:HDB

[2267] M. Abe and E. Fujisaki. How to date blind signatures. *Lecture Notes in Computer Science*, 1163:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pointcheval:1996:PSB

[2268] D. Pointcheval and J. Stern. Provably secure blind signature schemes. *Lecture Notes in Computer Science*, 1163:252–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MRaihi:1996:CEP

[2269] D. M'Raihi. Cost-effective payment schemes with privacy regulation. *Lecture Notes in Computer Science*, 1163:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1996:MRI

[2270] A. Chan, Y. Frankel, P. MacKenzie, and Y. Tsiounis. Mis-representation of identities in E-cash schemes and how to prevent it. *Lecture Notes in Computer Science*, 1163:276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frankel:1996:IDP

[2271] Y. Frankel, Y. Tsiounis, and M. Yung. "indirect discourse proofs": Achieving efficient fair off-line E-cash. *Lecture Notes in Computer Science*, 1163:286–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stern:1996:VCA

[2272] J. Stern. The validation of cryptographic algorithms. *Lecture Notes in Computer Science*, 1163:301–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:CGS

[2273] Seung Joo Kim, Sung Jun Park, and Dong Ho Won. Convertible group signatures. *Lecture Notes in Computer Science*, 1163:311–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mambo:1996:HUT

[2274] M. Mambo, K. Sakurai, and E. Okamoto. How to utilize the transformability of digital signatures for solving the Oracle Problem. *Lecture Notes in Computer Science*, 1163:322–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Michels:1996:RDS

[2275] M. Michels and P. Horster. On the risk of disruption in several multiparty signature schemes. *Lecture Notes in Computer Science*, 1163:334–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geiselmann:1996:CAC

[2276] W. Geiselmann and D. Gottmann. Correlation attacks on cascades of clock controlled shift registers. *Lecture Notes in Computer Science*, 1163:346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:CCA

[2277] Sangjin Lee, Seongtaek Chee, Sangjoon Park, and Sungmo Park. Conditional correlation attack on nonlinear filter generators. *Lecture Notes in Computer Science*, 1163:360–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chabaud:1996:CSS

[2278] F. Chabaud and J. Stern. The cryptographic security of the syndrome decoding problem for rank distance codes. *Lecture Notes in Computer Science*, 1163:368–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cowie:1996:WWN

[2279] J. Cowie, B. Dodson, R. M. Elkenbracht-Huizing, and A. K. Lenstra. A world wide number field sieve factoring record: on to 512 bits. *Lecture Notes in Computer Science*, 1163:382–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berquist:1996:MIH

[2280] K. Berquist and A. Berquist. Managing information highways. *Lecture Notes in Computer Science*, 1164:1–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abrial:1996:ASB

[2281] J.-R. Abrial, E. Boerger, and H. Langmaack. ABL: The steam boiler case study: Competition of formal program specification and development methods. *Lecture Notes in Computer Science*, 1165:1–12, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Addibpour:1996:SSP

[2282] M. Addibpour and E. Tyugu. AT: Structural synthesis of programs from refined user requirements (programming boiler control in NUT). *Lecture Notes in Computer Science*, 1165:13–34, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andriessens:1996:AUF

[2283] C. Andriessens and T. Lindner. AL: Using FOCUS, LUSTRE, and probability theory for the design of a reliable control program. *Lecture Notes in Computer Science*, 1165:35–51, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Beierle:1996:BRA

[2284] C. Beierle, E. Boerger, I. Durdanovic, and U. Glaesser. BBDGR: Refining abstract machine specifications of the steam boiler control to well documented executable code. *Lecture Notes in Computer Science*, 1165:52–78, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bidoit:1996:BAS

[2285] M. Bidoit, C. Chevenier, C. Pellen, and J. Ryckbosch. BCPR: An algebraic specification of the steam-boiler control system. *Lecture Notes in Computer Science*, 1165:79–108, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buessow:1996:BSB

[2286] R. Buessow and M. Weber. BW: a steam-boiler control specification with statecharts and Z. *Lecture Notes in Computer Science*, 1165:109–128, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Butler:1996:BAS

[2287] M. Butler, E. Sekerinski, and K. Sere. BSS: An action system approach to the steam boiler problem. *Lecture Notes in Computer Science*, 1165:129–148, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cattel:1996:CSB

[2288] T. Cattel and G. Duval. CD: The steam-boiler problem in lustre. *Lecture Notes in Computer Science*, 1165:149–164, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cuellar:1996:CSB

[2289] J. Cuellar and I. Wildgruber. CW1: The steam boiler problem — A TLT solution. *Lecture Notes in Computer Science*, 1165:165–183, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cuellar:1996:CRT

[2290] J. Cuellar and I. Wildgruber. CW2: The real-time behavior of the steam boiler. *Lecture Notes in Computer Science*, 1165:184–202, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duval:1996:DSV

[2291] G. Duval and T. Cattel. DC: Specifying and verifying the steam-boiler problem with SPIN. *Lecture Notes in Computer Science*, 1165:203–217, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gargantini:1996:GTS

[2292] A. Gargantini and A. Morzenti. GM: TRIO specification of a steam boiler controller. *Lecture Notes in Computer Science*, 1165:218–232, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaudel:1996:GFS

[2293] M.-C. Gaudel, P. Dauchy, and C. Khoury. GDK: a formal specification of the steam-boiler control problem by algebraic specifications with implicit state. *Lecture Notes in Computer*

Science, 1165:233–264, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Henzinger:1996:HUH

[2294] T. A. Henzinger and H. Wong-Toi. HW: Using HyTech to synthesize control parameters for a steam boiler. *Lecture Notes in Computer Science*, 1165: 265–282, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ledru:1996:LVS

[2295] Y. Ledru and M.-L. Potet. LP: a VDM specification of the steam-boiler problem. *Lecture Notes in Computer Science*, 1165:283–317, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leeb:1996:LPS

[2296] G. Leeb and N. Lynch. LL: Proving safety properties of the steam boiler controller. *Lecture Notes in Computer Science*, 1165:318–338, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lesske:1996:LSB

[2297] F. Lesske and S. Merz. LM: Steam boiler control specification problem: a TLA solution. *Lecture Notes in Computer Science*, 1165:339–358, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:LSO

[2298] X. Li and J. Wang. LW: Specifying optimal design of a steam-boiler system. *Lecture Notes in Computer Science*, 1165:359–378, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oelveczky:1996:OOO

[2299] P. C. Oelveczky, P. Kosiuczenko, and M. Wirsing. OKW: An object-oriented algebraic steam-boiler control specification. *Lecture Notes in Computer Science*, 1165:379–402, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schenke:1996:SRC

[2300] M. Schenke and A. P. Ravn. SR: Refinement from a control problem to programs. *Lecture Notes in Computer Science*, 1165:403–427, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schinagl:1996:VSS

[2301] C. P. Schinagl. S: VDM specification of the steam-boiler control using RSL notation. *Lecture Notes in Computer Science*, 1165:428–452, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vitt:1996:VAS

[2302] J. Vitt and J. Hooman. VH: Assertional specification and verification using PVS of the steam boiler control system. *Lecture Notes in Computer Science*, 1165:453–472, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Willig:1996:WSV

[2303] A. Willig and I. Schieferdecker. WS: Specifying and verifying the steam-boiler control system with time extended LOTOS. *Lecture Notes in Computer Science*, 1165:473–492, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Loetzbeyer:1996:SSB

[2304] A. Loetzbeyer. L: Simulation of a steam-boiler. *Lecture Notes in Computer Science*, 1165:493–499, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abrial:1996:SBC

[2305] J.-R. Abrial. A steam-boiler control specification problem. *Lecture Notes in Computer Science*, 1165:500–509, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keutzer:1996:NFM

[2306] K. Keutzer. The need for formal methods for integrated circuit design. *Lecture Notes in Computer Science*, 1166: 1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:VAC

[2307] Y.-A. Chen, E. Clarke, P.-H. Ho, Y. Hoskote, T. Kam, M. Khaira, J. O. Leary, and X. Zhao. Verification of all circuits in a floating-point unit using word-level model checking. *Lecture Notes in Computer Science*, 1166:19–33, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Arditi:1996:BCD

[2308] L. Arditi. BMDs can delay the use of theorem proving for verifying arithmetic assembly instructions. *Lecture Notes in Computer Science*, 1166:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ravi:1996:MVM

[2309] K. Ravi, A. Pardo, G. D. Hachtel, and F. Somenzi. Modular verification of multipliers. *Lecture Notes in Computer Science*, 1166:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miner:1996:VIC

[2310] P. S. Miner and J. F. Leathrum. Verification of IEEE compliant subtractive division algorithms. *Lecture Notes in Computer Science*, 1166:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruess:1996:HVT

[2311] H. Ruess. Hierarchical verification of two-dimensional high-speed multiplication in PVS: a case study. *Lecture Notes in Computer Science*, 1166:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cantu:1996:EAH

[2312] F. J. Cantu, A. Bundy, A. Smaill, and D. Basin. Experiments in automating hardware verification using inductive proof planning. *Lecture Notes in Computer Science*, 1166:94–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jain:1996:VNI

[2313] A. Jain, K. Nelson, and R. E. Bryant. Verifying nondeterministic implementations of deterministic systems. *Lecture Notes in Computer Science*, 1166: 109–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Lewin:1996:MPI

[2314] D. M. Lewin, D. H. Lorenz, and S. Ur. A methodology for processor implementation verification. *Lecture Notes in Computer Science*, 1166:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geist:1996:CDT

[2315] D. Geist, M. Farkas, A. Landver, and Y. Lichtenstein. Coverage-directed test generation using symbolic techniques. *Lecture Notes in Computer Science*, 1166:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1996:SCC

[2316] R. B. Jones, C.-J. H. Seger, and D. L. Dill. Self-consistency checking. *Lecture Notes in Computer Science*, 1166:159–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cyrluk:1996:IAM

[2317] D. Cyrluk. Inverting the abstraction mapping: a methodology for hardware verification. *Lecture Notes in Computer Science*, 1166:172–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barrett:1996:VCC

[2318] C. Barrett, D. L. Dill, and J. Levitt. Validity checking for combinations of theories with equality. *Lecture Notes in Computer Science*, 1166:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schneider:1996:UAC

[2319] K. Schneider and T. Kropf. A unified approach for combining different formalisms for hardware verification. *Lecture Notes in Computer Science*, 1166:202–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hojati:1996:VUU

[2320] R. Hojati, A. Isles, D. Kirkpatrick, and R. K. Brayton. Verification using uninterpreted functions and finite instantiations. *Lecture Notes in Computer Science*, 1166:218–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1996:FVI

[2321] Z. Zhou, X. Song, S. Tahar, and E. Cerny. Formal verification of the island tunnel controller using multiway decision graphs. *Lecture Notes in Computer Science*, 1166:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brayton:1996:V

[2322] R. K. Brayton, G. D. Hachtel, A. Sangiovanni-Vincentelli, and F. Somenzi. VIS. *Lecture Notes in Computer Science*, 1166:248–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shankar:1996:PCS

[2323] N. Shankar. PVS: Combining specification, proof checking, and model checking. *Lecture Notes in Computer Science*, 1166:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harrison:1996:HLT

[2324] J. Harrison. HOL light: a tutorial introduction. *Lecture Notes in Computer Science*, 1166:265–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bose:1996:TDD

[2325] B. Bose, M. Esen Tuna, and V. Choppella. A tutorial on digital design derivation using DRS. *Lecture Notes in Computer Science*, 1166:270–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brock:1996:ATA

[2326] B. Brock, M. Kaufmann, and J. S. Moore. ACL2 theorems about commercial microprocessors. *Lecture Notes in Computer Science*, 1166:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kumar:1996:FSC

[2327] R. Kumar, C. Blumenroehr, D. Eisenbiegler, and D. Schmid. Formal synthesis in circuit design — a classification and survey. *Lecture Notes in Computer Science*, 1166:294–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bickford:1996:FSV

[2328] M. Bickford and D. Jamsek. Formal specification and verification of VHDL. *Lecture Notes in Computer Science*, 1166:310–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Narasimhan:1996:SCF

[2329] N. Narasimhan and R. Vemuri. Specification of control flow properties for verification of synthesized VHDL designs. *Lecture Notes in Computer Science*, 1166:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fox:1996:AMC

[2330] A. C. J. Fox and N. A. Harman. An algebraic model of correctness for superscalar microprocessors. *Lecture Notes in Computer Science*, 1166:346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Windley:1996:MCL

