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- (3/2) $\log 3$ [723]. (α) [1110]. $(A \vee B) \Rightarrow C$ [1133]. (q) [1379]. $*$ [36]. $+$ [666, 1191]. 0 [888, 104, 760, 161, 335, 430, 1164]. $0, 1, , n - 1$ [548]. 1 [880, 133, 162, 760, 1164]. 101 [1254]. 180 [1037]. 2 [1066, 1283, 171, 266, 1179, 583, 1000, 1369]. 2.5 [167]. 2λ [528]. 3 [51, 729, 1348, 822, 782]. 4 [549]. $=$ [17]. 0 [1225]. A^* [1180]. α [1373, 597]. B_n [548]. β [1136]. $\beta = \lambda$ [282]. $c\beta$ [829]. D [1330, 1358]. Δ [604]. E [1344, 98, 1368]. E_2 [98]. η [1136]. F [770, 106]. $F_<$ [37]. F_{qn} [1383]. G [278]. h [879]. $H(X)$ [1285]. K [1123, 58, 1143, 1080, 376, 438, 10, 1180, 879, 1039, 1082]. κ [666, 1191]. L_1 [815]. λ [628, 228, 1193, 1393, 1394, 700, 517, 1347, 89, 4, 1198, 464, 276, 365, 366]. λ^Ω [628]. $\lambda\beta$ [829]. $\log_2 n + O(1)$ [862]. m [558, 163]. μ [216, 177, 1048, 1237, 407, 1365]. N [1208, 616, 971]. $n + c^{\text{ste}}$ [1208]. $n + c^{\text{th}}$ [1208]. \neq [159]. $O(n)$ [971]. $O(n^5/2)$ [720]. Ω [756, 217, 745, 849, 940, 847, 592, 90]. P [294, 1424, 342, 329, 163]. P_4 [693, 136]. π [1004, 485, 480, 969]. $P\omega$ [883, 283]. r [204]. R^q [967]. S [969]. σ [270, 969]. σ^+ [270]. ε [10]. $W[1]$ [62]. $W[2]$ [1147]. X [364]. $x_0 u_1^i x_1 u_2^j x_2 u_3^k x_3 = y_0 v_1^i y_1 v_2^j y_2 v_3^k y_3 (i = 0, 1, 2,)$ [1374]. Z/nZ [1380]. Z^3 [421, 782]. Z_m [1330, 1085]. Z_N [1382].
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- Yekutieli** [713]. **yield** [298]. **Yoneda** [876, 1412].
- zero** [856]. **zero-one** [856]. **ZFC** [666, 1191]. **Ziv** [117]. **zooming** [157].

References

Matos:1994:PSI

- [1] Armando B. Matos. Periodic sets of integers. *Theoretical Computer Science*, 127(2):287–312, May 23, 1994. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1994&volume=127&issue=2&aid=1479. See remark [72].

Botelho:1994:BNN

- [2] Fernando Botelho and Max Garzon. Boolean neural nets are observable. *Theoretical Computer Science*, 134(1):51–61, November 07, 1994. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1994&volume=134&issue=1&aid=1731. See erratum [735].

Galmiche:1994:PNL

- [3] Didier Galmiche and Guy Perrier. On proof normalization in linear logic. *Theoretical Computer Science*, 135(1):67–110, December 05, 1994. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1994&volume=135&issue=1&aid=1746](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1994&volume=135&issue=1&aid=1746) ■
See corrigendum [1112].
- Hagiya:1995:TCP**
- [4] Masami Hagiya. A typed λ -calculus for proving-by-example and bottom-up generalization procedure. *Theoretical Computer Science*, 137(1):3–23, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1786 ■
- Jantke:1995:CBR**
- [5] Klaus P. Jantke and Steffen Lange. Case-based representation and learning of pattern languages. *Theoretical Computer Science*, 137(1):25–51, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1787 ■
- Mukouchi:1995:TMT**
- [6] Yasuhito Mukouchi and Setsuo Arikawa. Towards a mathematical theory of machine discovery from facts. *Theoretical Computer Science*, 137(1):53–84, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1788 ■
- Jain:1995:ATL**
- [7] Sanjay Jain and Arun Sharma. On aggregating teams of learning machines. *Theoretical Computer Science*, 137(1):85–108, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1789 ■
- Sakurai:1995:VDD**
- [8] Akito Sakurai. On the VC-dimension of depth four threshold circuits and the complexity of Boolean-valued functions. *Theoretical Computer Science*, 137(1):109–127, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1790 ■
- Shinohara:1995:CCV**
- [9] Ayumi Shinohara. Complexity of computing Vapnik–Chervonenkis dimension and some generalized dimensions. *Theoretical Computer Science*, 137(1):129–144, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1791 ■
- Hasegawa:1995:ALS**
- [10] Susumu Hasegawa, Hiroshi Imai, and Masaki Ishiguro. ε -approximations of k -label spaces. *Theoretical Computer Science*, 137(1):145–157, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1792](http://www.elsevier.com/cgi-bin/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1792)
- Nakamura:1995:ELL**
- [11] Atsuyoshi Nakamura and Naoki Abe. Exact learning of linear combinations of monotone terms from function value queries. *Theoretical Computer Science*, 137(1):159–176, January 09, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=1&aid=1793
- Fernau:1995:VLA**
- [12] Henning Fernau. Valuations of languages, with applications to fractal geometry. *Theoretical Computer Science*, 137(2):177–217, January 23, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=2&aid=1690
- Fabre:1995:SSN**
- [13] Stéphane Fabre. Substitutions et systèmes de numération. (French) [Substitutions and beta numbering systems]. *Theoretical Computer Science*, 137(2):219–236, January 23, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=2&aid=1692
- Esik:1995:EPK**
- [14] Z. Ésik and L. Bernátsky. Equational properties of Kleene algebras of relations with conversion. *Theoretical Computer Science*, 137(2):237–251, January 23, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=2&aid=1682
- Takahashi:1995:MSP**
- [15] Atsushi Takahashi, Shuichi Ueno, and Yoji Kajitani. Mixed searching and proper-path-width. *Theoretical Computer Science*, 137(2):253–268, January 23, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=2&aid=1813
- Breslauer:1995:FPS**
- [16] Dany Breslauer. Fast parallel string prefix-matching. *Theoretical Computer Science*, 137(2):269–278, January 23, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=2&aid=1811
- Arvind:1995:INP**
- [17] Vikraman Arvind, Johannes Köbler, Uwe Schöning, and Rainer Schuler. If NP has polynomial-size circuits, then MA=AM. *Theoretical Computer Science*, 137(2):279–282, January 23, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1995&volume=137&issue=2&aid=1783](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=137&issue=2&aid=1783)
- Alur:1995:AAH**
- [18] R. Alur, C. Courcoubetis, N. Halbwachs, T. A. Henzinger, P.-H. Ho, X. Nicollin, A. Olivero, J. Sifakis, and S. Yovine. The algorithmic analysis of hybrid systems. *Theoretical Computer Science*, 138(1):3–34, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1836
- Asarin:1995:RAD**
- [19] Eugene Asarin, Oded Maler, and Amir Pnueli. Reachability analysis of dynamical systems having piecewise-constant derivatives. *Theoretical Computer Science*, 138(1):35–65, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1862
- Branicky:1995:UCO**
- [20] Michael S. Branicky. Universal computation and other capabilities of hybrid and continuous dynamical systems. *Theoretical Computer Science*, 138(1):67–100, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1797
- Grossman:1995:AAH**
- [21] R. L. Grossman and R. G. Larson. An algebraic approach to hybrid systems. *Theoretical Computer Science*, 138(1):101–112, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1796
- Hansen:1995:FD**
- [22] Michael R. Hansen, Paritosh K. Pandya, and Zhou Chaochen. Finite divergence. *Theoretical Computer Science*, 138(1):113–139, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1795
- Kohn:1995:VHS**
- [23] Wolf Kohn, Anil Nerode, Jeffrey B. Remmel, and Alexander Yakhnis. Viability in hybrid systems. *Theoretical Computer Science*, 138(1):141–168, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1800
- Lakhneche:1995:MTL**
- [24] Yassine Lakhneche and Jozef Hooman. Metric temporal logic with durations. *Theoretical Computer Science*, 138(1):169–199, February 06, 1995. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1801. ■
- Lemmon:1995:IIV**
- [25] Michael Lemmon and Panos J. Antsaklis. Inductively inferring valid logical models of continuous-state dynamical systems. *Theoretical Computer Science*, 138(1):201–210, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1798. ■
- Zhang:1995:CNS**
- [26] Ying Zhang and Alan K. Mackworth. Constraint nets: a semantic model for hybrid dynamic systems. *Theoretical Computer Science*, 138(1):211–239, February 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=1&aid=1799. ■
- Davies:1995:BHT**
- [27] Jim Davies and Steve Schneider. A brief history of Timed CSP. *Theoretical Computer Science*, 138(2):243–271, February 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=2&aid=1803. ■
- Mislove:1995:FPC**
- [28] M. W. Mislove, A. W. Roscoe, and S. A. Schneider. Fixed points without completeness. *Theoretical Computer Science*, 138(2):273–314, February 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=2&aid=1804. ■
- Lowe:1995:PPM**
- [29] Gavin Lowe. Probabilistic and prioritized models of timed CSP. *Theoretical Computer Science*, 138(2):315–352, February 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=2&aid=1805. ■
- Hennessy:1995:SB**
- [30] M. Hennessy and H. Lin. Symbolic bisimulations. *Theoretical Computer Science*, 138(2):353–389, February 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=2&aid=1806. ■
- DeNicola:1995:PAV**
- [31] Rocco De Nicola and Roberto Segala. A process algebraic view of input/output automata. *Theoretical Computer Science*, 138(2):391–423, February 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=2&aid=1807. ■

- com/cgi-bin/cas/tree/store/tcs/
cas_sub/browse/browse.cgi?year=1995&volume=138&issue=2&aid=1807.]
- Pinna:1995:NEA**
- [32] G. Michele Pinna and Axel Poigné. On the nature of events: another perspective in concurrency. *Theoretical Computer Science*, 138(2):425–454, February 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=138&issue=2&aid=1808.]
- Hodkinson:1995:GTF**
- [33] Ian Hodkinson. On Gabbay’s temporal fixed point operator. *Theoretical Computer Science*, 139(1–2):1–25, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1725.]
- Pappinghaus:1995:LU**
- [34] Peter Päppinghaus. On the logic of UNITY. *Theoretical Computer Science*, 139(1–2):27–67, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1684.]
- Cockett:1995:SCD**
- [35] J. Robin B. Cockett and Dwight Spencer. Strong categorical datatypes. II. A term logic for categorical programming. *Theoretical Computer Science*, 139(1–2):69–113, March 06,
1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1740.]
- Barr:1995:NAC**
- [36] Michael Barr. Nonsymmetric *-autonomous categories. *Theoretical Computer Science*, 139(1–2):115–130, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1730.
- Ghelli:1995:DTC**
- [37] Giorgio Ghelli. Divergence of F_\prec type checking. *Theoretical Computer Science*, 139(1–2):131–162, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1678.]
- Bergeron:1995:SCD**
- [38] Anne Bergeron. Sharing out control in distributed processes. *Theoretical Computer Science*, 139(1–2):163–186, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1773.

- Malacaria:1995:SET**
- [39] Pasquale Malacaria. Studying equivalences of transition systems with algebraic tools. *Theoretical Computer Science*, 139(1–2):187–205, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1688. ■
- Dougherty:1995:CLA**
- [40] Daniel J. Dougherty and Patricia Johann. A combinatory logic approach to higher-order E-unification. *Theoretical Computer Science*, 139(1–2):207–242, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1844. ■
- Moschovakis:1995:CCP**
- [41] Yiannis N. Moschovakis. Computable concurrent processes. *Theoretical Computer Science*, 139(1–2):243–273, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1758. ■
- Bernot:1995:OSI**
- [42] Gilles Bernot, Michel Bidoit, and Teodor Knapik. Observational specifications and the indistinguishability assumption. *Theoretical Computer Science*, 139(1–2):275–314, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1658. ■
- Inverardi:1995:DOC**
- [43] P. Inverardi and M. Nesi. Deciding observational congruence of finite-state CCS expressions by rewriting. *Theoretical Computer Science*, 139(1–2):315–354, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1715. ■
- Weiermann:1995:TPT**
- [44] Andreas Weiermann. Termination proofs for term rewriting systems by lexicographic path orderings imply multiply recursive derivation lengths. *Theoretical Computer Science*, 139(1–2):355–362, March 06, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=139&issue=1-2&aid=1776. ■
- Pigozzi:1995:LAA**
- [45] Don Pigozzi and Antonino Salibra. Lambda abstraction algebras: representation theorems. *Theoretical Computer Science*, 140(1):5–52, March 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=10. ■

- [cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=1837](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=1837)
- Laroussinie:1995:TBM**
- [46] F. Laroussinie, S. Pinchinat, and Ph. Schnoebelen. Translations between modal logics of reactive systems. *Theoretical Computer Science*, 140(1):53–71, March 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=1838
- Gorrieri:1995:TPD**
- [47] Roberto Gorrieri, Marco Roccetti, and Enrico Stancampiano. A theory of processes with durational Actions. *Theoretical Computer Science*, 140(1):73–94, March 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=1839
- Mokkedem:1995:UTL**
- [48] Abdelillah Mokkedem and Dominique Méry. On using temporal logic for refinement and compositional verification of concurrent systems. *Theoretical Computer Science*, 140(1):95–138, March 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=1840
- Navarro:1995:CMS**
- [49] Marisa Navarro, Fernando Orejas, and Ana Sánchez. On the correctness of modular systems. *Theoretical Computer Science*, 140(1):139–177, March 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=1841
- Wagner:1995:RMO**
- [50] E. G. Wagner. On the role of memory in object-based and object-oriented languages. *Theoretical Computer Science*, 140(1):179–199, March 20, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=1&aid=1842
- Dattasharma:1995:AVR**
- [51] Abhi Dattasharma and S. Sathiya Keerthi. An augmented Voronoi roadmap for 3D translational motion planning for a convex polyhedron moving amidst convex polyhedral obstacles. *Theoretical Computer Science*, 140(2):205–230, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1825
- Sarrafzadeh:1995:DWP**
- [52] Majid Sarrafzadeh and Sanjeev R. Maddila. Discrete warehouse problem. *Theoretical Computer Sci-*

- ence, 140(2):231–247, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1826 ■
- Prasad:1995:NCS**
- [53] L. Prasad and S. S. Iyengar. A note on the combinatorial structure of the visibility graph in simple polygons. *Theoretical Computer Science*, 140(2):249–263, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1827 ■
- Rao:1995:FPS**
- [54] Nageswara S. V. Rao. On fast planning of suboptimal paths amidst polygonal obstacles in plane. *Theoretical Computer Science*, 140(2):265–289, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1828 ■
- Sridhar:1995:EAS**
- [55] R. Sridhar, K. Han, and N. Chandrasekharan. Efficient algorithms for shortest distance queries on special classes of polygons. *Theoretical Computer Science*, 140(2):291–300, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/> ■
- cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1829 ■
- deBerg:1995:RGD**
- [56] Mark de Berg, Leonidas Guibas, Dan Halperin, Mark Overmars, Otfried Schwarzkopf, Micha Sharir, and Monique Teillaud. Reaching a goal with directional uncertainty. *Theoretical Computer Science*, 140(2):301–317, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1871 ■
- Seetharaman:1995:SDS**
- [57] Guna Seetharaman. A simplified design strategy for mapping image processing algorithms on a SIMD torus. *Theoretical Computer Science*, 140(2):319–331, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1830 ■
- Bettayeb:1995:AH**
- [58] Saïd Bettayeb. On the k -ary hypercube. *Theoretical Computer Science*, 140(2):333–339, April 03, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=140&issue=2&aid=1831 ■

- Gruau:1995:FSN**
- [59] Frédéric Gruau, Jean-Yves Ratajszczak, and Gilles Wiber. Fundamental study: a neural compiler. *Theoretical Computer Science*, 141(1–2):1–52, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1834.
- Johansen:1995:LSM**
- [60] Peter Johansen. On-line string matching with feedback. *Theoretical Computer Science*, 141(1–2):53–67, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1852.
- Muller:1995:SAT**
- [61] David E. Muller and Paul E. Schupp. Simulating alternating tree automata by nondeterministic automata: New results and new proofs of the theorems of Rabin, McNaughton and Safra. *Theoretical Computer Science*, 141(1–2):69–107, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1848.
- Downey:1995:FPT**
- [62] Rod G. Downey and Michael R. Fellows. Fixed-parameter tractability and completeness II: On completeness for $W[1]$. *Theoretical Computer Science*, 141(1–2):109–131, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1738.
- Yao:1995:ADT**
- [63] Andrew Chi-Chih Yao. Algebraic decision trees and Euler characteristics. *Theoretical Computer Science*, 141(1–2):133–150, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1723.
- Kapur:1995:LLO**
- [64] Shyam Kapur and Gianfranco Bislardi. Language learning without overgeneralization. *Theoretical Computer Science*, 141(1–2):151–162, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1716.
- Apostolico:1995:PDA**
- [65] Alberto Apostolico, Dany Breslauer, and Zvi Galil. Parallel detection of all palindromes in a string. *Theoretical Computer Science*, 141(1–2):163–173, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1724](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1724)
- Jenner:1995:CFP**
- [66] Birgit Jenner and Jacobo Torán. Computing functions with parallel queries to NP. *Theoretical Computer Science*, 141(1–2):175–193, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1721
- Gorrieri:1995:ICC**
- [67] Roberto Gorrieri and Ugo Montanari. On the implementation of concurrent calculi in net calculi: two case studies. *Theoretical Computer Science*, 141(1–2):195–252, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1714
- Kari:1995:MPL**
- [68] Lila Kari, Alexandru Mateescu, Gheorghe Păun, and Arto Salomaa. Multi-pattern languages. *Theoretical Computer Science*, 141(1–2):253–268, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1728
- Haastad:1995:SER**
- [69] Johan Håstad, Alexander Razborov, and Andrew Yao. On the shrinkage exponent for read-once formu-
- lae. *Theoretical Computer Science*, 141(1–2):269–282, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1722
- Sieling:1995:GDB**
- [70] Detlef Sieling and Ingo Wegener. Graph driven BDDs — a new data structure for Boolean functions. *Theoretical Computer Science*, 141(1–2):283–310, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1719
- Mizoguchi:1995:RGR**
- [71] Yoshihiro Mizoguchi and Yasuo Kawahara. Relational graph rewritings. *Theoretical Computer Science*, 141(1–2):311–328, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1717
- Petersen:1995:RPB**
- [72] H. Petersen. A remark on a paper by A. B. Matos. *Theoretical Computer Science*, 141(1–2):329–330, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1718

- 1995&volume=141&issue=1-2&aid=1851■
See [1].
- Terrier:1995:RTO**
- [73] Véronique Terrier. On real time one-way cellular array. *Theoretical Computer Science*, 141(1–2):331–335, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1846■
- Dessmark:1995:MLL**
- [74] Anders Dessmark, Andrzej Lingas, and Anil Maheshwari. Multi-list layering: Complexity and applications. *Theoretical Computer Science*, 141(1–2):337–350, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1847■
- Justin:1995:QAF**
- [75] J. Justin and G. Pirillo. On a question about factorization forests. *Theoretical Computer Science*, 141(1–2):351–355, April 17, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=141&issue=1-2&aid=1843■
- Maluszynski:1995:P**
- [76] J. Maluszynski and M. Wirsing. Preface. *Theoretical Computer Science*, 142(1):1–??, 1995. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Aasa:1995:PSI**
- [77] Annika Aasa. Precedences in specifications and implementations of programming languages. *Theoretical Computer Science*, 142(1):3–26, May 01, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=1&aid=1860■
- Alpuente:1995:ICS**
- [78] María Alpuente, Moreno Falaschi, and Giorgio Levi. Incremental constraint satisfaction for equational logic programming. *Theoretical Computer Science*, 142(1):27–57, May 01, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=1&aid=1858■
- Loogen:1995:DDD**
- [79] Rita Loogen and Stephan Winkler. Dynamic detection of determinism in functional logic languages. *Theoretical Computer Science*, 142(1):59–87, May 01, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=1&aid=1859■
- Proietti:1995:UDF**
- [80] Maurizio Proietti and Alberto Pettorossi. Unfolding–definition–folding, in this order, for avoiding unnecessary

- variables in logic programs. *Theoretical Computer Science*, 142(1):89–124, May 01, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=1&aid=1861. ■
- Nilsson:1995:AIK**
- [81] Ulf Nilsson. Abstract interpretation: a kind of magic. *Theoretical Computer Science*, 142(1):125–138, May 01, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=1&aid=1857. ■
- Kirchner:1995:E**
- [82] C. Kirchner. Editorial. *Theoretical Computer Science*, 142(2):139–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Lynch:1995:RCC**
- [83] Christopher Lynch and Wayne Snyder. Redundancy criteria for constrained completion. *Theoretical Computer Science*, 142(2):141–177, May 15, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=2&aid=1908. ■
- Dershowitz:1995:NT**
- [84] Nachum Dershowitz and Charles Hoot. Natural termination. *Theoretical Computer Science*, 142(2):179–207, May 15, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=2&aid=1909. ■
- Rubio:1995:TAC**
- [85] Albert Rubio and Robert Nieuwenhuis. A total AC-compatible ordering based on RPO. *Theoretical Computer Science*, 142(2):209–227, May 15, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=2&aid=1910. ■
- Baader:1995:CTD**
- [86] Franz Baader and Klaus U. Schulz. Combination techniques and decision problems for disunification. *Theoretical Computer Science*, 142(2):229–255, May 15, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=2&aid=1911. ■
- Senizergues:1995:SUT**
- [87] Géraud Sénizergues. Some undecidable termination problems for semi-Thue systems. *Theoretical Computer Science*, 142(2):257–276, May 15, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=2&aid=1912. ■

Asperti:1995:PCL

- [88] Andrea Asperti and Cosimo Laneve. Paths, computations and labels in the lambda-calculus. *Theoretical Computer Science*, 142(2):277–297, May 15, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=2&aid=1913■

Gallier:1995:PPT

- [89] Jean Gallier. Proving properties of typed λ -terms using realizability and covers, and sheaves. *Theoretical Computer Science*, 142(2):299–368, May 15, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=142&issue=2&aid=1914■

Van:1995:CRL

- [90] Do Long Van, B. Le Saec, and I. Litovsky. Characterizations of rational ω -languages by means of right congruences. *Theoretical Computer Science*, 143(1):1–21, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1741■

Krithivasan:1995:NPA

- [91] Kamala Krithivasan and Meena Mahajan. Nondeterministic, probabilistic and alternating computations on cellular array models. *Theoretical Computer Science*, 143(1):23–49, May