[2331] P. J. Windley and J. R. Burch. Mechanically checking a lemma used in an automatic verification tool. *Lecture Notes in Computer Science*, 1166:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Su:1996:AGI

[2332] J. X. Su, D. L. Dill, and C. W. Barrett. Automatic generation of invariants in processor verification. *Lecture Notes in Computer Science*, 1166:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sentovich:1996:BSB

[2333] E. M. Sentovich. A brief study of BDD package performance. *Lecture Notes in Computer Science*, 1166:389–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meinel:1996:LET

[2334] C. Meinel and T. Theobald. Local encoding transformations for optimizing OBDD-representations of finite state machines. *Lecture Notes in Computer Science*, 1166:404–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jain:1996:DTE

[2335] J. Jain, A. Narayan, C. Coelho, and S. P. Khatri. Decomposition techniques for efficient ROBDD construction. *Lecture Notes in Computer Science*, 1166:419–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yoneda:1996:BVZ

[2336] T. Yoneda, H. Hatori, A. Takahara, and S.-I. Minato. BDDs vs. zero-suppressed BDDs: For CTL symbolic model checking of Petri nets. *Lecture Notes in Computer Science*, 1166:435–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borrione:1996:HBI

[2337] D. Borrione, H. Bouamama, D. Deharbe, and C. Le Faou. HDL-Based integration of formal methods and CAD tools in the prevail environment. *Lecture Notes in Computer Science*, 1166: 450–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zeller:1996:SOS

[2338] A. Zeller. Smooth operations with square operators — the version set model in ICE. *Lecture Notes in Computer Science*, 1167:8–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Magnusson:1996:FGV

[2339] B. Magnusson and U. Asklund. Fine grained version control of configurations in COOP/ orm. *Lecture Notes in Computer Science*, 1167:31–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hunt:1996:ESD

[2340] J. J. Hunt, K.-P. Vo, and W. F. Tichy. An empirical study of delta algorithms. *Lecture Notes in Computer Science*, 1167:49–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seiwald:1996:IFB

[2341] C. Seiwald. Inter-file branching — A practical method for representing variants. *Lecture Notes in Computer Science*, 1167:67–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tibrook:1996:ACS

[2342] D. Tibrook. An architecture for a construction system. *Lecture Notes in Computer Science*, 1167:76–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Conradi:1996:CVS

[2343] R. Conradi and B. Westfechtel. Configuring versioned software products. *Lecture Notes in Computer Science*, 1167:88–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Munch:1996:HMV

[2344] B. P. Munch. HiCoV: Managing the version space. *Lecture Notes in Computer Science*, 1167:110–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Estublier:1996:WSM

[2345] J. Estublier. Work space management in software engineering environments. *Lecture Notes in Computer Science*, 1167:127–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perry:1996:SCS

[2346] D. E. Perry. System compositions and shared dependencies. *Lecture Notes in Computer Science*, 1167:139–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Belanger:1996:IWA

[2347] D. Belanger, D. Korn, and H. Rao. Infrastructure for wide-area software development. *Lecture Notes in Computer Science*, 1167:154–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Reuter:1996:DRC

[2348] J. Reuter, S. U. Haenssgen, J. J. Hunt, and W. F. Tichy. Distributed revision control via the WWW. *Lecture Notes in Computer Science*, 1167:166–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Micallef:1996:ASA

[2349] J. Micallef and G. M. Clemm. The Asgard system: Activity-based configuration management. *Lecture Notes in Computer Science*, 1167:175–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Auer:1996:ERM

[2350] A. Auer and J. Taramaa. Experience report on the maturity of configuration management of embedded software. *Lecture Notes in Computer Science*, 1167:187–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gulla:1996:EUC

[2351] B. Gulla and J. Gorman. Experiences with the use of a configuration language. *Lecture Notes in Computer Science*, 1167:198–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kolvik:1996:ICM

[2352] S. Kolvik. Introducing configuration management in an organisation. *Lecture Notes in Computer Science*, 1167:220–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:OTB

[2353] T. Lee, P. Thomas, and V. Lowen. An odyssey towards best SCM practices: The big picture. *Lecture Notes in Computer Science*, 1167:231–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dart:1996:BPC

[2354] S. Dart. Best practice for a CM solution. *Lecture Notes in Computer Science*, 1167:239–??, ???? 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bendix:1996:FSR

[2355] L. Bendix. Fully supported recursive workspaces. *Lecture Notes in Computer Science*, 1167:256–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Crnkovic:1996:EUS

[2356] I. Crnkovic. Experience of using a simple SCM tool in a complex development environment. *Lecture Notes in Computer Science*, 1167:262–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Eilfield:1996:CMG

[2357] P. Eilfield. Configuration management as "glueware" for development of client/server-applications in heterogeneous and distributed environments. *Lecture Notes in Computer Science*, 1167:264–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heimbigner:1996:PDC

[2358] D. Heimbigner and A. L. Wolf. Post-deployment configuration management. *Lecture Notes in Computer Science*, 1167:272–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MacKay:1996:CSR

[2359] S. A. MacKay. Change sets revisited and CM of complex documents. *Lecture Notes in Computer Science*, 1167:277–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dix:1996:MSV

[2360] A. Dix, T. Rodden, and I. Sommerville. Modeling the sharing of versions. *Lecture Notes in Computer Science*, 1167:282–??, ???? 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aleven:1996:HDD

[2361] V. Aleven and K. D. Ashley. How different is different? Arguing about the significance of similarities and differences. *Lecture Notes in Computer Science*, 1168:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aarts:1996:TCB

[2362] R. J. Aarts and J. Rousu. Towards CBR for bioprocess planning. *Lecture Notes in Computer Science*, 1168:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bergmann:1996:RAC

[2363] R. Bergmann and W. Wilke. On the role of abstraction in case-based reasoning. *Lecture Notes in Computer Science*, 1168:28–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bonzano:1996:ICS

[2364] A. Bonzano, P. Cunningham, and C. Meckiff. ISAC: A CBR system for decision support in air traffic control. *Lecture Notes in Computer Science*, 1168:44–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boerner:1996:SSA

[2365] K. Boerner, E. Pippig, E.-C. Tammer, and C.-H. Coulon. Structural similarity and adaptation. *Lecture Notes in Computer Science*, 1168:58–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Branting:1996:JSD

[2366] L. K. Branting and J. C. Lester. Justification structures for document reuse. *Lecture Notes in Computer Science*, 1168:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Collins:1996:AGR

[2367] B. Collins and P. Cunningham. Adaptation guided retrieval in EBMT: a case-based approach to machine translation. *Lecture Notes in Computer Science*, 1168:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Daengdej:1996:DCI

[2368] J. Daengdej, D. Lukose, E. Tsui, and P. Beinat. Dynamically creating indices for two million cases: A real world problem. *Lecture Notes in Computer Science*, 1168:105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dubitzky:1996:CMB

[2369] W. Dubitzky, J. G. Hughes, and D. A. Bell. Case memory and the behaviouristic model of concepts and cognition. *Lecture Notes in Computer Science*, 1168:120–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez-Chamizo:1996:SOR

[2370] C. Fernandez-Chamizo, P. A. Gonzalez-Calero, M. Gomez-Albarran, and L. Hernandez-Yanez. Supporting object reuse through case-based reasoning. *Lecture Notes in Computer Science*, 1168:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goel:1996:MCE

[2371] A. K. Goel and J. W. Murdock. Meta-cases: Explaining case-based reasoning. *Lecture Notes in Computer Science*, 1168:150–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grimnes:1996:TLC

[2372] M. Grimnes and A. Aamodt. A two layer case-based reasoning architecture for medical image understanding. *Lecture Notes in Computer Science*, 1168:164–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hanney:1996:LAR

[2373] K. Hanney and M. T. Keane. Learning adaptation rules from a case-base. *Lecture Notes in Computer Science*, 1168:179–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ye:1996:EAM

[2374] H. Ye. An evolutionary agent model of case-based classification. *Lecture Notes in Computer Science*, 1168:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kamp:1996:UDL

[2375] G. Kamp. Using description logics for knowledge intensive case-based reasoning. *Lecture Notes in Computer Science*, 1168:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenz:1996:ACR

[2376] M. Lenz, H.-D. Burkhard, and S. Brueckner. Applying case retrieval nets to diagnostic tasks in technical domains. *Lecture Notes in Computer Science*, 1168:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Macedo:1996:PSN

[2377] L. Macedo, F. C. Pereira, C. Grilo, and A. Cardoso. Plans as structured networks of hierarchically and temporally related case pieces. *Lecture Notes in Computer Science*, 1168:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maiden:1996:TPA

[2378] N. A. M. Maiden. The transfer problem in analogical reuse. *Lecture Notes in Computer Science*, 1168:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Micarelli:1996:CBS

[2379] A. Micarelli and F. Sciarrone. A case-based system for adaptive hypermedia navigation. *Lecture Notes in Computer Science*, 1168:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Munoz-Avila:1996:FWE

[2380] H. Muñoz-Avila and J. Huellen. Feature weighting by explaining case-based planning episodes. *Lecture Notes in Computer Science*, 1168:280–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Napoli:1996:CBP

[2381] A. Napoli, J. Lieber, and R. Curien. Classification-based problem-solving in case-based reasoning. *Lecture Notes in Computer Science*, 1168:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Osborne:1996:CBS

[2382] H. R. Osborne and D. G. Bridge. A case base similarity framework. *Lecture Notes in Computer Science*, 1168: 309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Plaza:1996:ISE

[2383] E. Plaza, R. Lopez de Mantaras, and E. Armengol. On the importance of similitude: An entropy-based assessment. *Lecture Notes in Computer Science*, 1168:324–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rahmer:1996:CEC

[2384] J. Rahmer and A. Voss. Case-enhanced configuration by resource balancing. *Lecture Notes in Computer Science*, 1168:339–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rousu:1996:ACC

[2385] J. Rousu and R. J. Aarts. Adaptation cost as a criterion for solution evaluation. *Lecture Notes in Computer Science*, 1168:354–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schaaf:1996:FSN

[2386] J. W. Schaaf. Fish and shrink. A next step towards efficient case retrieval in large-scale case bases. *Lecture Notes in Computer Science*, 1168:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmidt:1996:ADT

[2387] R. Schmidt, B. Heindl, B. Pollwein, and L. Gierl. Abstractions of data and time for multiparametric time course prognoses. *Lecture Notes in Computer Science*, 1168:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smyth:1996:UPA

[2388] B. Smyth and P. Cunningham. The utility problem analysed: a case-based reasoning perspective. *Lecture Notes in Computer Science*, 1168:392–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Surma:1996:RSF

[2389] J. Surma and B. Braunschweig. REPRO: Supporting flowsheet design by case-base retrieval. *Lecture Notes in Computer Science*, 1168:400–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tirri:1996:BFC

[2390] H. Tirri, P. Kontkanen, and P. Myllymaeki. A Bayesian framework for case-based reasoning. *Lecture Notes in Computer Science*, 1168:413–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voss:1996:PCR

[2391] A. Voss. Principles of case reusing systems. *Lecture Notes in Computer Science*, 1168:428–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Weber-Lee:1996:UTT

[2392] R. Weber-Lee, R. M. Barcia, A. Martins, and R. C. Pacheco. Using typicality theory to select the best match. *Lecture Notes in Computer Science*, 1168:445–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilke:1996:CDC

[2393] W. Wilke and R. Bergmann. Considering decision cost during learning of feature weights. *Lecture Notes in Computer Science*, 1168:460–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zdrahal:1996:CBP

[2394] Z. Zdrahal and E. Motta. Case-based problem solving methods for parametric design tasks. *Lecture Notes in Computer Science*, 1168:473–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barr:1996:CKM

[2395] J. M. Barr and R. V. Magaldi. Corporate knowledge management for the Millennium. *Lecture Notes in Computer Science*, 1168:487–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bouchet:1996:CBR

[2396] J.-L. Bouchet and C. Eichenbaum-Voline. Case-based reasoning techniques applied to operation experience feedback in nuclear power plants. *Lecture Notes in Computer Science*, 1168: 497–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heider:1996:TCE

[2397] R. Heider. Troubleshooting CFM 56-3 engines for the Boeing 737 — using CBR and data-mining. *Lecture Notes in Computer Science*, 1168:512–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klahr:1996:GCB

[2398] P. Klahr. Global case-base development and deployment. *Lecture Notes in Computer Science*, 1168:519–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broy:1996:RMS

[2399] M. Broy and L. Lamport. The RPC-Memory specification problem — problem statement. *Lecture Notes in Computer Science*, 1169:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broy:1996:RMC