29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1737■

Antimirov:1995:RER

- [92] Valentin M. Antimirov and Peter D. Mosses. Rewriting extended regular expressions. *Theoretical Computer Science*, 143(1):51–72, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1726■

Bender:1995:PIO

- [93] Michael A. Bender, Michel Gastaldo, and Michel Morvan. Parallel interval order recognition and construction of interval representations. *Theoretical Computer Science*, 143(1):73–91, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1739■

Goldstein:1995:CPG

- [94] Arthur S. Goldstein and Edward M. Reingold. The complexity of pursuit on a graph. *Theoretical Computer Science*, 143(1):93–112, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1872■

- Jiang:1995:SCS**
- [95] Tao Jiang and Vadim G. Timkovsky. Shortest consistent superstrings computable in polynomial time. *Theoretical Computer Science*, 143(1):113–122, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1886. ■
- Ito:1995:OST**
- [96] Akira Ito, Katsushi Inoue, Itsuo Takanami, and Yue Wang. Optimal simulation of two-dimensional alternating finite automata by three-way nondeterministic Turing machines. *Theoretical Computer Science*, 143(1):123–135, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1869. ■
- Jiang:1995:ATA**
- [97] Tao Jiang, Lusheng Wang, and Kaizhong Zhang. Alignment of trees — an alternative to tree edit. *Theoretical Computer Science*, 143(1):137–148, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1867. ■
- Juedes:1995:WC**
- [98] David W. Juedes and Jack H. Lutz. Weak completeness in E and E_2 . *Theoretical Computer Science*, 143(1):149–158, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1866. ■
- Crescenzi:1995:RSS**
- [99] Pierluigi Crescenzi and Christos H. Papadimitriou. Reversible simulation of space-bounded computations. *Theoretical Computer Science*, 143(1):159–165, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1875. ■
- Miltersen:1995:CPC**
- [100] Peter Bro Miltersen. On the cell probe complexity of polynomial evaluation. *Theoretical Computer Science*, 143(1):167–174, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1870. ■
- DePrisco:1995:MPL**
- [101] Roberto De Prisco, Giuseppe Parlati, and Giuseppe Persiano. Minimal path length of trees with known fringe. *Theoretical Computer Science*, 143(1):175–188, May 29, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=1&aid=1877. ■

- Malgouyres:1995:GGC**
- [102] Rémy Malgouyres. Graphs generalizing closed curves with linear construction of the Hamiltonian cycle. Parametrization of discretized curves. *Theoretical Computer Science*, 143(2):189–249, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1752. ■
- Matamala:1995:RCP**
- [103] Martín Matamala. Recursive construction of periodic steady state for neural networks. *Theoretical Computer Science*, 143(2):251–267, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1755. ■
- Harrison:1995:DPP**
- [104] John Harrison. Dynamical properties of PWD0L systems. *Theoretical Computer Science*, 143(2):269–284, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1750. ■
- Slutzki:1995:DTT**
- [105] Giora Slutzki and Sándor Vágvölgyi. Deterministic top-down tree transducers with iterated look-ahead. *Theoretical Computer Science*, 143(2):285–308, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1903. ■
- Chen:1995:MDS**
- [106] Zhi-Zhong Chen. The maximal f -dependent set problem for planar graphs is in NC. *Theoretical Computer Science*, 143(2):309–318, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1753. ■
- Fraenkel:1995:MNM**
- [107] Aviezri S. Fraenkel, Alan Jaffray, Anton Kotzig, and Gert Sabidussi. Modular Nim (mathematical game). *Theoretical Computer Science*, 143(2):319–333, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1894. ■
- Gubas:1995:NLB**
- [108] Xaver Gubáš, Juraj Hromkovič, and Juraj Waczulík. A nonlinear lower bound on the practical combinatorial complexity. *Theoretical Computer Science*, 143(2):335–342, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1903. ■

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| <div style="border: 1px solid black; padding: 2px; text-align: center;">Rytter:1995:CFR</div> <p>[109] Wojciech Rytter. Context-free recognition via shortest paths computation: a version of Valiant's algorithm. <i>Theoretical Computer Science</i>, 143(2):343–352, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1899.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Zhang:1995:ALC</div> <p>[110] Louxin Zhang. On the approximation of longest common nonsupersequences and shortest common nonsubsequences. <i>Theoretical Computer Science</i>, 143(2):353–362, June 12, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=143&issue=2&aid=1891.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Prodinger:1995:P</div> <p>[111] H. Prodinger and W. Szpankowski. Preface. <i>Theoretical Computer Science</i>, 144(1–2):1–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Flajolet:1995:MTAa</div> <p>[112] Philippe Flajolet, Xavier Gourdon, and Philippe Dumas. Mellin transforms and asymptotics: Harmonic sums. <i>Theoretical Computer Science</i>, 144(1–2):3–58, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1958.</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;">Bergeron:1995:CDF</div> <p>[113] François Bergeron and Ulrike Sattler. Constructible differentially finite algebraic series in several variables. <i>Theoretical Computer Science</i>, 144(1–2):59–65, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1931.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Drmota:1995:MCC</div> <p>[114] Michael Drmota and Michèle Soria. Marking in combinatorial constructions: Generating functions and limiting distributions. <i>Theoretical Computer Science</i>, 144(1–2):67–99, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1928.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Flajolet:1995:MTAb</div> <p>[115] Philippe Flajolet and Robert Sedgewick. Mellin transforms and asymptotics: Finite differences and Rice's integrals. <i>Theoretical Computer Science</i>, 144(1–2):101–124, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1915.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Gardy:1995:DAS</div> <p>[116] Danièle Gardy and Guy Louchard. Dynamic analysis of some relational databases parameters. <i>Theoretical</i></p> |
|---|---|

- Computer Science*, 144(1–2):125–159, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1939. ■
- Jacquet:1995:ABL**
- [117] Philippe Jacquet and Wojciech Szpankowski. Asymptotic behavior of the Lempel-Ziv parsing scheme and digital search trees. *Theoretical Computer Science*, 144(1–2):161–197, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1932. ■
- Kirschenhofer:1995:AOS**
- [118] Peter Kirschenhofer, Conrado Martínez, and Helmut Prodinger. Analysis of an optimized search algorithm for skip lists. *Theoretical Computer Science*, 144(1–2):199–220, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1930. ■
- Mahmoud:1995:PAB**
- [119] Hosam M. Mahmoud and Robert T. Smythe. Probabilistic analysis of bucket recursive trees. *Theoretical Computer Science*, 144(1–2):221–249, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>
- cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1942. ■
- Schachinger:1995:VCI**
- [120] Werner Schachinger. On the variance of a class of inductive valuations of data structures for digital search. *Theoretical Computer Science*, 144(1–2):251–275, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1940. ■
- Schmid:1995:RTQ**
- [121] U. Schmid. Random trees in queueing systems with deadlines. *Theoretical Computer Science*, 144(1–2):277–314, June 26, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=144&issue=1-2&aid=1916. ■
- Braga:1995:PGE**
- [122] G. Braga, G. Cattaneo, P. Flocchini, and C. Quaranta Vogliotti. Pattern growth in elementary cellular automata. *Theoretical Computer Science*, 145(1–2):1–26, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1782. ■
- Srikrishna:1995:OPA**
- [123] G. Srikrishna and C. Pandu Rangan. Optimal parallel algorithms for path

- problems on planar graphs. *Theoretical Computer Science*, 145(1–2):27–43, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1823. ■
- Breitbart:1995:SBD**
- [124] Y. Breitbart, H. Hunt, III, and D. Rosenkrantz. On the size of binary decision diagrams representing Boolean functions. *Theoretical Computer Science*, 145(1–2):45–69, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1815. ■
- Leiss:1995:ILE**
- [125] Ernst L. Leiss. Implicit language equations: existence and uniqueness of solutions. *Theoretical Computer Science*, 145(1–2):71–93, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1810. ■
- Diks:1995:AWR**
- [126] Krzysztof Diks, Evangelos Kranakis, Adam Malinowski, and Andrzej Pelc. Anonymous wireless rings. *Theoretical Computer Science*, 145(1–2):95–109, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>
- cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1812. ■
- Creignou:1995:CPL**
- [127] Nadia Creignou. The class of problems that are linearly equivalent to Satisfiability or a uniform method for proving NP-completeness. *Theoretical Computer Science*, 145(1–2):111–145, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1816. ■
- Stewart:1995:CPM**
- [128] Iain A. Stewart. Complete problems for monotone NP. *Theoretical Computer Science*, 145(1–2):147–157, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1809. ■
- Drewes:1995:GSA**
- [129] F. Drewes, A. Habel, H.-J. Kreowski, and S. Taubenberger. Generating self-affine fractals by collage grammars. *Theoretical Computer Science*, 145(1–2):159–187, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1759. ■
- Cai:1995:UMD**
- [130] Jiazhen Cai and Robert Paige. Using multiset discrimination to solve

- language processing problems without hashing. *Theoretical Computer Science*, 145(1–2):189–228, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1817. ■
- Reutenauer:1995:VFR**
- [131] Christophe Reutenauer and Marcel Paul Schützenberger. Variétés et fonctions rationnelles. (French) [Varieties and rational functions]. *Theoretical Computer Science*, 145(1–2):229–240, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1814.
- Ko:1995:PTC**
- [132] Ker-I Ko. A polynomial-time computable curve whose interior has a non-recursive measure. *Theoretical Computer Science*, 145(1–2):241–270, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1781. ■
- Biran:1995:TBR**
- [133] Ofer Biran, Shlomo Moran, and Shmuel Zaks. Tight bounds on the round complexity of distributed 1-solvable tasks. *Theoretical Computer Science*, 145(1–2):271–290, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1784. ■
- Ginsburg:1995:IQO**
- [134] Seymour Ginsburg and Katsumi Tanaka. Interval queries on object histories. *Theoretical Computer Science*, 145(1–2):291–316, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1774. ■
- Middendorf:1995:FVM**
- [135] Martin Middendorf. On finding various minimal, maximal, and consistent sequences over a binary alphabet. *Theoretical Computer Science*, 145(1–2):317–327, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1954. ■
- Jamison:1995:LTR**
- [136] B. Jamison and S. Olariu. A linear-time recognition algorithm for P_4 -reducible graphs. *Theoretical Computer Science*, 145(1–2):329–344, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1956. ■

- Zhang:1995:CRB**
- [137] Liang Zhang and Zhonghui Shen. Completion of recognizable bifix codes. *Theoretical Computer Science*, 145(1–2):345–355, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1934. ■
- Benson:1995:SEA**
- [138] Gary Benson. A space efficient algorithm for finding the best nonoverlapping alignment score. *Theoretical Computer Science*, 145(1–2):357–369, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1943. ■
- Hemaspaandra:1995:PSI**
- [139] Lane A. Hemaspaandra and Zhigen Jiang. P-selectivity: Intersections and indices. *Theoretical Computer Science*, 145(1–2):371–380, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1924. ■
- Teng:1995:ISV**
- [140] Shang-Hua Teng. Independent sets versus perfect matchings. *Theoretical Computer Science*, 145(1–2):381–390, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1917. ■
- Maler:1995:DTP**
- [141] Oded Maler. A decomposition theorem for probabilistic transition systems. *Theoretical Computer Science*, 145(1–2):391–396, July 10, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=145&issue=1-2&aid=1944. ■
- Scedrov:1995:MA**
- [142] Andre Scedrov, Dennis DeTurk, and Wolfgang Ziller. Moez Alimohamed, 1967–1994. *Theoretical Computer Science*, 146(1–2):1–3, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1941. ■
- Alimohamed:1995:CLD**
- [143] Moez Alimohamed. A characterization of lambda definability in categorical models of implicit polymorphism. *Theoretical Computer Science*, 146(1–2):5–23, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1917. ■
- Bloom:1995:SOS**
- [144] Bard Bloom. Structural operational semantics for weak bisim-

- ulations. *Theoretical Computer Science*, 146(1–2):25–68, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1779. Ariola:1995:PFO
- [145] Zena M. Ariola and Arvind XXX. Properties of a first-order functional language with sharing. *Theoretical Computer Science*, 146(1–2):69–108, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1819. Cassez:1995:CER
- [146] Franck Cassez and Olivier Roux. Compilation of the ELECTRE reactive language into finite transition systems. *Theoretical Computer Science*, 146(1–2):109–143, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1777. Kemp:1995:BEQ
- [147] David B. Kemp, Divesh Srivastava, and Peter J. Stuckey. Bottom-up evaluation and query optimization of well-founded models. *Theoretical Computer Science*, 146(1–2):145–184, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/> cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1780. Berghammer:1995:FDP
- [148] Rudolf Berghammer, Birgit Elbl, and Ulf Schmerl. Formalizing Dijkstra’s predicate transformer *wp* in weak second-order logic. *Theoretical Computer Science*, 146(1–2):185–197, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1818. Bonacina:1995:TFC
- [149] Maria Paola Bonacina and Jieh Hsiang. Towards a foundation of completion procedures as semidecision procedures. *Theoretical Computer Science*, 146(1–2):199–242, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1821. Backofen:1995:CRF
- [150] Rolf Backofen and Gert Smolka. A complete and recursive feature theory. *Theoretical Computer Science*, 146(1–2):243–268, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1822. Naughton:1995:ARF
- [151] J. F. Naughton, R. Ramakrishnan, Y. Sagiv, and J. D. Ullman. Argument

- reduction by factoring. *Theoretical Computer Science*, 146(1–2):269–310, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1820. ■
- Alessi:1995:FPT**
- [152] Fabio Alessi, Paolo Baldan, and Gianna Bellè. A fixed-point theorem in a category of compact metric spaces. *Theoretical Computer Science*, 146(1–2):311–320, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1955. ■
- Kobayashi:1995:FPM**
- [153] Yuji Kobayashi. A finitely presented monoid which has solvable word problem but has no regular complete presentation. *Theoretical Computer Science*, 146(1–2):321–329, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1898. ■
- Zhang:1995:MSF**
- [154] Guo-Qiang Zhang. On maximal stable functions. *Theoretical Computer Science*, 146(1–2):331–339, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>
- cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1794. ■
- Ingólfssdóttir:1995:LES**
- [155] Anna Ingólfssdóttir. Late and early semantics coincide for testing. *Theoretical Computer Science*, 146(1–2):341–349, July 24, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=146&issue=1-2&aid=1938. ■
- Bampis:1995:OPE**
- [156] E. Bampis, J.-C König, and D. Trystram. Optimal parallel execution of complete binary trees and grids into most popular interconnection networks. *Theoretical Computer Science*, 147(1–2):1–18, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1901. ■
- Gasieniec:1995:ZMR**
- [157] Leszek Gasieniec, Wojciech Plandowski, and Wojciech Rytter. The zooming method: a recursive approach to time-space efficient string-matching. *Theoretical Computer Science*, 147(1–2):19–30, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1883. ■

- Bodlaender:1995:PCS**
- [158] Hans L. Bodlaender, Rodney G. Downey, Michael R. Fellows, and Harold T. Wareham. The parameterized complexity of sequence alignment and consensus. *Theoretical Computer Science*, 147(1–2):31–54, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1884. ■
- Sureson:1995:NCN**
- [159] Claude Sureson. NP \neq co-NP and models of arithmetic. *Theoretical Computer Science*, 147(1–2):55–67, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1868. ■
- Jansen:1995:MBT**
- [160] Klaus Jansen and Haiko Müller. The minimum broadcast time problem for several processor networks. *Theoretical Computer Science*, 147(1–2):69–85, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1864. ■
- Nishida:1995:QDS**
- [161] Taishin Y. Nishida. Quasi-deterministic OL systems and their representation. *Theoretical Computer Science*, 147(1–2):87–116, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1884. ■
- Cheng:1995:CRS**
- [162] Allan Cheng, Javier Esparza, and Jens Palsberg. Complexity results for 1-safe nets. *Theoretical Computer Science*, 147(1–2):117–136, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1865. ■
- Zimand:1995:TSC**
- [163] Marius Zimand. On the topological size of $p\text{-}m$ -complete degrees. *Theoretical Computer Science*, 147(1–2):137–147, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1874. ■
- Schurz:1995:MGF**
- [164] Gerhard Schurz. Most general first order theorems are not recursively enumerable. *Theoretical Computer Science*, 147(1–2):149–163, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1863. ■

- Aigrain:1995:PTC**
- [165] Philippe Aigrain and Danièle Beauquier. Polyomino tilings, cellular automata and codicity. *Theoretical Computer Science*, 147(1–2):165–180, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1835.
- Amaldi:1995:CAF**
- [166] Edoardo Amaldi and Viggo Kann. The complexity and approximability of finding maximum feasible subsystems of linear relations. *Theoretical Computer Science*, 147(1–2):181–210, August 7, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1888.
- Arques:1995:FSL**
- [167] Didier Arquès and Olivier Grange. A fast scan-line algorithm for topological filling of well-nested objects in 2.5D digital pictures. *Theoretical Computer Science*, 147(1–2):211–248, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1778.
- Yu:1995:EPA**
- [168] Chang-Wu Yu and Gen-Huey Chen. Efficient parallel algorithms for doubly convex-bipartite graphs. *Theoretical Computer Science*, 147(1–2): 249–265, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1854.
- Blot:1995:ACA**
- [169] Joël Blot, Wenceslas Fernandez de la Vega, Vangelis Th Paschos, and Rachid Saad. Average case analysis of greedy algorithms for optimisation problems on set systems. *Theoretical Computer Science*, 147(1–2):267–298, August 07, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=147&issue=1-2&aid=1876.
- Diamond:1995:FCS**
- [170] P. Diamond, P. Kloeden, V. Kozyakin, and A. Pokrovskii. On the fragmentary complexity of symbolic sequences. *Theoretical Computer Science*, 148(1):1–17, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1895.
- Durand:1995:RNC**
- [171] Bruno Durand. A Random NP-complete problem for inversion of 2D cellular automata. *Theoretical Computer Science*, 148(1):19–32, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1873](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1873) ■
Cai:1995:IRM
- [172] Liming Cai and Jianer Chen. On input read-modes of alternating Turing machines. *Theoretical Computer Science*, 148(1):33–55, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1887 ■
Shoudai:1995:UMI
- [173] Takayoshi Shoudai and Satoru Miyano. Using maximal independent sets to solve problems in parallel. *Theoretical Computer Science*, 148(1):57–65, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1855 ■
Kumar:1995:ESI
- [174] Ratnesh Kumar and Vijay K. Garg. Extremal solutions of inequations over lattices with applications to supervisory control. *Theoretical Computer Science*, 148(1):67–92, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1890 ■
Bodlaender:1995:RGP
- [175] Hans L. Bodlaender and Klaus Jansen. Restrictions of graph partition problems. Part I. *Theoretical Computer Science*, 148(1):93–109, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=2016 ■
Althofer:1995:SPL
- [176] Ingo Althöfer and Jörg Bültermann. Superlinear period lengths in some subtraction games. *Theoretical Computer Science*, 148(1):111–119, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1960 ■
Arnold:1995:ISC
- [177] André Arnold. An initial semantics for the μ -calculus on trees and Rabin’s complementation theorem. *Theoretical Computer Science*, 148(1):121–132, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=2007 ■
Dubhashi:1995:FML
- [178] Devdatt P. Dubhashi, Grammati E. Pantziou, Paul G. Spirakis, and Christos D. Zaroliagis. The fourth moment in Luby’s distribution. *Theoretical Computer Science*, 148(1):133–140, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse..

- cgi?year=1995&volume=148&issue=1&aid=2015.
- Kimber:1995:LLS**
- [179] Don Kimber and Philip M. Long. Online learning of smooth functions of a single variable. *Theoretical Computer Science*, 148(1):141–156, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1962.
- Morita:1995:RSO**
- [180] Kenichi Morita. Reversible simulation of one-dimensional irreversible cellular automata. *Theoretical Computer Science*, 148(1):157–163, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1979.
- Zwick:1995:SNW**
- [181] Uri Zwick. The smallest networks on which the Ford-Fulkerson maximum flow procedure may fail to terminate. *Theoretical Computer Science*, 148(1):165–170, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1963.
- Pinotti:1995:PAP**
- [182] Maria Cristina Pinotti and Geppino Pucci. Parallel algorithms for priority queue operations. *Theoretical Computer Science*, 148(1):171–180, August 21, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=1&aid=1980.
- Enjalbert:1995:P**
- [183] P. Enjalbert, E. W. Mayr, and K. W. Wagner. Preface. *Theoretical Computer Science*, 148(2):181–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Alvarez:1995:ADP**
- [184] Carme Àlvarez and Birgit Jenner. On adaptive DLOGTIME and POLYLOGTIME reductions. *Theoretical Computer Science*, 148(2):183–205, September 04, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=2&aid=1974.
- Borchert:1995:APR**
- [185] Bernd Borchert. On the acceptance power of regular languages. *Theoretical Computer Science*, 148(2):207–225, September 04, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=2&aid=1973.
- Bruyere:1995:SDP**
- [186] Véronique Bruyère, Clelia De Felice, and Giovanna Guaiana. On some decision problems for trace codings. *Theoretical Computer Science*,

- ence*, 148(2):227–260, September 04, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=2&aid=1977. Etessami:1995:RPL
- [187] Kousha Etessami and Neil Immerman. Reachability and the power of local ordering. *Theoretical Computer Science*, 148(2):261–279, September 04, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=2&aid=1975. Jancar:1995:UBP
- [188] Petr Jančar. Undecidability of bisimilarity for Petri nets and some related problems. *Theoretical Computer Science*, 148(2):281–301, September 04, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=2&aid=1978. Laroussinie:1995:HTL
- [189] F. Laroussinie and Ph. Schnoebelen. A hierarchy of temporal logics with past. *Theoretical Computer Science*, 148(2):303–324, September 04, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=2&aid=1976. Naik:1995:QTC
- [190] Ashish V. Naik, Kenneth W. Regan, and D. Sivakumar. On quasilinear-time complexity theory. *Theoretical Computer Science*, 148(2):325–349, September 04, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=148&issue=2&aid=1972. Hull:1995:F
- [191] R. Hull. Foreword. *Theoretical Computer Science*, 149(1):1–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). Buneman:1995:PPC
- [192] Peter Buneman, Shamim Naqvi, Val Tannen, and Limsoon Wong. Principles of programming with complex objects and collection types. *Theoretical Computer Science*, 149(1):3–48, September 18, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=1&aid=1965. VandenBussche:1995:EPC
- [193] Jan Van den Bussche and Dirk Van Gucht. The expressive power of cardinality-bounded set values in object-based data models. *Theoretical Computer Science*, 149(1):49–66, September 18, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse..