[2400] M. Broy, S. Merz, and K. Spies. The RPC-Memory case study: a synopsis. *Lecture Notes in Computer Science*, 1169:5–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Abadi:1996:TSR

[2401] M. Abadi, L. Lamport, and S. Merz. A TLA solution to the RPC-Memory specification problem. *Lecture Notes in Computer Science*, 1169:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Astesiano:1996:DSR

[2402] E. Astesiano and G. Reggio. A dynamic specification of the RPC-Memory problem. *Lecture Notes in Computer Science*, 1169:67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Best:1996:MMS

[2403] E. Best. A memory module specification using composable high-level Petri nets. *Lecture Notes in Computer Science*, 1169:109–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blom:1996:COT

[2404] J. Blom and B. Jonsson. Constraint oriented temporal logic specification. *Lecture Notes in Computer Science*, 1169:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broy:1996:FSR

[2405] M. Broy. A functional solution to the RPC-Memory specification problem. *Lecture Notes in Computer Science*, 1169:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cuellar:1996:SRM

[2406] J. Cuellar, D. Barnard, and M. Huber. A solution relying on the model checking of Boolean transition systems. *Lecture Notes in Computer Science*, 1169:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gotzhein:1996:ATL

[2407] R. Gotzhein. Applying a temporal logic to the RPC-Memory specification problem. *Lecture Notes in Computer Science*, 1169:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hooman:1996:UPA

[2408] J. Hooman. Using PVS for an assertional verification of the RPC-Memory specification problem. *Lecture Notes in Computer Science*, 1169:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hungar:1996:SVU

[2409] H. Hungar. Specification and verification using a visual formalism on top of temporal logic. *Lecture Notes in Computer Science*, 1169:305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Klarlund:1996:CSV

[2410] N. Klarlund, M. Nielsen, and K. Sunesen. A case study in verification based on trace abstractions. *Lecture Notes in Computer Science*, 1169:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kurki-Suonio:1996:ISJ

[2411] R. Kurki-Suonio. Incremental specification with joint actions: The RPC-Memory specification problem. *Lecture Notes in Computer Science*, 1169:375–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1996:MMC

[2412] K. G. Larsen, B. Steffen, and C. Weise. The methodology of modal constraints. *Lecture Notes in Computer Science*, 1169:405–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Romijn:1996:TRM

[2413] J. Romijn. Tackling the RPC-Memory specification problem with I/O automata. *Lecture Notes in Computer Science*, 1169:437–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stoelen:1996:URS

[2414] K. Stoelen. Using relations on streams to solve the RPC-Memory specification problem. *Lecture Notes in Computer Science*, 1169:477–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Udink:1996:RMS

[2415] R. T. Udink and J. N. Kok. The RPC-Memory specification problem: UNITY + refinement calculus. *Lecture Notes in Computer Science*, 1169: 521–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Orlowski:1996:CFI

[2416] S. Orlowski. The changing face of information technology security. *Lecture Notes in Computer Science*, 1172:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hardjono:1996:RKA

[2417] T. Hardjono and J. Seberry. Replicating the Kuperee authentication server for increased security and reliability. *Lecture Notes in Computer Science*, 1172:14–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Taylor:1996:NRP

[2418] R. Taylor. Non-repudiation without public-key. *Lecture Notes in Computer Science*, 1172:27–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hah:1996:INR

[2419] Y. Hah. Investigation of non-repudiation protocols. *Lecture Notes in Computer Science*, 1172:38–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hwang:1996:DSS

[2420] S.-J. Hwang and C.-C Chang. A dynamic secret sharing scheme with cheater detection. *Lecture Notes in Computer Science*, 1172:48–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Renvall:1996:NSS

[2421] A. Renvall and C. Ding. A nonlinear secret sharing scheme. *Lecture Notes in Computer Science*, 1172:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Renvall:1996:ASS

[2422] A. Renvall and C. Ding. The access structure of some secret-sharing schemes. *Lecture Notes in Computer Science*, 1172:67–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1996:CRF

[2423] C.-K. Wu and E. Dawson. On construction of resilient functions. *Lecture Notes in Computer Science*, 1172:79–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dawson:1996:AAS

[2424] E. Dawson and J. He. Another approach to software key escrow encryption. *Lecture Notes in Computer Science*, 1172:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pieprzyk:1996:CBT

[2425] J. Pieprzyk, H. Ghodosi, C. Charnes, and R. Safavi-Naini. Cryptography based on transcendental numbers. *Lecture Notes in Computer Science*, 1172: 96–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Troy:1996:BSI

[2426] E. Troy. Breakthroughs in standardization of IT security criteria. *Lecture Notes in Computer Science*, 1172:108–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:TAP

[2427] L. Chen, D. Gollmann, and C. Mitchell. Tailoring authentication protocols to match underlying mechanisms. *Lecture Notes in Computer Science*, 1172:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mu:1996:DSP

[2428] Y. Mu and V. Varadharajan. On the design of security protocols for mobile communications. *Lecture Notes in Computer Science*, 1172:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boyd:1996:FDK

[2429] C. Boyd. A framework for design of key establishment protocols. *Lecture Notes in Computer Science*, 1172:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golic:1996:PMS

[2430] J. Golic. On period of multipleted sequences. *Lecture Notes in Computer Science*, 1172:158–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Golic:1996:EDC

[2431] J. Golic. Edit distance correlation attacks on clock-controlled combiners with memory. *Lecture Notes in Computer Science*, 1172:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mihaljevic:1996:FCS

[2432] M. Mihaljevic. A faster cryptanalysis of the self-shrinking generator. *Lecture Notes in Computer Science*, 1172:182–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baraani-Dastjerdi:1996:MML

[2433] A. Baraani-Dastjerdi, J. Pieprzyk, and R. Safavi-Naini. Modeling a multi-level secure object-oriented database using views. *Lecture Notes in Computer Science*, 1172:190–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Varadharajan:1996:SJA

[2434] V. Varadharajan and P. Allen. Support for joint action based security policies. *Lecture Notes in Computer Science*, 1172:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sandhu:1996:ACN

[2435] R. Sandhu. Access control: The neglected frontier. *Lecture Notes in Computer Science*, 1172:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jonsson:1996:QAB

[2436] E. Jonsson and M. Andersson. On the quantitative assessment of behavioural security. *Lecture Notes in Computer Science*, 1172:228–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gustafson:1996:MPS

[2437] U. Gustafson, E. Jonsson, and T. Olovsson. On the modelling of preventive security based on a PC network intrusion experiment. *Lecture Notes in Computer Science*, 1172:242–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esmaili:1996:ERN

[2438] M. Esmaili, R. Safavi-Naini, and J. Pieprzyk. Evidential reasoning in network intrusion detection systems. *Lecture Notes in Computer Science*, 1172:253–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lin:1996:GOU

[2439] C.-H. Lin, C.-T. Wang, and C.-C. Chang. A group-oriented (t, n) undeniable signature scheme without trusted center. *Lecture Notes in Computer Science*, 1172:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ghodosi:1996:CHG

[2440] H. Ghodosi, J. Pieprzyk, C. Charnes, and R. Safavi-Naini. Cryptosystems for hierarchical groups. *Lecture Notes in Computer Science*, 1172:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bakhtiari:1996:SCH

[2441] S. Bakhtiari, R. Safavi-Naini, and J. Pieprzyk. On selectable collisionful hash functions. *Lecture Notes in Computer Science*, 1172:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bakhtiari:1996:PBA

[2442] S. Bakhtiari, R. Safavi-Naini, and J. Pieprzyk. On password-based authenticated key exchange using collisionful hash functions. *Lecture Notes in Computer Science*, 1172:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sadeghiyan:1996:NUT

[2443] B. Sadeghiyan and J. Mohajeri. A new universal test for bit strings. *Lecture Notes in Computer Science*, 1172:311–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mu:1996:AMQ

[2444] Y. Mu and Y. Zheng. An alternative model of quantum key agreement via photon coupling. *Lecture Notes in Computer Science*, 1172:320–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rucklidge:1996:EVR

[2445] W. Rucklidge. Efficient visual recognition using the Hausdorff distance. *Lecture Notes in Computer Science*, 1173:xiii + 178, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kahn:1996:HS

[2446] D. Kahn. The history of stenography. *Lecture Notes in Computer Science*, 1174:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Franz:1996:CBS

[2447] E. Franz, A. Jerichow, S. Moeller, and A. Pfitzmann. Computer based steganography. *Lecture Notes in Computer Science*, 1174:7–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Handel:1996:HDO

[2448] T. Handel and M. Sandford. Hiding data in the OSI network model. *Lecture Notes in Computer Science*, 1174:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:SLS

[2449] R. Anderson. Stretching the limits of steganography. *Lecture Notes in Computer Science*, 1174:39–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfitzmann:1996:TTT

[2450] B. Pfitzmann. Trials of traced traitors. *Lecture Notes in Computer Science*, 1174:49–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Desmedt:1996:EBB

[2451] Y. Desmedt. Establishing big brother using covert channels and other covert techniques. *Lecture Notes in Computer Science*, 1174:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meadows:1996:CCC

[2452] C. Meadows and I. Moskowitz. Covert channels — A context-based view. *Lecture Notes in Computer Science*, 1174:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:CCA

[2453] M. Anderson and M. Ozols. Covert channel analysis for stubs. *Lecture Notes in Computer Science*, 1174:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jackson:1996:AAC

[2454] I. Jackson. Anonymous addresses and confidentiality of location. *Lecture Notes in Computer Science*, 1174:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Federrath:1996:MMC

[2455] H. Federrath, A. Jerichow, and A. Pfitzmann. MIXes in mobile communication systems: Location management with privacy. *Lecture Notes in Computer Science*, 1174:121–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goldschlag:1996:HRI

[2456] D. Goldschlag, M. Reed, and P. Syverson. Hiding routing information. *Lecture Notes in Computer Science*, 1174:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Anderson:1996:NC

[2457] R. Anderson, S. Vaudenay, B. Preneel, and K. Nyberg. The Newton channel. *Lecture Notes in Computer Science*, 1174:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Burmester:1996:PRS

[2458] M. Burmester, Y. Desmedt, T. Itoh, and K. Sakurai. A progress report on subliminal-free channels. *Lecture Notes in Computer Science*, 1174:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Low:1996:MCP

[2459] S. Low and N. Maxemchuk. Modeling cryptographic protocols and their collusion analysis. *Lecture Notes in Computer Science*, 1174:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cox:1996:SRW

[2460] I. Cox, J. Kilian, T. Leighton, and T. Shamoon. A secure, robust watermark for multimedia. *Lecture Notes in Computer Science*, 1174:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smith:1996:MIH

[2461] J. Smith and B. Comiskey. Modulation and information hiding in images. *Lecture Notes in Computer Science*, 1174:207–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brassil:1996:WDI

[2462] J. Brassil and L. O'Gorman. Watermarking document images with bounding box expansion. *Lecture Notes in Computer Science*, 1174:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Simmons:1996:HSC

[2463] G. Simmons. The history of subliminal channels. *Lecture Notes in Computer Science*, 1174:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakurai:1996:BDB

[2464] K. Sakurai and Y. Yamane. Blind decoding, blind undeniable signatures, and their applications to privacy protection. *Lecture Notes in Computer Science*, 1174:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aura:1996:PID

[2465] T. Aura. Practical invisibility in digital communication. *Lecture Notes in Computer Science*, 1174:265–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davern:1996:FBI

[2466] P. Davern and M. Scott. Fractal based image steganography. *Lecture Notes in Computer Science*, 1174:279–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gruhl:1996:EH

[2467] D. Gruhl, A. Lu, and W. Bender. Echo hiding. *Lecture Notes in Computer Science*, 1174:295–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aucsmith:1996:TRS

[2468] D. Aucsmith. Tamper resistant software. *Lecture Notes in Computer Science*, 1174:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blaze:1996:OKE

[2469] M. Blaze. Oblivious key escrow. *Lecture Notes in Computer Science*, 1174: 335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Berson:1996:HMO

[2470] T. Berson. Her Majesty's orthography service. *Lecture Notes in Computer Science*, 1174:345–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfitzmann:1996:IHT

[2471] B. Pfitzmann. Information hiding terminology. *Lecture Notes in Computer Science*, 1174:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Baeza-Yates:1996:UVS

[2472] R. Baeza-Yates. A unified view to string matching algorithms. *Lecture Notes in Computer Science*, 1175:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

MeyeraufderHeide:1996:CPS

[2473] F. Meyer auf der Heide and C. Scheideler. Communication in parallel systems. *Lecture Notes in Computer Science*, 1175:16–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cahill:1996:OTO

[2474] V. Cahill. An overview of the Tigger object-support operating system framework. *Lecture Notes in Computer Science*, 1175:34–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dechamboux:1996:ADS

[2475] P. Dechamboux, D. Hagimont, J. Mossiere, and X. Rousset de Pina. The Arias distributed shared memory: An overview. *Lecture Notes in Computer Science*, 1175:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kleindienst:1996:COS

[2476] J. Kleindienst, F. Plasil, and P. Tuma. CORBA and object services. *Lecture Notes in Computer Science*, 1175:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Horvitz:1996:DTR

[2477] E. Horvitz. Decision-theoretic reasoning and the human-computer interface: Advances in embedded intelligent agents. *Lecture Notes in Computer Science*, 1175:94–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Overmars:1996:PAM

[2478] M. H. Overmars and P. Svestka. Probabilistic approaches to motion planning. *Lecture Notes in Computer Science*, 1175:95–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Roth:1996:LOR

[2479] D. Roth. Learning in order to reason: The approach. *Lecture Notes in Computer Science*, 1175:113–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pokorny:1996:DSH

[2480] J. Pokorny. Database semantics in heterogeneous environment. *Lecture Notes in Computer Science*, 1175:125–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Robinson:1996:BCP

[2481] K. Robinson and D. Mac Randal. Business case processing — rationale, survey and trends. *Lecture Notes in Computer Science*, 1175:143–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Siebes:1996:DMK

[2482] A. Siebes. Data mining and the KESO project. *Lecture Notes in Computer Science*, 1175:161–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Domik:1996:CVC

[2483] G. Domik. Computer visualization — concepts, trends and current research. *Lecture Notes in Computer Science*, 1175:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Matyska:1996:HPC

[2484] L. Matyska. High performance computing — the computational chemistry perspective. *Lecture Notes in Computer Science*, 1175:197–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanderVorst:1996:IMU

[2485] H. A. Van der Vorst. Iterative methods for unsymmetric linear systems. *Lecture Notes in Computer Science*, 1175: 217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VandenBrand:1996:CTS

[2486] M. Van den Brand, P. Klint, and C. Verhoef. Core technologies for system renovation. *Lecture Notes in Computer Science*, 1175:235–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBruin:1996:TGT

[2487] A. De Bruin and W. Pijls. Trends in game tree search. *Lecture Notes in Computer Science*, 1175:255–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dick:1996:VAV

[2488] J. Dick and J. Loubersac. A visual approach to VDM. *Lecture Notes in Computer Science*, 1175:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harel:1996:SPP

[2489] D. Harel. Statecharts: Past, present and future. *Lecture Notes in Computer Science*, 1175:285–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kutten:1996:SFT

[2490] S. Kutten. Scalable fault tolerance. *Lecture Notes in Computer Science*, 1175:286–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Asirelli:1996:DDS

[2491] P. Asirelli, S. Gnesi, and M. C. Rossi. A deductive database support to the specification of concurrent systems. *Lecture Notes in Computer Science*, 1175:309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bednarek:1996:ICT

[2492] D. Bednarek, P. Merta, D. Obdrzalek, and J. Yaghob. Interprocess communication in the T4 system. *Lecture Notes in Computer Science*, 1175:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertino:1996:FRS

[2493] E. Bertino, D. Castelli, and F. Vitale. A formal representation for state diagrams in the OMT methodology. *Lecture Notes in Computer Science*, 1175:327–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brattka:1996:FRR

[2494] V. Brattka and P. Hertling. Feasible real random access machines. *Lecture Notes in Computer Science*, 1175:335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeCastro:1996:TCF

[2495] C. De Castro. Temporal conversion functions for multitemporal relational databases. *Lecture Notes in Computer Science*, 1175:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaibisso:1996:OSS

[2496] C. Gaibisso, E. Nardelli, and G. Proietti. An output sensitive solution to the set union and intersection problem. *Lecture Notes in Computer Science*, 1175:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gambin:1996:SMI

[2497] A. Gambin and S. Lasota. On the semantics of multistage interconnection networks. *Lecture Notes in Computer Science*, 1175:359–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Han:1996:DTK

[2498] J. L. Han. Decision trees, knowledge rules and some related data mining algorithms. *Lecture Notes in Computer Science*, 1175:369–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kucera:1996:RDN

[2499] A. Kucera. Regularity is decidable for normed BPA and normed BPP processes in polynomial time. *Lecture Notes in Computer Science*, 1175:377–??, 1996. CODEN LNCSD9. ISSN

0302-9743 (print), 1611-3349 (electronic).

Lucas:1996:NPC

[2500] S. Lucas and J. Oliver. A new proposal of concurrent process calculus. *Lecture Notes in Computer Science*, 1175:385–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Marchiori:1996:SVL

[2501] M. Marchiori. On the specification of visual languages: Multisets as first-class citizens. *Lecture Notes in Computer Science*, 1175:393–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mraz:1996:RAR

[2502] F. Mraz, M. Platek, and J. Vogel. Restarting automata with rewriting. *Lecture Notes in Computer Science*, 1175:401–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Rozloznik:1996:ROG

[2503] M. Rozloznik, Z. Strakos, and M. Tuma. On the role of orthogonality in the GMRES method. *Lecture Notes in Computer Science*, 1175:409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ruzicka:1996:ETP

[2504] P. Ruzicka. Efficient tree pattern unification. *Lecture Notes in Computer Science*, 1175:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scholz:1996:LWF

[2505] P. Scholz. A light-weight formalism for the specification of reactive systems. *Lecture Notes in Computer Science*, 1175:425–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shao:1996:KDA

[2506] J. Shao. Knowledge discovery in alarm data analysis. *Lecture Notes in Computer Science*, 1175:433–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sima:1996:APT

[2507] J. Sima. Aunt's problem: Table rounding. *Lecture Notes in Computer Science*, 1175:441–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vovsova:1996:SHD

[2508] I. Vovsova. A seven-head dragon for optimal pattern searching. *Lecture Notes in Computer Science*, 1175:451–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Werner:1996:CRV

[2509] T. Werner, V. Hlavac, A. Leonardis, and T. Pajdla. Choosing reference views for image-based representation. *Lecture Notes in Computer Science*, 1175:459–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zerovnik:1996:RGP

[2510] J. Zerovnik. Recognizing graph products and bundles. *Lecture Notes in*

Computer Science, 1175:467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zizka:1996:GAB

[2511] J. Zizka and Z. Kratochvil. Genetic algorithms-based creation of fuzzy-rule bases for the car control. *Lecture Notes in Computer Science*, 1175:475–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zukunft:1996:TMM

[2512] O. Zukunft. A transaction model for mobile and active database systems. *Lecture Notes in Computer Science*, 1175:483–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Francon:1996:RTD

[2513] J. Francon. On recent trends in discrete geometry in computer science. *Lecture Notes in Computer Science*, 1176:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zunic:1996:LSF

[2514] J. Zunic and D. M. Acketa. Least squares fitting of digital polynomial segments. *Lecture Notes in Computer Science*, 1176:17–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vialard:1996:GPE

[2515] A. Vialard. Geometrical parameters extraction from discrete paths. *Lecture Notes in Computer Science*, 1176:24–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aktouf:1996:TDH

[2516] Z. Aktouf, G. Bertrand, and L. Perroton. A three-dimensional holes closing algorithm. *Lecture Notes in Computer Science*, 1176:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Borgefors:1996:MRS

[2517] G. Borgefors, G. Ramella, and G. Sanniti di Baja. Multiresolution representation of shape in binary images. *Lecture Notes in Computer Science*, 1176:51–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bruckstein:1996:DE

[2518] A. M. Bruckstein, R. J. Holt, and A. N. Netravali. Discrete elastica. *Lecture Notes in Computer Science*, 1176:59–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Skarbek:1996:FRP

[2519] W. Skarbek, K. Ignasiak, and M. Ghuwar. Fractal representation of planar shapes. *Lecture Notes in Computer Science*, 1176:73–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaufman:1996:VS

[2520] A. E. Kaufman. Volume synthesis. *Lecture Notes in Computer Science*, 1176:87–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lenoir:1996:FCN

[2521] A. Lenoir, R. Malgouyres, and M. Revenu. Fast computation of the normal vector field of the surface of a 3-D discrete object. *Lecture Notes in Computer Science*, 1176:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frey:1996:FEM

[2522] P. Frey and H. Borouchaki. Finite element meshes by means of voxels. *Lecture Notes in Computer Science*, 1176:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kenmochi:1996:PGL

[2523] Y. Kenmochi, A. Imiya, and N. Ezquerra. Polyhedra generation from lattice points. *Lecture Notes in Computer Science*, 1176:127–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Francon:1996:RAS

[2524] J. Francon, J.-M. Schramm, and M. Tajine. Recognizing arithmetic straight lines and planes. *Lecture Notes in Computer Science*, 1176:141–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fiorio:1996:TCR

[2525] C. Fiorio. A topologically consistent representation for image analysis: the topological graph of frontiers. *Lecture Notes in Computer Science*, 1176:151–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ayala:1996:DCC

[2526] R. Ayala, E. Dominguez, A. R. Frances, and A. Quintero. Determining the components of the complement of a digital $(n-1)$-manifold in Z0n. *Lecture Notes in Computer Science*, 1176:163–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ibathez:1996:DDS

[2527] L. Ibathez, C. Hamitouche, and C. Roux. Determination of discrete sampling grids with optimal topological and spectral properties. *Lecture Notes in Computer Science*, 1176:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Braquelaire:1996:IPE

[2528] J.-P. Braquelaire, L. Brun, and A. Vialard. Inter-pixel Euclidean paths for image analysis. *Lecture Notes in Computer Science*, 1176:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mathieu:1996:FDC

[2529] G. Mathieu. Filling driven by contour marching. *Lecture Notes in Computer Science*, 1176:205–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bretto:1996:HMD

[2530] A. Bretto and S. Ubeda. Hypergraph model of digital topology for grey level images. *Lecture Notes in Computer Science*, 1176:217–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Scellier:1996:ASA

[2531] D. Scellier, J.-Y. Boire, C. Thouly, and J. Maublant. Application of skeletonization algorithms for myocardial spect quantification. *Lecture Notes in Computer Science*, 1176:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andres:1996:SP

[2532] E. Andres, C. Sibata, and R. Acharya. Supercover 3D polygons. *Lecture Notes in Computer Science*, 1176:237–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lachaud:1996:TDI

[2533] J.-O Lachaud. Topologically defined iso-surfaces. *Lecture Notes in Computer Science*, 1176:245–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fidrich:1996:ISE

[2534] M. Fidrich. Iso-surface extraction in 4D with applications related to scale space. *Lecture Notes in Computer Science*, 1176:257–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boumghar:1996:CDS

[2535] F. Boumghar, S. Miguet, and J.-M. Nicod. Complexity of discrete surfaces in the dividing-cubes algorithm. *Lecture Notes in Computer Science*, 1176:269–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tougne:1996:CDC

[2536] L. Tougne. Circle digitization and cellular automata. *Lecture Notes in Computer Science*, 1176:283–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barcucci:1996:RCP

[2537] E. Barcucci, A. Del Lungo, M. Nivat, and R. Pinzani. Reconstruction convex polyominoes from horizontal and vertical projections II. *Lecture Notes in Computer Science*, 1176:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andres:1996:QSR

[2538] E. Andres. The quasi-shear rotation. *Lecture Notes in Computer Science*, 1176:307–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Devillers:1996:CGD

[2539] O. Devillers. Computational geometry and discrete computations. *Lecture Notes in Computer Science*, 1176:317–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertrand:1996:STP

[2540] G. Bertrand and R. Malgouyres. Some topological properties of discrete surfaces. *Lecture Notes in Computer Science*, 1176:325–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sharp:1996:SPS

[2541] N. G. Sharp and E. R. Hancock. A statistical process for surface tracking. *Lecture Notes in Computer Science*, 1176:337–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Atallah:1996:ANS

[2542] M. J. Atallah and D. Z. Chen. Applications of a numbering scheme for polygonal obstacles in the plane. *Lecture Notes in Computer Science*, 1178:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turner:1996:MCH

[2543] J. S. Turner. Multicast communication in high speed networks. *Lecture Notes in Computer Science*, 1178:25–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bremner:1996:ICH

[2544] D. Bremner. Incremental convex hull algorithms are not output sensitive. *Lecture Notes in Computer Science*, 1178:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Efrat:1996:SSL