- cgi?year=1995&volume=149&issue=1&aid=1966.
- Grumbach:1995:EPC**
- [194] Stéphane Grumbach and Christophe Tollu. On the expressive power of counting. *Theoretical Computer Science*, 149(1):67–99, September 18, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=1&aid=1967.
- Abiteboul:1995:CIL**
- [195] Serge Abiteboul, Moshe Y. Vardi, and Victor Vianu. Computing with infinitary logic. *Theoretical Computer Science*, 149(1):101–128, September 18, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=1&aid=1968.
- Kivinen:1995:AIF**
- [196] Jyrki Kivinen and Heikki Mannila. Approximate inference of functional dependencies from relations. *Theoretical Computer Science*, 149(1):129–149, September 18, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=1&aid=1969.
- Fekete:1995:HAN**
- [197] Alan Fekete, Nancy Lynch, and William E. Weihl. Hybrid atomicity for nested transactions. *Theoretical Computer Science*, 149(1):151–178, September 18, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=1&aid=1970.
- Wong:1995:CSS**
- [198] Man Hon Wong and Divyakant Agrawal. Context-specific synchronization for atomic data types in object-based databases. *Theoretical Computer Science*, 149(1):179–199, September 18, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=1&aid=1971.
- Brogi:1995:FAC**
- [199] Antonio Brogi and Franco Turini. Fully abstract compositional semantics for an algebra of logic programs. *Theoretical Computer Science*, 149(2):201–229, October 02, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=2&aid=1952.
- Costantini:1995:CSM**
- [200] Stefania Costantini. Contributions to the stable model semantics of logic programs with negation. *Theoretical Computer Science*, 149(2):231–255, October 02, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1995&volume=149&issue=2&aid=1893](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=2&aid=1893)
- Abraham:1995:ICI**
- [201] Uri Abraham. On interprocess communication and the implementation of multi-writer atomic registers. *Theoretical Computer Science*, 149(2):257–298, October 02, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=2&aid=1953
- Montanari:1995:LEP**
- [202] Ugo Montanari and Daniel Yankelevich. Location equivalence in a parametric setting. *Theoretical Computer Science*, 149(2):299–332, October 02, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=2&aid=1853
- Desharnais:1995:EDS**
- [203] Jules Desharnais, Nadir Belkhiter, Salah Ben Mohamed Sghaier, Fairouz Tchier, Ali Jaoua, Ali Mili, and Nejib Zaguia. Embedding a demonic semilattice in a relation algebra. *Theoretical Computer Science*, 149(2):333–360, October 02, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=2&aid=1905
- Schmidt-Schauss:1995:MTC**
- [204] Manfred Schmidt-Schauß, Massimo Marchiori, and Sven Eric Panitz. Modular termination of r -consistent and left-linear term rewriting systems. *Theoretical Computer Science*, 149(2):361–374, October 02, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=149&issue=2&aid=2021
- Ausiello:1995:ASN**
- [205] G. Ausiello, P. Crescenzi, and M. Protasi. Approximate solution of NP optimization problems. *Theoretical Computer Science*, 150(1):1–55, October 16, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=150&issue=1&aid=1925
- Adámek:1995:GFP**
- [206] Jiří Adámek and Václav Koubek. On the greatest fixed point of a set functor. *Theoretical Computer Science*, 150(1):57–75, October 16, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=150&issue=1&aid=1951
- Droste:1995:RLC**
- [207] Manfred Droste. Recognizable languages in concurrency monoids. *Theoretical Computer Science*, 150(1):77–109, October 16, 1995. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=150&issue=1&aid=1900.
- Naumann:1995:PTH**
- [208] David A. Naumann. Predicate transformers and higher-order programs. *Theoretical Computer Science*, 150(1):111–159, October 16, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=150&issue=1&aid=1881.
- Gardiner:1995:APC**
- [209] P. H. B. Gardiner. Algebraic proofs of consistency and completeness. *Theoretical Computer Science*, 150(1):161–191, October 16, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=150&issue=1&aid=1845.
- Hazewinkel:1995:ESI**
- [210] M. Hazewinkel. Editorial to the Subject Index Volumes 101–150. *Theoretical Computer Science*, 150(2):195–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Anonymous:1995:SIV**
- [211] Anonymous. Subject Index Volumes 101–150. *Theoretical Computer Science*, 150(2):197–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Anonymous:1995:RLI**
- [212] Anonymous. Reference List of Indexed Articles. *Theoretical Computer Science*, 150(2):315–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Anonymous:1995:CIV**
- [213] Anonymous. Cumulative Index Volumes 101–150. *Theoretical Computer Science*, 150(2):339–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Anonymous:1995:WTC**
- [214] Anonymous. Workshop on Topology and Completion in Semantics. *Theoretical Computer Science*, 151(1):??, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Gastin:1995:P**
- [215] P. Gastin and J. J. M. M. Rutten. Preface. *Theoretical Computer Science*, 151(1):1–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Ambler:1995:DCM**
- [216] Simon Ambler, Marta Kwiatkowska, and Nicholas Measor. Duality and the completeness of the modal μ -calculus. *Theoretical Computer Science*, 151(1):3–27, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1986.

- Arnold:1995:TPR**
- [217] André Arnold. A topological property of rational ω -languages. *Theoretical Computer Science*, 151(1):29–36, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1990. ■
- deBoer:1995:NIC**
- [218] Frank S. de Boer, Alessandra Di Pierro, and Catuscia Palamidessi. Nondeterminism and infinite computations in constraint programming. *Theoretical Computer Science*, 151(1):37–78, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1988. ■
- Bonsangue:1995:DBS**
- [219] Marcello M. Bonsangue, Bart Jacobs, and Joost N. Kok. Duality beyond sober spaces: Topological spaces and observation frames. *Theoretical Computer Science*, 151(1):79–124, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1989. ■
- Courcelle:1995:MSO**
- [220] Bruno Courcelle. The monadic second-order logic of graphs IX: Machines and their behaviours. *Theoretical Computer Science*, 151(1):125–162, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1990. ■
- Edalat:1995:DTI**
- [221] Abbas Edalat. Domain theory and integration. *Theoretical Computer Science*, 151(1):163–193, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1991. ■
- Matthews:1995:ETL**
- [222] S. G. Matthews. An extensional treatment of lazy data flow deadlock. *Theoretical Computer Science*, 151(1):195–205, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1992. ■
- Mislove:1995:FAR**
- [223] Michael W. Mislove and Frank J. Oles. Full abstraction and recursion. *Theoretical Computer Science*, 151(1):207–256, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1993. ■

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|---|--|
| <div style="border: 1px solid black; padding: 2px; text-align: center;">Smyth:1995:SMC</div> <p>[224] M. B. Smyth. Semi-metrics, closure spaces and digital topology. <i>Theoretical Computer Science</i>, 151(1):257–276, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1994.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Sunderhauf:1995:FCM</div> <p>[225] Philipp Sünderhauf. A faithful computational model of the real numbers. <i>Theoretical Computer Science</i>, 151(1):277–294, November 13, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=1&aid=1995.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Shyamasundar:1995:F</div> <p>[226] R. K. Shyamasundar. Foreword. <i>Theoretical Computer Science</i>, 151(2):295–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Castagna:1995:MLT</div> <p>[227] Giuseppe Castagna. A meta-language for typed object-oriented languages. <i>Theoretical Computer Science</i>, 151(2):297–352, November 27, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=2&aid=2009.</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;">Ait-Kaci:1995:LSC</div> <p>[228] Hassan Aït-Kaci and Jacques Garigue. Label-selective λ-calculus syntax and confluence. <i>Theoretical Computer Science</i>, 151(2):353–383, November 27, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=2&aid=2010.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">vanBakel:1995:ITA</div> <p>[229] Steffen van Bakel. Intersection type assignment systems. <i>Theoretical Computer Science</i>, 151(2):385–435, November 27, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=2&aid=2011.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Honda:1995:RBP</div> <p>[230] Kohei Honda and Nobuko Yoshida. On reduction-based process semantics. <i>Theoretical Computer Science</i>, 151(2):437–486, November 27, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=2&aid=2012.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Rao:1995:MPC</div> <p>[231] M. R. K. Krishna Rao. Modular proofs for completeness of hierarchical term rewriting systems. <i>Theoretical Computer Science</i>, 151(2):487–512, November 27, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=2&aid=2013.</p> |
|---|--|

- com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=151&issue=2&aid=2013■
Fredholm:1995:IAF
- [232] Daniel Fredholm. Intensional aspects of function definitions. *Theoretical Computer Science*, 152(1):1–66, December 11, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=1&aid=1902■
Hodges:1995:MSD
- [233] Wilfrid Hodges. The meaning of specifications I: Domains and initial models. *Theoretical Computer Science*, 152(1):67–89, December 11, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=1&aid=1879■
Astesiano:1995:FOE
- [234] Egidio Astesiano and Maura Cerioli. Free objects and equational deduction for partial conditional specifications. *Theoretical Computer Science*, 152(1):91–138, December 11, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=1&aid=1880■
Kurihara:1995:MNT
- [235] Masahito Kurihara and Azuma Ohuchi. Modularity in noncopying term rewriting. *Theoretical Computer Science*, 152(1):139–169, December 11, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=1&aid=1882■
Benveniste:1995:CSS
- [236] Albert Benveniste, Bernard C. Levy, Eric Fabre, and Paul Le Guernic. A calculus of stochastic systems for the specification, simulation, and hidden state estimation of mixed stochastic/non-stochastic systems. *Theoretical Computer Science*, 152(2):171–217, December 25, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=2&aid=1929■
Seidel:1995:PCP
- [237] Karen Seidel. Probabilistic communicating processes. *Theoretical Computer Science*, 152(2):219–249, December 25, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=2&aid=1920■
Aceto:1995:CAT
- [238] Luca Aceto and Alan Jeffrey. A complete axiomatization of timed bisimulation for a class of timed regular behaviours. *Theoretical Computer Science*, 152(2):251–268, December 25, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1995&volume=152&issue=2&aid=1919](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=2&aid=1919)
- Verma:1995:TCR**
- [239] Rakesh M. Verma. Transformations and confluence for rewrite systems. *Theoretical Computer Science*, 152(2):269–283, December 25, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=2&aid=1889
- Inverardi:1995:INF**
- [240] Paola Inverardi and Monica Nesi. Infinite normal forms for non-linear term rewriting systems. *Theoretical Computer Science*, 152(2):285–303, December 25, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=2&aid=1878
- Banach:1995:LCD**
- [241] R. Banach. Locating the contractum in the double pushout approach. *Theoretical Computer Science*, 152(2):305–320, December 25, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1995&volume=152&issue=2&aid=1935
- Mislove:1995:EEN**
- [242] M. Mislove, M. Nivat, and C. Padamitznou. Editorial on the Electronic Notes in Theoretical Computer Science. *Theoretical Computer Science*, 152(2):321–??, 1995. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Rozenberg:1996:P**
- [243] G. Rozenberg. Preface. *Theoretical Computer Science*, 153(1–2):1–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Petri:1996:NTS**
- [244] C. A. Petri. Nets, time and space. *Theoretical Computer Science*, 153(1–2):3–48, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2057
- Desel:1996:PNM**
- [245] J. Desel, K.-P. Neuendorf, and M.-D. Radola. Proving nonreachability by modulo-invariants. *Theoretical Computer Science*, 153(1–2):49–64, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2058
- Engelfriet:1996:MSP**
- [246] Joost Engelfriet. A multiset semantics for the pi-calculus with replication. *Theoretical Computer Science*, 153(1–2):65–94, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2059