[2545] A. Efrat and O. Schwarzkopf. Separating and shattering long line segments. *Lecture Notes in Computer Science*, 1178:36–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Devillers:1996:OLB

[2546] O. Devillers and M. J. Katz. Optimal line bipartitions of point sets. *Lecture Notes in Computer Science*, 1178:45–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fukuda:1996:IFA

[2547] T. Fukuda, Y. Morimoto, S. Morishita, and T. Tokuyama. Interval finding and its application to data mining. *Lecture Notes in Computer Science*, 1178:55–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fernandez-Baca:1996:AST

[2548] D. Fernandez-Baca and J. Lagergren. On the approximability of the Steiner tree problem in phylogeny. *Lecture Notes in Computer Science*, 1178:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Halldorsson:1996:ASC

[2549] M. M. Halldorsson and K. Tanaka. Approximation and special cases of common subtrees and editing distance. *Lecture Notes in Computer Science*, 1178:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Choi:1996:TDD

[2550] Y. Choi and Tak Wah Lam. Two-dimensional dynamic dictionary matching. *Lecture Notes in Computer Science*, 1178:85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Braezma:1996:DUU

[2551] A. Braezma, E. Ukkonen, and J. Vilo. Discovering unbounded unions of regular pattern languages from positive examples. *Lecture Notes in Computer*

Science, 1178:95–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dey:1996:EPG

[2552] T. K. Dey and J. Pach. Extremal problems for geometric hypergraphs. *Lecture Notes in Computer Science*, 1178: 105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Efrat:1996:CFB

[2553] A. Efrat and M. J. Katz. Computing fair and bottleneck matchings in geometric graphs. *Lecture Notes in Computer Science*, 1178:115–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

DeBerg:1996:CMO

[2554] M. De Berg, O. Devillers, M. Van Kreveld, and O. Schwarzkopf. Computing the maximum overlap of two convex polygons under translations. *Lecture Notes in Computer Science*, 1178:126–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hayase:1996:OMF

[2555] K. Hayase and H. Imai. OBDDs of a monotone function and of its prime implicants. *Lecture Notes in Computer Science*, 1178:136–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chaug:1996:AMM

[2556] M.-S. Chaug. Algorithms for maximum matching and minimum fill-in on chordal bipartite graphs. *Lecture Notes in Computer Science*, 1178:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perng:1996:GSC

[2557] S.-L. Perng, M.-T. Ko, C.-W. Ho, and T.-S. Hsu. Graph searching on chordal graphs. *Lecture Notes in Computer Science*, 1178:156–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Uno:1996:AEA

[2558] T. Uno. An algorithm for enumerating all directed spanning trees in a directed graph. *Lecture Notes in Computer Science*, 1178:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kloks:1996:VRA

[2559] T. Kloks, H. Mueller, and C. K. Wong. Vertex ranking of asteroidal triple-free graphs. *Lecture Notes in Computer Science*, 1178:174–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Niedermeier:1996:RDP

[2560] R. Niedermeier. Recursively divisible problems. *Lecture Notes in Computer Science*, 1178:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Allender:1996:SCW

[2561] E. Allender and K.-J. Lange. StUSPACE($\log n$) contained within DSPACE($\log_2 n/\log\log n$). *Lecture Notes in Computer Science*, 1178:193–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zhou:1996:FED

[2562] X. Zhou, S. Tamura, and T. Nishizeki. Finding edge-disjoint paths in partial k-trees. *Lecture Notes in Computer Science*, 1178:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsu:1996:OAB

[2563] T.-S. Hsu and M.-Y. Kao. Optimal augmentation for bipartite componentwise biconnectivity in linear time. *Lecture Notes in Computer Science*, 1178: 213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chong:1996:TMP

[2564] Ka Wong Chong and Tak Wah Lam. Towards more precise parallel biconnectivity approximation. *Lecture Notes in Computer Science*, 1178:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ambainis:1996:CPV

[2565] A. Ambainis. The complexity of probabilistic versus deterministic finite automata. *Lecture Notes in Computer Science*, 1178:233–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Litow:1996:BLU

[2566] B. Litow. Bounded length UCFG equivalence. *Lecture Notes in Computer Science*, 1178:239–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:SMT

[2567] D. T. Lee and C. F. Shen. The Steiner minimal tree problem in the lambda-geometry plane. *Lecture Notes in Computer Science*, 1178:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cheng:1996:SLS

[2568] S.-W. Cheng, N. Katoh, and M. Sugai. A study of the LMT-skeleton. *Lecture Notes in Computer Science*, 1178:256–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:NSM

[2569] Cao An Wang, F. Chin, and Y.-F Xu. A new subgraph of minimum weight triangulations. *Lecture Notes in Computer Science*, 1178:266–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pantziou:1996:DTR

[2570] G. E. Pantziou, A. Roberts, and A. Symvonis. Dynamic tree routing under the “matching with consumption” model. *Lecture Notes in Computer Science*, 1178:275–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Houle:1996:DET

[2571] M. E. Houle and G. Turner. Dimension-exchange token distribution on the mesh and the torus. *Lecture Notes in Computer Science*, 1178:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:DHP

[2572] J.-H. Lee, C.-S. Shin, and K.-Y. Chwa. Directed Hamiltonian packing in d-dimensional meshes and its application. *Lecture Notes in Computer Science*, 1178:295–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadopoulou:1996:PNC

[2573] E. Papadopoulou. k-pairs non-crossing shortest paths in a simple polygon. *Lecture Notes in Computer Science*, 1178: 305–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lingas:1996:MCP

[2574] A. Lingas and V. Soltan. Minimum convex partition of a polygon with holes by cuts in given directions. *Lecture Notes in Computer Science*, 1178:315–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hayashi:1996:ELR

[2575] T. Hayashi, K. Nakano, and S. Olariu. Efficient list ranking on the reconfigurable mesh, with applications. *Lecture Notes in Computer Science*, 1178: 326–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kutytowski:1996:PMN

[2576] M. Kutytowski, K. Lorys, and B. Oesterdiekhoff. Periodic merging networks. *Lecture Notes in Computer Science*, 1178:336–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilfong:1996:MWA

[2577] G. Wilfong. Minimizing wavelengths in an all-optical ring network. *Lecture Notes in Computer Science*, 1178:346–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yeh:1996:CAL

[2578] T.-H. Yeh, C.-M. Kuo, C.-L. Lei, and H.-C Yen. Competitive analysis of online disk scheduling. *Lecture Notes in Computer Science*, 1178:356–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verriet:1996:SIO

[2579] J. Verriet. Scheduling interval ordered tasks with non-uniform deadlines. *Lecture Notes in Computer Science*, 1178:366–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sakurai:1996:CWR

[2580] K. Sakurai and Y. Zheng. Cryptographic weaknesses in the round transformation used in a block cipher with provable immunity against linear cryptanalysis. *Lecture Notes in Computer Science*, 1178:376–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Takagi:1996:MVM

[2581] T. Takagi and S. Naito. The multivariable modular polynomial and its applications to cryptography. *Lecture Notes in Computer Science*, 1178:386–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hsu:1996:BAP

[2582] T.-S. Hsu and D. R. Lopez. Bounds and algorithms for a practical task allocation model. *Lecture Notes in Computer Science*, 1178:397–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fatouron:1996:SAS

[2583] P. Fatouron and P. Spirakis. Scheduling algorithms for strict multithreaded computations. *Lecture Notes in Computer Science*, 1178:407–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Feuerstein:1996:MTP

[2584] E. Feuerstein and A. S. De Loma. On multi-threaded paging. *Lecture Notes in Computer Science*, 1178:417–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ryabko:1996:FEH

[2585] B. Ryabko and A. Fionov. A fast and efficient homophonic coding algorithm. *Lecture Notes in Computer Science*, 1178:427–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Watanabe:1996:IDC

[2586] O. Watanabe and O. Yamashita. An improvement of the digital cash protocol of Okamoto and Ohta. *Lecture Notes in Computer Science*, 1178:436–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dehne:1996:RPL

[2587] F. Dehne and S. W. Song. Randomized parallel list ranking for distributed memory multiprocessors. *Lecture Notes in Computer Science*, 1179:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shi:1996:SAM

[2588] F. Shi. Suffix arrays for multiple strings: a method for on-line multiple string searches. *Lecture Notes in Computer Science*, 1179:11–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vollmer:1996:RAP

[2589] H. Vollmer. Relations among parallel and sequential computation models. *Lecture Notes in Computer Science*, 1179:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Greco:1996:EPP

[2590] S. Greco and D. Sacca. The expressive power of “possible-is-certain” semantics. *Lecture Notes in Computer Science*, 1179:33–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:USM

[2591] J. H. M. Lee, H. F. Leung, P. J. Stuckey, and V. W. L. Tam. Using stochastic methods to guide search in CLP: a preliminary report. *Lecture Notes in Computer Science*, 1179:43–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tarau:1996:BSL

[2592] P. Tarau, V. Dahl, and A. Fall. Backtrackable state with linear arline implication and assumption grammars. *Lecture Notes in Computer Science*, 1179: 53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tessier:1996:DDC

[2593] A. Tessier. Declarative debugging in constraint logic programming. *Lecture Notes in Computer Science*, 1179:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Park:1996:ILC

[2594] T. Park, S. B. Cho, and H. Y. Yeom. An improved logging and checkpointing scheme for recoverable distributed shared memory. *Lecture Notes in Computer Science*, 1179:74–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sun:1996:DCC

[2595] C. Sun, Y. Yang, Y. Zhang, and D. Chen. Distributed concurrency control in real-time cooperative editing systems. *Lecture Notes in Computer Science*, 1179:84–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wu:1996:VTB

[2596] H. Wu and W.-N. Chin. Variable timestamp-based distributed deadlock detection and resolution. *Lecture Notes in Computer Science*, 1179:96–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Byun:1996:LDT

[2597] S. Byun, R. Kennaway, and R. Sleep. Lambda-definable term rewriting systems. *Lecture Notes in Computer Science*, 1179:106–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gunter:1996:SAC

[2598] C. A. Gunter, T.-H. Ngair, and D. Subramanian. Sets as anti-chains. *Lecture Notes in Computer Science*, 1179: 116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Liquori:1996:TLC

[2599] L. Liquori and G. Castagna. A typed lamda calculus of objects. *Lecture Notes in Computer Science*, 1179:129–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Valarcher:1996:IVE

[2600] P. Valarcher. Intensionality versus extensionality and primitive recursion. *Lecture Notes in Computer Science*, 1179:142–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Vorobyov:1996:BTF

[2601] S. Vorobyov. On the bounded theories of finite trees. *Lecture Notes in Computer Science*, 1179:152–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamada:1996:BSG

[2602] Y. Hamada, A. Mei, F. Bao, and Y. Igarashi. Broadcasting in star graphs with Byzantine failures. *Lecture Notes in Computer Science*, 1179: 162–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Juang:1996:BTS

[2603] W.-S. Juang and C.-L. Lei. Blind threshold signatures based on discrete logarithm. *Lecture Notes in Computer Science*, 1179:172–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kaida:1996:CEL

[2604] T. Kaida, S. Uehara, and K. Imamura. Computation of the k-error linear complexity of binary sequences with period 20n. *Lecture Notes in Computer Science*, 1179:182–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nicomette:1996:SRV

[2605] V. Nicomette and Y. Deswarte. Symbolic rights and vouchers for access control in distributed object systems. *Lecture Notes in Computer Science*, 1179: 192–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Xu:1996:HCM

[2606] Z.-B. Xu and B.-T Yang. The heuristics for the constrained multicast routing. *Lecture Notes in Computer Science*, 1179:204–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yi:1996:DAN

[2607] X. Yi. On design and analysis of a new block cipher. *Lecture Notes in Computer Science*, 1179:213–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Elrad:1996:CSO

[2608] T. Elrad, B. Sheen, and N. V. Nastasic. CHESSBOARD: a synergy of object-oriented concurrent programming and program layering. *Lecture Notes in Computer Science*, 1179:223–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keller:1996:CAF

[2609] G. Keller and M. Simons. A calculational approach to flattening nested data parallelism in functional languages. *Lecture Notes in Computer Science*, 1179:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ramirez:1996:COO

[2610] R. Ramirez. Concurrent object-oriented programming in Tempo++. *Lecture Notes in Computer Science*, 1179:244–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Shivers:1996:USF

[2611] O. Shivers. A universal scripting framework or lamda: The ultimate "little language". *Lecture Notes in Computer Science*, 1179:254–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Theissinger:1996:DAL

[2612] M. Theissinger. Design and application of a light-weight persistency mechanism. *Lecture Notes in Computer Science*, 1179:266–??, 1996. CODEN

LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Browne:1996:HVU

[2613] I. A. Browne, Z. Manna, and H. B. Sipma. Hierarchical verification using verification diagrams. *Lecture Notes in Computer Science*, 1179:276–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamid:1996:DES

[2614] I. A. Hamid and F. Khendek. A dynamic evolution for the specification of distributed systems. *Lecture Notes in Computer Science*, 1179:287–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Igarashi:1996:FVE

[2615] S. Igarashi, M. Shio, T. Shirogane, and T. Mizutani. Formal verification and evaluation of execution time in the envelope theory. *Lecture Notes in Computer Science*, 1179:299–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Majumdar:1996:DCL

[2616] R. Majumdar and R. K. Shyamasundar. Design of controllers for linear hybrid systems. *Lecture Notes in Computer Science*, 1179:309–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:CLD

[2617] X. Li and D. V. Hung. Checking linear duration invariants by linear programming. *Lecture Notes in Computer Science*, 1179:321–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Carl:1996:CVR

[2618] M. Carl. Conjunctive vector representations for set valued feature descriptions. *Lecture Notes in Computer Science*, 1179:333–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chandru:1996:CND

[2619] V. Chandru, S. Roy, and R. Subrahmanyam. Constructive negation in definite constraint logic programs. *Lecture Notes in Computer Science*, 1179: 335–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chen:1996:MMS

[2620] H.-C. Chen, A. Lim, and N. A. Warsi. Multilevel master-slave parallel programming models. *Lecture Notes in Computer Science*, 1179:337–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chuang:1996:IXP

[2621] S.-C Chuang. Improving the X.509 protocol for ATM networks. *Lecture Notes in Computer Science*, 1179:339–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1996:ICI

[2622] F. K. Chan, J. Seng, L.-S. Ooi, and J.-K. Tan. InterMUD communications (IMC) protocol with extensions to VRMLise MultiUser domains (MUDs). *Lecture Notes in Computer Science*, 1179:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Goshi:1996:AHA

[2623] K. Goshi, J. Cheng, and K. Ushijima. ALPS-HI: An annotated logic programming system with hypothetical implications. *Lecture Notes in Computer Science*, 1179:343–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

He:1996:CMR

[2624] L. He, Y. Chao, Y. Simajiri, and H. Seki. Constructing more relevant models. *Lecture Notes in Computer Science*, 1179:345–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Igarashi:1996:FAC

[2625] S. Igarashi, T. Mizutani, T. Shirogane, and M. Shio. Formal analysis for continuous systems controlled by programs. *Lecture Notes in Computer Science*, 1179:347–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kusakabe:1996:ITD

[2626] S. Kusakabe, K. Inenaga, K. Nishimura, and M. Amamiya. Implementation tuning of a dataflow language on a stock parallel machine with visualization tools. *Lecture Notes in Computer Science*, 1179:349–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Li:1996:OSS

[2627] A. Li and O. Bukhres. Overall system for secure wireless mobile networks. *Lecture Notes in Computer Science*, 1179:351–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mohania:1996:MVA

[2628] M. Mohania and G. Dong. Materialized view adaptation in distributed databases. *Lecture Notes in Computer Science*, 1179:353–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ravindran:1996:COO

[2629] E. Ravindran and S. C. Hui. Coupling object-orientation and deduction — A modelling perspective. *Lecture Notes in Computer Science*, 1179:355–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thornton:1996:IPB

[2630] J. Thornton and A. Sattar. An integer programming-based nurse rostering system. *Lecture Notes in Computer Science*, 1179:357–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voicu:1996:SPD

[2631] R. Voicu. Synthesizing parallel divide-and-conquer algorithms using the list interleave operator. *Lecture Notes in Computer Science*, 1179:359–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Harel:1996:STS

[2632] D. Harel. Some thoughts on statecharts, 13 years later. *Lecture Notes in Computer Science*, 1179:361–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bolot:1996:EEB

[2633] J.-C. Bolot. End-to-end behavior of the Internet: Measurements, analysis, and applications. *Lecture Notes in Computer Science*, 1179:362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Smolka:1996:OPL

[2634] G. Smolka. The Oz programming language and system. *Lecture Notes in Computer Science*, 1179:377–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tygar:1996:CPI

[2635] J. D. Tygar, B. S. Yee, and N. Heintze. Cryptographic postage indicia. *Lecture Notes in Computer Science*, 1179:378–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bjoerner:1996:SLM

[2636] D. Bjoerner. Semantics and laws of man-made infrastucture systems. *Lecture Notes in Computer Science*, 1181: 1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wirth:1996:LLF

[2637] N. Wirth. The language lola, FPGAs, and PLDs in teaching digital circuit design. *Lecture Notes in Computer Science*, 1181:2–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dosch:1996:CDC

[2638] W. Dosch. Calculating digital counters. *Lecture Notes in Computer Science*, 1181:21–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Stepanov:1996:GP

[2639] A. A. Stepanov. Generic programming. *Lecture Notes in Computer Science*, 1181:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Zamulin:1996:ASO

[2640] A. V. Zamulin. Algebraic semantics of the Oberon target machine. *Lecture Notes in Computer Science*, 1181: 41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Koster:1996:MA

[2641] C. H. A. Koster. The making of Algol 68. *Lecture Notes in Computer Science*, 1181:55–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mayoh:1996:ALP

[2642] B. Mayoh. Artificial life and pollution control: Explorations of a genetic algorithm system on the highly parallel connection machine. *Lecture Notes in Computer Science*, 1181:68–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yakhno:1996:ASM

[2643] T. M. Yakhno and E. S. Petrov. Application of subdefinite models for solving constraint satisfaction problems. *Lecture Notes in Computer Science*, 1181: 80–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Telerman:1996:PSO

[2644] V. Telerman, V. Sidorov, and D. Ushakov. Problem solving in the object-oriented technological environment NeMo+. *Lecture Notes in Computer Science*, 1181:91–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Seuren:1996:WUS

[2645] P. A. M. Seuren. What a universal semantic interlingua can and cannot do. *Lecture Notes in Computer Science*, 1181:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kononenko:1996:UST

[2646] I. Kononenko and S. Sharoff. Understanding short texts with integration of knowledge representation methods. *Lecture Notes in Computer Science*, 1181:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freivalds:1996:CLR

[2647] R. Freivalds and T. Zeugmann. Colearning of recursive languages from positive data. *Lecture Notes in Computer Science*, 1181:122–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Boutsinas:1996:AAV

[2648] B. Boutsinas, S. Papadimitriou, and G. Pavlides. Automatic analysis, verification and synthesis of rule-based real-time decision making systems with machine learning assistance. *Lecture Notes in Computer Science*, 1181:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Czaja:1996:PCE

[2649] L. Czaja. Processes in cause-effect structures. *Lecture Notes in Computer Science*, 1181:146–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bachmann:1996:PRD

[2650] P. Bachmann. On the power of recursion in dataflow schemes. *Lecture Notes in Computer Science*, 1181:166–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Trichina:1996:DEP

[2651] E. Trichina. Derivation of explicitly parallel code from declarative program by transformations. *Lecture Notes in Computer Science*, 1181:178–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Raja:1996:ACM

[2652] N. Raja and R. K. Shyamasundar. Actors as a coordinating model of computation. *Lecture Notes in Computer Science*, 1181:191–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nepomniaschaya:1996:AVP

[2653] A. S. Nepomniaschaya. An associative version of the Prim-Dijkstra algorithm and its application to some graph problems. *Lecture Notes in Computer Science*, 1181:203–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frias:1996:ADS

[2654] M. F. Frias, G. A. Baum, and A. M. Haeberer. Adding design strategies to fork algebras. *Lecture Notes in Computer Science*, 1181:214–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Turchin:1996:STR

[2655] V. F. Turchin. Supercompilation: Techniques and results. *Lecture Notes in Computer Science*, 1181:227–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nemylykh:1996:PTM

[2656] A. P. Nemylykh and V. A. Pinchuk. Program transformation with metasystem transitions: Experiments with a supercompiler. *Lecture Notes in Computer Science*, 1181:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Glueck:1996:FBT

[2657] R. Glueck and J. Joergensen. Fast binding-time analysis for multi-level specialization. *Lecture Notes in Computer Science*, 1181:261–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Jones:1996:BAE

[2658] N. D. Jones and A. J. Glenstrup. BTA algorithms to ensure termination of off-line partial evaluation. *Lecture Notes in Computer Science*, 1181:273–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thiemann:1996:PEC

[2659] P. Thiemann and M. Sperber. Polyvariant, expansion and compiler generators. *Lecture Notes in Computer Science*, 1181:285–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mandel:1996:DCL

[2660] L. Mandel and M. V. Cengarle. The disjunctive constrained lambda calculus. *Lecture Notes in Computer Science*, 1181:297–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ivannikov:1996:EMC

[2661] V. Ivannikov, V. Zadorozhny, R. Kossmann, and B. Novikon. Efficient metaobject control using mediators. *Lecture Notes in Computer Science*, 1181:310–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pree:1996:FCS

[2662] W. Pree, G. Pomberger, and F. Kapsner. Framework component systems: Concepts, design heuristics, and perspectives. *Lecture Notes in Computer Science*, 1181:330–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Froehlich:1996:PRT

[2663] J. H. Froehlich. Prototype of a run-time adaptable, object-oriented system. *Lecture Notes in Computer Science*, 1181:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sabelfeld:1996:TEP

[2664] V. K. Sabelfeld. The tree equivalence problem for linear recursion schemes. *Lecture Notes in Computer Science*, 1181:350–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lu:1996:MAL

[2665] L. Lu. A mode analysis of logic: Programs by abstract interpretation. *Lecture Notes in Computer Science*, 1181: 362–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mogensen:1996:SBD

[2666] T. A. Mogensen. A semantics-based determinacy analysis for Prolog with cut. *Lecture Notes in Computer Science*, 1181:374–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Frauenstein:1996:CFA

[2667] T. Frauenstein, W. Grieskamp, P. Pepper, and M. Suedholt. Communicating functional agents and their application to graphical user interfaces. *Lecture Notes in Computer Science*, 1181: 386–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Voronkov:1996:MRD

[2668] A. Voronkov. Merging relational database technology with constraint technology. *Lecture Notes in Computer Science*, 1181:409–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dekhlyar:1996:HBD

[2669] M. I. Dekhlyar and A. J. Dikovsky. On homeostatic behavior of dynamic deductive data bases. *Lecture Notes in Computer Science*, 1181:420–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Afrali:1996:TLD

[2670] F. Afrali, M. Gergatsoulis, and M. Katzouraki. On transformations into linear database logic programs. *Lecture Notes in Computer Science*, 1181:433–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hibbard:1996:SDM

[2671] W. Hibbard, D. T. Kao, and A. Wierse. Scientific data modeling. *Lecture Notes in Computer Science*, 1183:3–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keim:1996:SID

[2672] D. Keim, J. P. Lee, B. Thuraisingham, and C. Wittenbrink. Supporting interactive database exploration. *Lecture Notes in Computer Science*, 1183:12–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lang:1996:VRM

[2673] U. Lang, G. Grinstein, and R. D. Bergeron. Visualization related metadata. *Lecture Notes in Computer Science*, 1183:26–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lee:1996:VVD

[2674] J. P. Lee. Views, visualization and databases. *Lecture Notes in Computer Science*, 1183:37–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Grinstein:1996:DMD

[2675] G. Grinstein and B. Thuraisingham. Data mining and data visualization. *Lecture Notes in Computer Science*, 1183:54–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Mukherjea:1996:RAI

[2676] S. Mukherjea and J. D. Foley. Requirements and architecture of an information visualization tool. *Lecture Notes in Computer Science*, 1183:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hibbard:1996:MSD

[2677] W. Hibbard. Mathematical structures of data and their implications for visualization. *Lecture Notes in Computer Science*, 1183:76–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kao:1996:SMS

[2678] D. T. Kao, R. D. Bergeron, M. J. Cullinane, and T. M. Sparr. Semantics and mathematics of scientific data sampling. *Lecture Notes in Computer Science*, 1183:86–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Keim:1996:EVC

[2679] D. A. Keim. Enhancing the visual clustering of query-dependent database visualization techniques using screen-filling curves. *Lecture Notes in Computer Science*, 1183:101–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wittenbrink:1996:RDS