- Esparza:1996:TME**
- [247] Javier Esparza and Glenn Bruns. Trapping mutual exclusion in the box calculus. *Theoretical Computer Science*, 153(1–2):95–128, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2060.■
- Hoogers:1996:ESS**
- [248] P. W. Hoogers, H. C. M. Kleijn, and P. S. Thiagarajan. An event structure semantics for general Petri nets. *Theoretical Computer Science*, 153(1–2):129–170, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2061.■
- Meseguer:1996:PVU**
- [249] José Meseguer, Ugo Montanari, and Vladimiro Sassone. Process versus unfolding semantics for Place/Transition Petri nets. *Theoretical Computer Science*, 153(1–2):171–210, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2062.■
- Nielsen:1996:PNB**
- [250] Mogens Nielsen and Glynn Winskel. Petri nets and bisimulation. *Theoretical Computer Science*, 153(1–2):211–244, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2063.■
- Smith:1996:BCC**
- [251] Einar Smith. On the border of causality: Contact and confusion. *Theoretical Computer Science*, 153(1–2):245–270, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2064.■
- Teruel:1996:STE**
- [252] Enrique Teruel and Manuel Silva. Structure theory of equal conflict systems. *Theoretical Computer Science*, 153(1–2):271–300, January 08, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=153&issue=1-2&aid=2065.■
- Lingas:1996:P**
- [253] A. Lingas. Preface. *Theoretical Computer Science*, 154(1):1–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Czumaj:1996:GPN**
- [254] Artur Czumaj and Alan Gibbons. Guthrie’s problem: new equivalences and rapid reductions. *Theoretical Computer Science*, 154(1):3–22, January 22, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=1&aid=2067. ■
- Karpinski:1996:RVD**
- [255] Marek Karpinski and Rutger Verbeek. On randomized versus deterministic computation. *Theoretical Computer Science*, 154(1):23–39, January 22, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=1&aid=2068. ■
- Jaromczyk:1996:TEF**
- [256] Jerzy W. Jaromczyk and Grzegorz Świątek. A theory of even functionals and their algorithmic applications. *Theoretical Computer Science*, 154(1):41–56, January 22, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=1&aid=2069. ■
- Cohen:1996:PFS**
- [257] David M. Cohen and Michael L. Fredman. Products of finite state machines with full coverage. *Theoretical Computer Science*, 154(1):57–65, January 22, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=1&aid=2070. ■
- Ebinger:1996:LDI**
- [258] Werner Ebinger and Anca Muscholl. Logical definability on infinite traces. *Theoretical Computer Science*, 154(1):67–84, January 22, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=1&aid=2071. ■
- Wilke:1996:ACF**
- [259] Thomas Wilke. An algebraic characterization of frontier testable tree languages. *Theoretical Computer Science*, 154(1):85–106, January 22, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=1&aid=2072. ■
- Jategaonkar:1996:DTC**
- [260] Lalita Jategaonkar and Albert R. Meyer. Deciding true concurrency equivalences on safe, finite nets. *Theoretical Computer Science*, 154(1):107–143, January 22, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=1&aid=2073. ■
- Sureson:1996:PNC**
- [261] Claude Sureson. P, NP, Co-NP and weak systems of arithmetic. *Theoretical Computer Science*, 154(2):145–163, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2074. ■

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2040. ■
- Fiorio:1996:TLT**
- [262] Christophe Fiorio and Jens Gustedt. Two linear time Union Find strategies for image processing. *Theoretical Computer Science*, 154(2):165–181, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=1896. ■
- Mitrana:1996:PS**
- [263] Victor Mitrana, Gheorghe Păun, Grzegorz Rozenberg, and Arto Salomaa. Pattern systems. *Theoretical Computer Science*, 154(2):183–201, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=1892. ■
- Idury:1996:MMP**
- [264] Ramana M. Idury and Alejandro A. Schäffer. Multiple matching of parameterized patterns. *Theoretical Computer Science*, 154(2):203–224, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=1904. ■
- JaJa:1996:SSC**
- [265] Joseph F. JáJá, Kwan Woo Ryu, and Uzi Vishkin. Sorting strings and constructing digital search trees in parallel. *Theoretical Computer Science*, 154(2):225–245, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=1897. ■
- Engelfriet:1996:CCU**
- [266] J. Engelfriet, T. Harju, A. Proskurowski, and G. Rozenberg. Characterization and complexity of uniformly non-primitive labeled 2-structures. *Theoretical Computer Science*, 154(2):247–282, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=1906. ■
- Blundo:1996:IRS**
- [267] Carlo Blundo, Alfredo De Santis, Luisa Gargano, and Ugo Vaccaro. On the information rate of secret sharing schemes. *Theoretical Computer Science*, 154(2):283–306, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2003. ■
- Calude:1996:ECM**
- [268] Cristian Calude and Marius Zimand. Effective category and mea-

- sure in abstract complexity theory. *Theoretical Computer Science*, 154(2):307–327, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2004. ■
- LafayedeMicheaux:1996:CGT**
- [269] N. Lafaye de Micheaux and C. Rambaud. Confluence for graph transformations. *Theoretical Computer Science*, 154(2):329–348, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=1947. ■
- Barua:1996:GGT**
- [270] Rana Barua and S. Ramakrishnan. σ -game, σ^+ -game and two-dimensional additive cellular automata. *Theoretical Computer Science*, 154(2):349–366, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2032. ■
- Hemaspaandra:1996:OA**
- [271] Lane A. Hemaspaandra and Leen Torenvliet. Optimal advice. *Theoretical Computer Science*, 154(2):367–377, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2032. ■
- Sangiori:1996:LIS**
- [272] S. Ramesh and Bommaidvara N. Srinivas. A direct characterization of completion. *Theoretical Computer Science*, 154(2):379–385, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2029. ■
- Ramesh:1996:DCC**
- [273] J. Justin and G. Pirillo. On a combinatorial property of Sturmian words. *Theoretical Computer Science*, 154(2):387–394, February 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=154&issue=2&aid=2018. ■
- Justin:1996:CPS**
- [274] Stephen L. Bloom and Zoltán Ésik. Fixed point operations on CCC's. Part I. *Theoretical Computer Science*, 155(1):1–38, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=1950. ■
- Bloom:1996:FPO**
- [275] Davide Sangiorgi. Locality and interleaving semantics in calculi for mobile processes. *Theoretical Computer Science*, 155(1):39–83, February 26,
- Sangiorgi:1996:LIS**

- [275] 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=1961. ■
- Kamareddine:1996:UN**
- [276] Fairouz Kamareddine and Rob Nederpelt. A useful λ -notation. *Theoretical Computer Science*, 155(1):85–109, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=2042.
- Immerman:1996:EFF**
- [277] Neil Immerman, Sushant Patnaik, and David Stemple. The expressiveness of a family of finite set languages. *Theoretical Computer Science*, 155(1):111–140, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=1921. ■
- Fourneau:1996:NMC**
- [278] Jean-Michel Fourneau, Erol Gelenbe, and Rina Suros. G -networks with multiple classes of negative and positive customers. *Theoretical Computer Science*, 155(1):141–156, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=1959. ■
- Kagan:1996:CMM**
- [279] Vadim Kagan, Anil Nerode, and V. S. Subrahmanian. Computing minimal models by partial instantiation. *Theoretical Computer Science*, 155(1):157–177, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=1850. ■
- Nielson:1996:CPA**
- [280] Flemming Nielson and Hanne Riis Nielson. From CML to its process algebra. *Theoretical Computer Science*, 155(1):179–219, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=1957. ■
- Zhang:1996:QPA**
- [281] Guo-Qiang Zhang. Quasi-prime algebraic domains. *Theoretical Computer Science*, 155(1):221–264, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=2074. ■
- Bunder:1996:TTN**
- [282] M. W. Bunder and J. R. Hindley. Two $\beta = \lambda$ -terms with no types in common. *Theoretical Computer Science*, 155(1):265–266, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=2075. ■
- Bunder:1996:TTN**

- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=2088.
- Drakengren:1996:USR**
- [283] Thomas Drakengren. Uniqueness of Scott's reflexive domain in $P\omega$. *Theoretical Computer Science*, 155(1):267–276, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=2043.
- Zhang:1996:NMS**
- [284] Wenhui Zhang. Number of models and satisfiability of sets of clauses. *Theoretical Computer Science*, 155(1):277–288, February 26, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=1&aid=2085.
- Kuoherov:1996:VA**
- [285] G. Kuoherov, P. Lescanne, and P. Mosses. Valentin Antimirov (1961–1995). *Theoretical Computer Science*, 155(2):239–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Kucherov:1996:VA**
- [286] Gregory Kucherov, Pierre Lescanne, and Peter Mosses. Valentin Antimirov (1961–1995). *Theoretical Computer Science*, 155(2):289–290, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=2086.
- Antimirov:1996:PDR**
- [287] Valentin Antimirov. Partial derivatives of regular expressions and finite automaton constructions. *Theoretical Computer Science*, 155(2):291–319, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=2123.
- Barcucci:1996:RCP**
- [288] Elena Barcucci, Alberto Del Lungo, Maurice Nivat, and Renzo Pinzani. Reconstructing convex polyominoes from horizontal and vertical projections. *Theoretical Computer Science*, 155(2):321–347, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=1927.
- Keller:1996:FRP**
- [289] Jörg Keller. Fast rehashing in PRAM emulations. *Theoretical Computer Science*, 155(2):349–363, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=1926.

- Lange:1996:MDM**
- [290] Steffen Lange, Thomas Zeugmann, and Shyam Kapur. Monotonic and dual monotonic language learning. *Theoretical Computer Science*, 155(2):365–410, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=1918. ■
- Iwama:1996:TLB**
- [291] Kazuo Iwama, Chuzo Iwamoto, and Manzur Morshed. Time lower bounds do not exist for CRCW PRAMs. *Theoretical Computer Science*, 155(2):411–424, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=1933. ■
- Ehrenfeucht:1996:NBG**
- [292] Andrzej Ehrenfeucht, Paulien ten Pas, and Grzegorz Rozenberg. A note on binary grammatical codes of trees. *Theoretical Computer Science*, 155(2):425–438, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=2034. ■
- Berstel:1996:LLB**
- [293] Jean Berstel and Jean-Eric Pin. Local languages and the Berry–Sethi algorithm. *Theoretical Computer Science*, 155(2):439–446, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=2045. ■
- Hemaspaandra:1996:RCS**
- [294] Lane A. Hemaspaandra, Albrecht Hoene, and Mitsunori Ogihara. Reducibility classes of P -selective sets. *Theoretical Computer Science*, 155(2):447–457, March 11, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=155&issue=2&aid=2035. ■ See erratum [1424].
- Nehlig:1996:AQA**
- [295] Philippe Nehlig. Applications quasi affines: pavages par images réciproques. (French) [Quasi-affine applications: tilings for reciprocal images]. *Theoretical Computer Science*, 156(1–2):1–38, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=1981. ■
- Kemp:1996:BST**
- [296] Rainer Kemp. Binary search trees constructed from nondistinct keys with/without specified probabilities. *Theoretical Computer Science*, 156(1–2):39–70, March 25, 1996. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=1936. ■
- Gyenizse:1996:CDB**
- [297] Pál Gyenizse and Sándor Vágvölgyi. Compositions of deterministic bottom-up, top-down, and regular look-ahead tree transformations. *Theoretical Computer Science*, 156(1–2):71–97, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=1937. ■
- Krause:1996:GAY**
- [298] Matthias Krause. Geometric arguments yield better bounds for threshold circuits and distributed computing. *Theoretical Computer Science*, 156(1–2):99–117, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=1945. ■
- Bedon:1996:FAO**
- [299] Nicolas Bedon. Finite automata and ordinals. *Theoretical Computer Science*, 156(1–2):119–144, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=1946. ■
- Louscou-Bozapalidou:1996:SCT**
- [300] Olympia Louscou-Bozapalidou. Stochastically costed tree automata: Turakainen's theorem. *Theoretical Computer Science*, 156(1–2):145–158, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=1949. ■
- Francon:1996:TPA**
- [301] Jean Françon. Sur la topologie d'un plan arithmétique. (French) [On the topology of an arithmetic plan]. *Theoretical Computer Science*, 156(1–2):159–176, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=1997. ■
- Schwartzbach:1996:SCH**
- [302] Michael I. Schwartzbach. Static correctness of hierarchical procedures. *Theoretical Computer Science*, 156(1–2):177–201, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2027. ■
- Forti:1996:GCH**
- [303] Marco Forti and Furio Honsell. A general construction of hyperuniverses. *Theoretical Computer Science*, 156(1–2):203–215, March 25,