[2680] C. M. Wittenbrink, E. Rosen, A. Pang, and S. K. Lodha. Realtime database support for environmental visualization. *Lecture Notes in Computer Science*, 1183:111–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Neugebauer:1996:MDP

[2681] M. Neugebauer. Metalevel database programming and visualization with POETView. *Lecture Notes in Computer Science*, 1183:131–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Flanery:1996:LSD

[2682] R. E. Flanery and J. M. Donato. Large scale data analysis using AVS5 and POSTGRES. *Lecture Notes in Computer Science*, 1183:145–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Davies:1996:FAO

[2683] H. Davies. FAN — an array-oriented query language. *Lecture Notes in Computer Science*, 1183:155–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Schmeing:1996:LLD

[2684] W. Schmeing. LadMan — A large data management system. *Lecture Notes in Computer Science*, 1183:171–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Aiken:1996:TDV

[2685] A. Aiken, J. Chen, M. Lin, and M. Spalding. The Tioga-2 database visualization environment. *Lecture Notes in Computer Science*, 1183:181–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wierse:1996:CVB

[2686] A. Wierse. Collaborative visualization based on distributed data objects. *Lecture Notes in Computer Science*, 1183:208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Agarwal:1996:PTI

[2687] R. C. Agarwal, F. G. Gustavson, and M. Zubair. Performance tuning IBM RS/6000 POWER2 systems. *Lecture Notes in Computer Science*, 1184:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Andersen:1996:DIP

[2688] J. D. Andersen. Digital image processing: a 1996 review. *Lecture Notes in Computer Science*, 1184:14–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Artemiev:1996:UPC

[2689] S. S. Artemiev, S. A. Gusev, and O. G. Monakhov. Use of parallel computations for account of options by a Monte Carlo method. *Lecture Notes in Computer Science*, 1184:24–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Barker:1996:WDE

[2690] V. A. Barker. Wavelets and differential equations. *Lecture Notes in Computer Science*, 1184:30–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Billing:1996:FPI

[2691] G. D. Billing. From first principles to industrial applications. *Lecture Notes in Computer Science*, 1184:40–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bjoerstad:1996:PIS

[2692] P. E. Bjoerstad, M. Dryja, and E. Vainikko. Parallel implementation of a Schwarz domain decomposition algorithm. *Lecture Notes in Computer Science*, 1184:46–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Blackford:1996:PED

[2693] L. S. Blackford, A. Cleary, J. Demmel, and I. Dhillon. Practical experience in the dangers of heterogeneous computing. *Lecture Notes in Computer Science*, 1184:57–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brandt:1996:CAC

[2694] J. Brandt, I. Dimov, K. Georgiev, and J. Wasniewski. Coupling the advection and the chemical parts of large air pollution models. *Lecture Notes in*

Computer Science, 1184:65–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brezany:1996:AOP

[2695] P. Brezany and M. Dang. Advanced optimizations for parallel irregular out-of-core programs. *Lecture Notes in Computer Science*, 1184:77–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brezany:1996:SAM

[2696] P. Brezany, T. A. Mueck, and E. Schikuta. A software architecture for massively parallel input-output. *Lecture Notes in Computer Science*, 1184: 85–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Broda:1996:SGA

[2697] A. Broda and W. Dzwinel. Spatial genetic algorithm and its parallel implementation. *Lecture Notes in Computer Science*, 1184:97–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brown:1996:AAT

[2698] J. Brown. Addressing algebra as a tool for parallel program development. *Lecture Notes in Computer Science*, 1184:107–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brown:1996:ONB

[2699] J. Brown and M. Zagha. Optimizing the NAS BT application for the POWER CHALLENGE array. *Lecture Notes in Computer Science*, 1184:117–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Browne:1996:PAH

[2700] S. Browne, H. Casanova, and J. Dongarra. Providing access to high performance computing technologies. *Lecture Notes in Computer Science*, 1184:123–133, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bubak:1996:POO

[2701] M. Bubak, W. Ciesla, and K. Sowa. Parallel object-oriented library of genetic algorithms. *Lecture Notes in Computer Science*, 1184:135–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bubak:1996:MPP

[2702] M. Bubak, W. Funika, and J. Moscinski. Monitoring of performance of PVM applications on virtual network computer. *Lecture Notes in Computer Science*, 1184:147–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Buecker:1996:PVQ

[2703] H. M. Buecker and M. Sauren. A parallel version of the quasi-minimal residual method, based on coupled two-term recurrences. *Lecture Notes in Computer Science*, 1184:157–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Cerioni:1996:PPS

[2704] F. Cerioni, M. Colajanini, S. Filippone, and S. Maiolatesi. A proposal for parallel sparse BLAS. *Lecture Notes in Computer Science*, 1184:166–??, 1996.

CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Clausen:1996:PSB

[2705] J. Clausen. Parallel search-based methods in optimization. *Lecture Notes in Computer Science*, 1184:176–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dackland:1996:HAP

[2706] K. Dackland and B. Kaagstroem. An hierarchical approach for performance analysis of ScaLAPACK-based routines using the Distributed Linear Algebra Machine. *Lecture Notes in Computer Science*, 1184:186–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dillon:1996:MAA

[2707] E. Dillon, J. Guyard, and G. Wantz. MeDLey: An abstract approach to message passing. *Lecture Notes in Computer Science*, 1184:196–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dongarra:1996:ST

[2708] J. Dongarra and L. S. Blackford. ScaLAPACK tutorial. *Lecture Notes in Computer Science*, 1184:204–215, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Dracopoulos:1996:BSP

[2709] D. C. Dracopoulos and S. Kent. Bulk synchronous parallelisation of genetic programming. *Lecture Notes in Computer Science*, 1184:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Duff:1996:FSS

[2710] I. S. Duff and J. A. Scott. Frontal software for the solution of sparse linear equations. *Lecture Notes in Computer Science*, 1184:227–238, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Esposito:1996:PHB

[2711] A. Esposito and L. Tarricone. Parallel heuristics for bandwidth reduction of sparse matrices with IBM SP2 and Cray T3D. *Lecture Notes in Computer Science*, 1184:239–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Filippone:1996:PLD

[2712] S. Filippone. Parallel libraries on distributed memory architectures: The IBM Parallel ESSL. *Lecture Notes in Computer Science*, 1184:247–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Foresti:1996:PLS

[2713] S. Foresti, L. Zeng, G. Gullberg, and R. Huesman. Parallel least squares estimates of 2-D SPECT image reconstructions on the SGI Power Challenge. *Lecture Notes in Computer Science*, 1184:256–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fornberg:1996:PPC

[2714] B. Fornberg. The prospect for parallel computing in the oil industry. *Lecture Notes in Computer Science*, 1184: 262–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fragopoulou:1996:PEM

[2715] P. Fragopoulou and O. H. Nielsen. Performance evaluation and modeling of reduction operations on the IBM RS/6000 SP parallel computer. *Lecture Notes in Computer Science*, 1184:272–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Fujino:1996:VTF

[2716] S. Fujino and R. Himeno. A vectorization technique for a family of finite difference formulae and its performance evaluation. *Lecture Notes in Computer Science*, 1184:284–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garcia:1996:PSF

[2717] D. Garcia, F. J. Suarez, J. Garcia, and J. M. Lopez. Parallel simulation of finishing hot strip millsi. *Lecture Notes in Computer Science*, 1184:292–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Garcia:1996:PTD

[2718] J. M. Garcia, J. L. Sanchez, and P. Gonzalez. PEPE: a trace-driven simulator to evaluate reconfigurable multicomputer architectures. *Lecture Notes in Computer Science*, 1184:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Geng:1996:DAM

[2719] X. Geng, J. Zhao, Y. Yan, and Y. Yu. Data acquisition and management in BEPC. *Lecture Notes in Computer Science*, 1184:312–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1996:FGP

[2720] A. Gupta and F. Gustavson. Fast graph partitioning and its application in sparse matrix ordering. *Lecture Notes in Computer Science*, 1184:316–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gupta:1996:DIE

[2721] A. Gupta, F. G. Gustavson, M. Joshi, and S. Toledo. The design, implementation, and evaluation of a banded linear solver for distributed-memory parallel computers. *Lecture Notes in Computer Science*, 1184:328–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gustavson:1996:NPA

[2722] F. G. Gustavson and A. Gupta. A new parallel algorithm for tridiagonal symmetric positive definite systems of equations. *Lecture Notes in Computer Science*, 1184:341–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hackenberg:1996:EPS

[2723] M. G. Hackenberg, W. Joppich, and S. Mijalkovic. An environment for the parallel solution of coupled problems on structured grids. *Lecture Notes in Computer Science*, 1184:350–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hall:1996:PPR

[2724] J. A. J. Hall and K. I. M. McKinnon. PARSMI, a parallel revised simplex algorithm incorporating minor iterations and devex pricing. *Lecture Notes in*

Computer Science, 1184:359–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hamma:1996:POI

[2725] B. Hamma. Parallel optimization of interplanetary trajectories. *Lecture Notes in Computer Science*, 1184:369–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hansen:1996:FMR

[2726] P. C. Hansen and S. H. Jensen. Filter model of reduced-rank noise reduction. *Lecture Notes in Computer Science*, 1184:379–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hegarty:1996:CPD

[2727] D. F. Hegarty, M. T. Kechadi, and K. A. Dawson. On the crossover points for dynamic load balancing of long-chained molecules. *Lecture Notes in Computer Science*, 1184:388–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Heuveline:1996:PCS

[2728] V. Heuveline and M. Sadkane. Parallel computation of spectral portrait of large matrices. *Lecture Notes in Computer Science*, 1184:398–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Inutin:1996:CPM

[2729] S. A. Inutin. Computer parallel modular algebra. *Lecture Notes in Computer Science*, 1184:408–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:POS

[2730] H. J. Kim, J. K. Lee, and K. W. Rim. Parallel operating system for MPP system: Design and implementations. *Lecture Notes in Computer Science*, 1184:413–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kim:1996:NGM

[2731] Y. Kim and T. Feng. New graph model and its routing algorithm for rearrangeable networks. *Lecture Notes in Computer Science*, 1184:423–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kiper:1996:MDA

[2732] A. Kiper. Modified Dorn's algorithm with improved speed-up. *Lecture Notes in Computer Science*, 1184:433–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kitowski:1996:CTS

[2733] J. Kitowski, K. Boryczko, and J. Moscinski. Comparison of two short-range molecular dynamics algorithms for parallel computing. *Lecture Notes in Computer Science*, 1184:443–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Larsen:1996:PLA

[2734] J. Larsen, T. Christensen, and L. Frellesen. Parallelising large applications. *Lecture Notes in Computer Science*, 1184:450–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Lorenzo:1996:HPF

[2735] P. A. R. Lorenzo, A. Mueller, Y. Murakami, and B. J. N. Wylie. High Performance Fortran interfacing to ScaLAPACK. *Lecture Notes in Computer Science*, 1184:457–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Manne:1996:PAM

[2736] F. Manne and T. Soerevik. Partitioning an array onto a mesh of processors. *Lecture Notes in Computer Science*, 1184:467–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Maschhoff:1996:PEP

[2737] K. J. Maschhoff and D. C. Sorensen. PARPACK: An efficient portable large scale eigenvalue package for distributed memory parallel architectures. *Lecture Notes in Computer Science*, 1184:478–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

May:1996:PDR

[2738] M. May. Parallel distributed representation of sparse grids using process arrays. *Lecture Notes in Computer Science*, 1184:487–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

McKee:1996:OSD

[2739] S. McKee, P. Oliveira, C. Aldridge, and J. McDonald. Optimal scheduling, decomposition, and parallelisation. *Lecture Notes in Computer Science*, 1184:494–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meajil:1996:ITB

[2740] A. I. Meajil. An implementation of a tree-based N-body algorithm on message-passing architectures. *Lecture Notes in Computer Science*, 1184:505–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Meajil:1996:QAA

[2741] A. I. Meajil, T. El-Ghazawi, and T. Sterling. A quantitative approach for architecture-invariant parallel workload characterization. *Lecture Notes in Computer Science*, 1184:515–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Monakhov:1996:PMP

[2742] O. G. Monakhov and O. Y. Chunikhin. Parallel mapping of program graphs into parallel computers by self-organization algorithm. *Lecture Notes in Computer Science*, 1184:525–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Naur:1996:PCD

[2743] P. Naur. PARA'96 conference dinner talk, 1996 August 20. *Lecture Notes in Computer Science*, 1184:529–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nelson:1996:COR

[2744] C. A. Nelson. Compiler optimizations for red-black HPF codes. *Lecture Notes in Computer Science*, 1184:534–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Onesti:1996:PLA