1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2028. ■
- Takahashi:1996:UCN**
- [304] Yoshikane Takahashi. A unified constructive network model for problem-solving. *Theoretical Computer Science*, 156(1–2):217–261, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2075. ■
- Kim:1996:NVD**
- [305] Yonghoan Kim. New values in Domineering. *Theoretical Computer Science*, 156(1–2):263–280, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2091. ■
- Terrier:1996:LRR**
- [306] Véronique Terrier. Language not recognizable in real time by one-way cellular automata. *Theoretical Computer Science*, 156(1–2):281–287, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2052. ■
- Arnold:1996:ACO**
- [307] André Arnold and Ilaria Castellani. An algebraic characterization of observational equivalence. *Theoretical Computer Science*, 156(1–2):289–299, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2082. ■
- Manzini:1996:OSL**
- [308] Giovanni Manzini. On the ordering of sparse linear systems. *Theoretical Computer Science*, 156(1–2):301–313, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2092. ■
- DePrisco:1996:NLB**
- [309] Roberto De Prisco and Alfredo De Santis. New lower bounds on the cost of binary search trees. *Theoretical Computer Science*, 156(1–2):315–325, March 25, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=156&issue=1-2&aid=2094. ■
- Anonymous:1996:WAC**
- [310] Anonymous. Workshop on Algorithmic Complexity of Algebraic and Geometric Models. *Theoretical Computer Science*, 157(1):??, April 09, 1996.

- CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Bronstein:1996:IPL**
- [311] Manuel Bronstein and Marko Petkovšek. An introduction to pseudo-linear algebra. *Theoretical Computer Science*, 157(1):3–33, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2114.
- Devillers:1996:IRC**
- [312] Olivier Devillers. An introduction to randomization in computational geometry. *Theoretical Computer Science*, 157(1):35–52, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2115.
- Elihai:1996:FHO**
- [313] Y. Elihai and Y. Yomdin. Flexible high-order discretization of geometric data for global motion planning. *Theoretical Computer Science*, 157(1):53–77, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2116.
- Grorov:1996:NSS**
- [314] D. Grorov. NC solving of a system of linear ordinary differential equations in several unknowns. *Theoretical Computer Science*, 157(1):79–90, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2117.
- Grorov:1996:CAC**
- [315] Dima Grorov and Marek Karpinski. Computability of the additive complexity of algebraic circuits with root extracting. *Theoretical Computer Science*, 157(1):91–99, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2118.
- Laumond:1996:NSC**
- [316] Jean-Paul Laumond and Jean-Jacques Risler. Nonholonomic systems: Controllability and complexity. *Theoretical Computer Science*, 157(1):101–114, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2119.
- Ollagnier:1996:AMD**
- [317] Jean Moulin Ollagnier. Algorithms and methods in differential algebra. *Theoretical Computer Science*, 157(1):115–127, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2120](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2120)
- Risler:1996:BDN**
- [318] Jean-Jacques Risler. A bound for the degree of nonholonomy in the plane. *Theoretical Computer Science*, 157(1):129–136, April 09, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=1&aid=2121
- Ablayev:1996:LBO**
- [319] Farid Ablayev. Lower bounds for one-way probabilistic communication complexity and their application to space complexity. *Theoretical Computer Science*, 157(2):139–159, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2098
- Burago:1996:CPO**
- [320] Dima Burago, Michel de Rougemont, and Anatol Slissenko. On the complexity of partially observed Markov decision processes. *Theoretical Computer Science*, 157(2):161–183, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2099
- Grigoriev:1996:CLB**
- [321] D. Grigoriev and N. Vorobjov. Complexity lower bounds for computation trees with elementary transcendental function gates. *Theoretical Computer Science*, 157(2):185–214, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2100
- Karzanov:1996:HTS**
- [322] Alexander V. Karzanov. How to tidy up a symmetric set-system by use of uncrossing operations. *Theoretical Computer Science*, 157(2):215–225, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2101
- Muchnik:1996:GMC**
- [323] Andrei A. Muchnik and Nikolai K. Vereshchagin. A general method to construct oracles realizing given relationships between complexity classes. *Theoretical Computer Science*, 157(2):227–258, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2102
- Karpinski:1996:SAP**
- [324] Marek Karpinski and Igor Shparlinski. On some approximation problems concerning sparse polynomials over finite fields. *Theoretical Computer Science*, 157(2):259–266, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2103. ■
- Levin:1996:CCF**
- [325] Leonid A. Levin. Computational complexity of functions. *Theoretical Computer Science*, 157(2):267–271, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2104. ■
- Shparlinski:1996:FPR**
- [326] Igor Shparlinski. On finding primitive roots in finite fields. *Theoretical Computer Science*, 157(2):273–275, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2105. ■
- Verbitsky:1996:TPR**
- [327] Oleg Verbitsky. Towards the parallel repetition conjecture. *Theoretical Computer Science*, 157(2):277–282, May 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=157&issue=2&aid=2106. ■
- Gabarro:1996:DPD**
- [328] Joaquim Gabarró, Conrado Martínez, and Xavier Messegue. A design of a parallel dictionary using skip lists. *Theoretical Computer Science*, 158(1–2):1–33, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=1922. ■
- Koskas:1996:APW**
- [329] Michel Koskas. About the p -paperfolding words. *Theoretical Computer Science*, 158(1–2):35–51, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=1948. ■
- Ferreira:1996:RRG**
- [330] Afonso Ferreira and Miltos Grammatikakis. Randomized routing on generalized hypercubes. *Theoretical Computer Science*, 158(1–2):53–64, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=1982. ■
- Fabre:1996:DSN**
- [331] Stéphane Fabre. Dépendance de systèmes de numération associés à des puissances d'un nombre de Pisot. (French) [Dependence of number systems associated with the influences of a Pisot number]. *Theoretical Computer Science*, 158(1–2):65–79, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=1983. ■

Jonoska:1996:SSS

- [332] Nataša Jonoska. Sofic shifts with synchronizing presentations. *Theoretical Computer Science*, 158(1–2):81–115, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2005.■

Demange:1996:AMF

- [333] Marc Demange and Vangelis Th Paschos. On an approximation measure founded on the links between optimization and polynomial approximation theory. *Theoretical Computer Science*, 158(1–2):117–141, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=1998.■

Hirshfeld:1996:PAD

- [334] Yoram Hirshfeld, Mark Jerrum, and Faron Moller. A polynomial algorithm for deciding bisimilarity of normed context-free processes. *Theoretical Computer Science*, 158(1–2):143–159, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2002.■

Nishida:1996:SL

- [335] Taishin Y. Nishida and Arto Salomaa. Slender 0L languages. *Theoretical Computer Science*, 158(1–2):161–176, May 20, 1996. CODEN TCSCDI. ISSN

0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2005.■

Breslauer:1996:SCC

- [336] Dany Breslauer. Saving comparisons in the Crochemore-Perrin string matching algorithm. *Theoretical Computer Science*, 158(1–2):177–192, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2006.■

Agrawal:1996:GSL

- [337] M. Agrawal and V. Arvind. Geometric sets of low information content. *Theoretical Computer Science*, 158(1–2):193–219, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2014.■

Mocas:1996:SCE

- [338] Sarah E. Mocas. Separating classes in the exponential-time hierarchy from classes in PH. *Theoretical Computer Science*, 158(1–2):221–231, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2019.■

- Ramalingam:1996:CCD**
- [339] G. Ramalingam and Thomas Reps. On the computational complexity of dynamic graph problems. *Theoretical Computer Science*, 158(1–2):233–277, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2020.■
- Takahashi:1996:SOP**
- [340] Yoshikane Takahashi. Solving optimization problems with variable-constraint by an extended Cohen-Grossberg model. *Theoretical Computer Science*, 158(1–2):279–341, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2026.■
- Zwick:1996:CMP**
- [341] Uri Zwick and Mike S. Paterson. The complexity of mean payoff games on graphs. *Theoretical Computer Science*, 158(1–2):343–359, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2129.■
- Agrawal:1996:QLT**
- [342] M. Agrawal and V. Arvind. Quasi-linear truth-table reductions to p -selective sets. *Theoretical Computer Science*, 158(1–2):361–370, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2108.■
- Burckel:1996:CIC**
- [343] Serge Burckel. Closed iterative calculus. *Theoretical Computer Science*, 158(1–2):371–378, May 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=158&issue=1-2&aid=2112.■
- Anonymous:1996:CEBa**
- [344] Anonymous. Contents EATCS Bulletin Number 58. *Theoretical Computer Science*, 158(1–2):379–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Gouyou-Beauchamps:1996:PSI**
- [345] D. Gouyou-Beauchamps and J.-G. Penaud. Preface to the Special Issue on GASCOM '94. *Theoretical Computer Science*, 159(1):3–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Wilf:1996:RDP**
- [346] Herbert S. Wilf. Recents développements et problèmes dans le domaine de la génération aléatoire. (French) [recent developments and problems in the area of random generation]. *Theoretical Computer Science*, 159(1):5–13, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2146.■

- [cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2138](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2138)
- Alonso:1996:PAG**
- [347] Laurent Alonso and René Schott. A parallel algorithm for the generation of a permutation and applications. *Theoretical Computer Science*, 159(1):15–28, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2139
- Barcucci:1996:DPP**
- [348] Elena Barcucci, Alberto Del Lungo, and Renzo Pinzani. “Deco” polyominoes, permutations and random generation. *Theoretical Computer Science*, 159(1):29–42, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2140
- Denise:1996:GAU**
- [349] Alain Denise. Génération aléatoire uniforme de mots de langages rationnels. (French) [Generating uniformly random words of rational languages]. *Theoretical Computer Science*, 159(1):43–63, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2141
- Louchard:1996:PAS**
- [350] G. Louchard. Probabilistic analysis of some (un)directed animals. *Theoretical Computer Science*, 159(1):65–79, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2142
- Mosbah:1996:PHR**
- [351] Mohamed Mosbah. Probabilistic hyperedge replacement grammars. *Theoretical Computer Science*, 159(1):81–102, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2143
- Aigrain:1996:PSI**
- [352] P. Aigrain. Preface to the Special Issue on the 3rd International Workshop on Polyominoes and Tilings. *Theoretical Computer Science*, 159(1):103–104, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Fournier:1996:PFP**
- [353] J. C. Fournier. Pavage des figures planes sans trous par des dominos: Fondement graphique de l’algorithme de Thurston, parallelisation, unicité et décomposition. (French) [Tiling pictures of the plane without holes by dominoes: graphical basis of the Thurston algorithm, parallelisation, uniqueness and decomposition]. *Theoretical Computer*