[2745] L. Onesti and T. Soerevik. Parallelization of a local area ocean model. *Lecture Notes in Computer Science*, 1184: 543–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ostromsky:1996:PSS

[2746] T. Ostromsky, S. Salvini, J. Wasniewski, and Z. Zlatev. Parallel solution of sparse problemns by using a sequence of large dense blocks. *Lecture Notes in Computer Science*, 1184:555–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Oezaktas:1996:PSC

[2747] H. Oezaktas, M. Akguel, and M. C. Pinar. The parallel surrogate constraint approach to the linear feasibility problem. *Lecture Notes in Computer Science*, 1184:565–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pardalos:1996:PGM

[2748] P. M. Pardalos, L. Pitsoulis, and M. G. C. Resende. A parallel GRASP for MAX-SAT problems. *Lecture Notes in Computer Science*, 1184:575–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Perram:1996:AHM

[2749] J. W. Perram. Applications of HPCN in manufacturing industry. *Lecture Notes in Computer Science*, 1184:586–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pinar:1996:EMD

[2750] A. Pinar and C. Aykanat. An effective model to decompose linear programs for parallel solution. *Lecture Notes in Computer Science*, 1184:592–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salvini:1996:NLS

[2751] S. Salvini. Numerical libraries on shared memory computers. *Lecture Notes in Computer Science*, 1184:602–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Salvini:1996:LAS

[2752] S. Salvini and J. Wasniewski. Linear algebra subprograms on shared memory computers: Beyond LAPACK. *Lecture Notes in Computer Science*, 1184: 614–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Skelboe:1996:IPS

[2753] S. Skelboe. Integration of partitioned stiff systems of ordinary differential equations. *Lecture Notes in Computer Science*, 1184:621–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Soerensen:1996:DLE

[2754] J. N. Soerensen, S. A. Kristensen, and L. K. Christensen. Direct and large eddy simulations of thermo-convective flows. *Lecture Notes in Computer Science*, 1184:631–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Suzaki:1996:MTM

[2755] K. Suzaki, H. Tanuma, S. Hirano, and Y. Ichisugi. Multi-tasking method on parallel computers which combines a contiguous and non-contiguous processor partitioning algorithm. *Lecture Notes in Computer Science*, 1184:641–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Szularz:1996:HPE

[2756] M. Szularz, J. Weston, M. Clint, and K. Murphy. A highly parallel explicitly restarted Lanczos algorithm. *Lecture Notes in Computer Science*, 1184:651–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Thomsen:1996:DSS

[2757] P. G. Thomsen. Dynamic systems and software. *Lecture Notes in Computer Science*, 1184:661–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Tingleff:1996:PIC

[2758] O. Tingleff. Parallel implementations of classical optimization methods. *Lecture Notes in Computer Science*, 1184:668–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toxvaerd:1996:CEC

[2759] S. Toxvaerd. Computer engineering of complex physical and chemical systems by parallel molecular dynamics computations. *Lecture Notes in Computer Science*, 1184:676–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

VanderVorst:1996:PFA

[2760] H. A. Van der Vorst and G. L. G. Sleijpen. A parallelizable and fast algorithm for very large generalized eigenproblems. *Lecture Notes in Computer Science*, 1184:686–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wcislo:1996:PCA

[2761] R. Wcislo, J. Kitowski, and J. Moscinski. Parallelisation of a code for animation of multi-object system. *Lecture Notes in Computer Science*, 1184: 697–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yang:1996:PIP

[2762] T. Yang. Parallel inner product-free algorithm for least squares problems. *Lecture Notes in Computer Science*, 1184:710–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wilde:1996:GSM

[2763] E. Wilde, P. Freiburghaus, D. Koller, and B. Plattner. A group and session management system for distributed multimedia applications. *Lecture Notes in Computer Science*, 1185:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Waters:1996:LCA

[2764] A. G. Waters and J. S. Crawford. Low-cost ATM multicast routing with constrained delays. *Lecture Notes in Computer Science*, 1185:23–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hofmann:1996:AST

[2765] M. Hofmann. Adding scalability to transport level multicast. *Lecture Notes in Computer Science*, 1185:41–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Chan:1996:RBK

[2766] M. C. Chan, J.-F. Huard, A. A. Lazar, and K.-S. Lim. On realizing a broadband kernel for multimedia networks. *Lecture Notes in Computer Science*, 1185:56–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Waddington:1996:SQM

[2767] D. G. Waddington, G. Coulson, and D. Hutchison. Specifying QoS for multimedia communications within distributed programming environments. *Lecture Notes in Computer Science*, 1185:75–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Pfeifer:1996:GCC

[2768] T. Pfeifer and R. Popescu-Zeletin. Generic conversion of communication media for supporting personal mobility. *Lecture Notes in Computer Science*, 1185:104–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Almeida:1996:FDN

[2769] A. Almeida. A framework for the deployment of new services using hypermedia distributed systems. *Lecture Notes in Computer Science*, 1185:130–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Quemada:1996:ICA

[2770] J. Quemada, T. De Miguel, A. Azcorra, and S. Pavon. ISABEL: a CSCW application for the distribution of events. *Lecture Notes in Computer Science*, 1185:137–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Leopold:1996:BPA

[2771] H. Leopold and R. Hirn. The bookshop project: An Austrian interactive multimedia application case study. *Lecture Notes in Computer Science*, 1185: 154–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Degermark:1996:IDN

[2772] M. Degermark and S. Pink. Issues in the design of a new network protocol. *Lecture Notes in Computer Science*, 1185:169–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sadka:1996:SCC

[2773] A. H. Sadka, F. Eryurtlu, and A. M. Kondoz. Source and channel coding for mobile multimedia communications. *Lecture Notes in Computer Science*, 1185:183–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

HuisintVeld:1996:DCA

[2774] R. J. Huis in't Veld, A.-N. Ladhani, B. Van der Waaij, and I. A. Widya. Developing a conference application on top of an advanced signalling infrastructure. *Lecture Notes in Computer Science*, 1185:201–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

GarciaAdanez:1996:NNA

[2775] X. Garcia Adanez, O. Verscheure, and J.-P. Hubaux. New network and ATM adaptation layers for real-time multimedia applications: a performance study based on psychophysics. *Lecture Notes in Computer Science*, 1185:216–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Waldegg:1996:MAU

[2776] D. Bourges Waldegg, N. Lagha, and J.-P. Le Narzul. Multimedia applications on a Unix SVR4 kernel: Performance study. *Lecture Notes in Computer Science*, 1185:232–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Verscheure:1996:PVQ

[2777] O. Verscheure and J.-P Hubaux. Perceptual video quality and activity metrics: Optimization of video services based on MPEG-2 encoding. *Lecture Notes in Computer Science*, 1185:249–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Papadimitriou:1996:PTQ

[2778] C. H. Papadimitriou. Planar topological queries. *Lecture Notes in Computer Science*, 1191:1–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Gaede:1996:IIC

[2779] V. Gaede and M. Wallace. An informal introduction to constraint database systems. *Lecture Notes in Computer Science*, 1191:7–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Miranker:1996:QEC

[2780] D. P. Miranker, R. J. Bayardo, and V. Samoladas. Query evaluation as constraint search; an overview of early results. *Lecture Notes in Computer Science*, 1191:53–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toman:1996:CWF

[2781] D. Toman. Computing the well-founded semantics for constraint extensions of Datalog. *Lecture Notes in Computer Science*, 1191:64–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Wang:1996:DLJ

[2782] Y. Wang, B. Shi, and Y. Qu. Decomposition and lossless join in constraint databases. *Lecture Notes in Computer Science*, 1191:80–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Hacid:1996:RBC

[2783] M.-S. Hacid, P. Marcel, and C. Rigotti. A rule-based CQL for 2-dimensional tables. *Lecture Notes in Computer Science*, 1191:92–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Afrati:1996:EQL

[2784] F. Afrati, T. Andronikos, and T. Kavalieros. On the expressiveness of query languages with linear constraints; capturing desirable spatial properties. *Lecture Notes in Computer Science*, 1191: 105–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Kuijpers:1996:ETC

[2785] B. Kuijpers and M. Smits. On expressing topological connectivity in Spatial Datalog. *Lecture Notes in Computer Science*, 1191:116–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Brodsky:1996:CCO

[2786] A. Brodsky and V. E. Segal. The C03 constraint object-oriented database system: An overview. *Lecture Notes in Computer Science*, 1191:134–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bertino:1996:ICC

[2787] E. Bertino, B. Catania, and S. Bressan. Integrity constraint checking in Chimera. *Lecture Notes in Computer Science*, 1191:160–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Ibrahim:1996:STI

[2788] H. Ibrahim, W. A. Gray, and N. J. Fiddian. SICSDD: Techniques and implementation. *Lecture Notes in Computer Science*, 1191:187–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Alagic:1996:TCS

[2789] S. Alagic. A temporal constraint system for object-oriented databases. *Lecture Notes in Computer Science*, 1191: 208–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Doucet:1996:UDV

[2790] A. Doucet, M.-C. Fauvet, S. Gancarski, and G. Jomier. Using database versions to implement temporal integrity constraints. *Lecture Notes in Computer Science*, 1191:219–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Revesz:1996:GDA

[2791] P. Z. Revesz. Genomic database applications in DISCO. *Lecture Notes in Computer Science*, 1191:234–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Toman:1996:CDP

[2792] D. Toman. Constraint databases and program analysis using abstract interpretation. *Lecture Notes in Computer Science*, 1191:246–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Sexton:1996:QIF

[2793] A. P. Sexton. Querying indexed files. *Lecture Notes in Computer Science*, 1191:263–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Freeston:1996:CBT

[2794] M. Freeston. On the complexity of BV-tree updates. *Lecture Notes in*

Computer Science, 1191:282–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Bressan:1996:IID

[2795] S. Bressan, A. P. Sexton, and M. Wallace. Implementing index data structures using constraint logic programming. *Lecture Notes in Computer Science*, 1191:294–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Revesz:1996:PSD

[2796] P. Z. Revesz. Problem solving in the DISCO constraint database system. *Lecture Notes in Computer Science*, 1191:302–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Yakhno:1996:IDL

[2797] T. M. Yakhno and S. Zilberfaine. Interval domain library for ECL0iPS0e and its application. *Lecture Notes in Computer Science*, 1191:316–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nigam:1996:SQO

[2798] S. Nigam and K. C. Davis. A semantic query optimization algorithm for object-oriented databases. *Lecture Notes in Computer Science*, 1191:329–??, 1996. CODEN LNCSD9. ISSN 0302-9743 (print), 1611-3349 (electronic).

Nagl:1996:BTI

[2799] Manfred Nagl, editor. *Building tightly integrated software development environments: the IPSEN approach*, volume 1170 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. ISBN 3-540-61985-2. ISSN 0302-9743 (print), 1611-3349 (electronic). ix + 709 pp. LCCN QA76.76.O63B838 1996.

Franz:1996:AAR

[2800] Alexander Franz. *Automatic ambiguity resolution in natural language processing*, volume 1171 of *Lecture Notes in Artificial Intelligence and Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. ISBN 3-540-62004-4. ISSN 0302-9743 (print), 1611-3349 (electronic). xv + 155 pp. LCCN QA76.9.N38F75 1996.

Muller:1996:DIA

[2801] J. P. (Jorg P.) Muller. *The design of intelligent agents: a layered approach*, volume 1177 of *Lecture Notes in Artificial Intelligence and Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. ISBN 3-540-62003-6 (softcover). ISSN 0302-9743 (print), 1611-3349 (electronic). xiv + 227 pp. LCCN TJ217.5.M84 1996.

Hasan:1996:OSQ

[2802] Waqar Hasan. *Optimization of SQL queries for parallel machines*, volume 1182 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. ISBN 3-540-62065-6. ISSN 0302-9743 (print), 1611-3349 (electronic). xviii + 133 pp. LCCN QA76.73.S67H38 1996.

Chandru:1996:FST

[2803] V. Chandru and V. Vinay, editors. *Foundations of software technology and theoretical computer science: 16th conference, Hyderabad, India, December*

18–20, 1996: proceedings, volume 1180 of *Lecture Notes in Computer Science*. Springer-Verlag Inc., New York, NY, USA, 1996. CODEN LNCSD9. ISBN 3-540-62034-6. ISSN 0302-9743 (print), 1611-3349 (electronic). LCCN QA76.751 .F692 1996. FST and TCS 16: The proceedings of the Sixteenth Annual Conference on Foundations of Software Technology and Theoretical Computer Science.