- Science*, 159(1):105–128, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2145. ■
- Barcucci:1996:PDT**
- [354] Elena Barcucci, Alberto Del Lungo, Renzo Pinzani, and Renzo Sprugnoli. Polyominoes defined by their vertical and horizontal projections. *Theoretical Computer Science*, 159(1):129–136, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2146. ■
- Chaboud:1996:DTP**
- [355] Thomas Chaboud. Domino tiling in planar graphs with regular and bipartite dual. *Theoretical Computer Science*, 159(1):137–142, May 28, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=1&aid=2147. ■
- Bundgen:1996:BAT**
- [356] Reinhard Bündgen. Buchberger’s algorithm: The term rewriter’s point of view. *Theoretical Computer Science*, 159(2):143–190, June 03, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=2&aid=1999. ■
- Aserti:1996:ISI**
- [357] Andrea Aserti and Cosimo Laneve. Interaction systems II: The practice of optimal reductions. *Theoretical Computer Science*, 159(2):191–244, June 03, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=2&aid=2000. ■
- Gritzner:1996:RAM**
- [358] Thomas F. Gritzner and Rudolf Berghammer. A relation algebraic model of robust correctness. *Theoretical Computer Science*, 159(2):245–270, June 03, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=2&aid=2001. ■
- Erdogmus:1996:OSN**
- [359] Hakan Erdogmus, Robert Johnston, and Michael Ferguson. On the operational semantics of nondeterminism and divergence. *Theoretical Computer Science*, 159(2):271–317, June 03, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=2&aid=2107. ■
- Sambin:1996:CDT**
- [360] Giovanni Sambin, Silvio Valentini, and Paolo Virgili. Constructive domain theory as a branch of intuitionistic pointfree topology. *Theoretical Computer Science*, 159(2):319–341, June

- 03, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=2&aid=2110. ■
- Arai:1996:PHP**
- [361] Noriko H. Arai. A proper hierarchy of propositional sequent calculi. *Theoretical Computer Science*, 159(2):343–354, June 03, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=2&aid=2134. ■
- Ying:1996:WIC**
- [362] Mingsheng Ying. When is the ideal completion of abstract basis algebraic. *Theoretical Computer Science*, 159(2):355–356, June 03, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=159&issue=2&aid=2124. ■
- Maddux:1996:RAS**
- [363] Roger D. Maddux. Relation-algebraic semantics. *Theoretical Computer Science*, 160(1–2):1–85, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2023. ■
- Courcelle:1996:MSO**
- [364] Bruno Courcelle. The monadic second-order logic of graphs X : Lin-
- ear orderings. *Theoretical Computer Science*, 160(1–2):87–143, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2024. ■
- Tronci:1996:EPCa**
- [365] Enrico Tronci. Equational programming in λ -calculus via SL-systems. Part 1. *Theoretical Computer Science*, 160(1–2):145–184, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2046. ■
- Tronci:1996:EPCb**
- [366] Enrico Tronci. Equational programming in λ -calculus via SL-systems. Part 2. *Theoretical Computer Science*, 160(1–2):185–216, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2047. ■
- Tuijn:1996:CCG**
- [367] Chris Tuijn and Marc Gyssens. CGOOD, a categorical graph-oriented object data model. *Theoretical Computer Science*, 160(1–2):217–239, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2030. ■

- Baaz:1996:CFO**
- [368] Matthias Baaz, Alexander Leitsch, and Richard Zach. Completeness of a first-order temporal logic with time-gaps. *Theoretical Computer Science*, 160(1–2):241–270, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2048.
- Kaminski:1996:PAO**
- [369] Michael Kaminski and Chung Kei Wong. The power of the “always” operator in first-order temporal logic. *Theoretical Computer Science*, 160(1–2):271–281, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2049.
- Yamasaki:1996:SRN**
- [370] Susumu Yamasaki. SLDF resolution with non-safe rule and fix-point semantics for general logic programs. *Theoretical Computer Science*, 160(1–2):283–303, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2050.
- Durand:1996:FOS**
- [371] Arnaud Durand and Solomampionona Ranaivoson. First-order spectra with one binary predicate. *Theoretical Computer Science*, 160(1–2):305–320, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2053.
- Bonatti:1996:QDD**
- [372] Piero A. Bonatti and Thomas Eiter. Querying disjunctive databases through nonmonotonic logics. *Theoretical Computer Science*, 160(1–2):321–363, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2133.
- Marriott:1996:NBC**
- [373] Kim Marriott and Martin Odersky. Negative Boolean constraints. *Theoretical Computer Science*, 160(1–2):365–380, June 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=160&issue=1-2&aid=2150.
- Anonymous:1996:MIVa**
- [374] Anonymous. Master Index Volume 151–160. *Theoretical Computer Science*, 160(1–2):383–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Chen:1996:PCM**
- [375] Zhi-Zhong Chen. Parallel constructions of maximal path sets and applications to short superstrings. *Theoretical Computer Science*, 161(1–2):1–21,

- July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2051. ■
- Carrere:1996:KRA**
- [376] F. Carrere. On the Kleijn–Rozenberg k -adjacent languages. *Theoretical Computer Science*, 161(1–2):23–68, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2025. ■
- Labhalla:1996:ACR**
- [377] Salah Labhalla, Henri Lombardi, and Roger Marlin. Algorithmes de calcul de la réduction de Hermite d'une matrice à coefficients polynomiaux. (French) [Algorithms for computing an Hermitian reduction of a matrix with polynomial coefficients]. *Theoretical Computer Science*, 161(1–2):69–92, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2031. ■
- Harju:1996:FPC**
- [378] Tero Harju, Marjo Lippinen, and Alexandru Mateescu. Flatwords and Post Correspondence Problem. *Theoretical Computer Science*, 161(1–2):93–108, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>
- cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2033. ■
- Mayer:1996:CPI**
- [379] Alain J. Mayer and Larry J. Stockmeyer. The complexity of PDL with interleaving. *Theoretical Computer Science*, 161(1–2):109–122, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2036. ■
- Fortnow:1996:RBI**
- [380] Lance Fortnow and Martin Kummer. On resource-bounded instance complexity. *Theoretical Computer Science*, 161(1–2):123–140, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2038. ■
- Petersen:1996:LPW**
- [381] H. Petersen. On the language of primitive words. *Theoretical Computer Science*, 161(1–2):141–156, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2039. ■
- Selmi:1996:TL**
- [382] Carla Selmi. Over testable languages. *Theoretical Computer Science*, 161(1–2):157–190, July 15, 1996. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2041. ■
- Carton:1996:CA**
- [383] Olivier Carton. Chain automata. *Theoretical Computer Science*, 161(1–2):191–203, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2044. ■
- Hotz:1996:PCC**
- [384] Günter Hotz and Gisela Pitsch. On parsing coupled-context-free languages. *Theoretical Computer Science*, 161(1–2):205–233, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2055. ■
- Fulk:1996:LPI**
- [385] Mark Fulk and Sanjay Jain. Learning in the presence of inaccurate information. *Theoretical Computer Science*, 161(1–2):235–261, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2076. ■
- Regan:1996:ISP**
- [386] Kenneth W. Regan. Index sets and presentations of complexity classes. *Theoretical Computer Science*, 161(1–2):263–287, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2087. ■
- Maruyama:1996:ITW**
- [387] Osamu Maruyama and Satoru Miyano. Inferring a tree from walks. *Theoretical Computer Science*, 161(1–2):289–300, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2097. ■
- Cucker:1996:GKP**
- [388] Felipe Cucker and Michael Shub. Generalized Knapsack problems and fixed degree separations. *Theoretical Computer Science*, 161(1–2):301–306, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2205. ■
- Andreev:1996:CHD**
- [389] Alexander E. Andreev, Andrea E. F. Clementi, and José D. P. Rolim. Constructing the highest degree subgraph for dense graphs is in NCAS. *Theoretical Computer Science*, 161(1–2):307–314, July 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2217](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=161&issue=1-2&aid=2217) ■
Vigna:1996:RBD
- [390] Sebastiano Vigna. On the relations between distributive computability and the BSS model. *Theoretical Computer Science*, 162(1):5–21, August 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=1&aid=2188 ■
Moore:1996:RTR
- [391] Christopher Moore. Recursion theory on the reals and continuous-time computation. *Theoretical Computer Science*, 162(1):23–44, August 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=1&aid=2189 ■
Brattka:1996:RCC
- [392] Vasco Brattka. Recursive characterization of computable real-valued functions and relations. *Theoretical Computer Science*, 162(1):45–77, August 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=1&aid=2190 ■
Escardo:1996:PER
- [393] Martín Hötzl Escardó. PCF extended with real numbers. *Theoretical Computer Science*, 162(1):79–115, August 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=1&aid=2191 ■
Pelibossian:1996:LLC
- [394] Hratchia Pélibossian. On the linearity of on-line computable functions. *Theoretical Computer Science*, 162(1):117–132, August 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=1&aid=2192 ■
Revol:1996:PEA
- [395] Nathalie Revol and Jean-Louis Roch. Parallel evaluation of arithmetic circuits. *Theoretical Computer Science*, 162(1):133–150, August 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=1&aid=2193 ■
Mikov:1996:LSA
- [396] Alexander I. Mikov. Large-scale addition of machine real numbers: Accuracy estimates. *Theoretical Computer Science*, 162(1):151–170, August 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=1&aid=2194 ■

- Pan:1996:PCP**
- [397] Victor Y. Pan. Parallel computation of polynomial GCD and some related parallel computations over abstract fields. *Theoretical Computer Science*, 162(2):173–223, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2233 ■
- Baker:1996:MES**
- [398] Brenda S. Baker and Edward G. Coffman, Jr. Mutual exclusion scheduling. *Theoretical Computer Science*, 162(2):225–243, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2234 ■
- MeyeraufderHeide:1996:ESR**
- [399] Friedhelm Meyer auf der Heide, Christian Scheideler, and Volker Stemann. Exploiting storage redundancy to speed up randomized shared memory simulations. *Theoretical Computer Science*, 162(2):245–281, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2235 ■
- Mayr:1996:DCA**
- [400] Ernst W. Mayr and Ralph Werchner. Divide-and-conquer algorithms on the hypercube. *Theoretical Computer Science*, 162(2):283–296, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2236 ■
- Hsu:1996:EMP**
- [401] Tsan sheng Hsu and Vijaya Ramachandran. Efficient massively parallel implementation of some combinatorial algorithms. *Theoretical Computer Science*, 162(2):297–322, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2237 ■
- Finta:1996:SUU**
- [402] Lucian Finta, Zhen Liu, Ioannis Milis, and Evripidis Bampis. Scheduling UET–UCT series–parallel graphs on two processors. *Theoretical Computer Science*, 162(2):323–340, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2238 ■
- Chakrabarti:1996:RAJ**
- [403] Soumen Chakrabarti. Random allocation of jobs with weights and precedence. *Theoretical Computer Science*, 162(2):341–349, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2239](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2239)
- Garcia:1996:MPA**
- [404] Miguel Angel García. Massively parallel approximation of irregular triangular meshes of arbitrary topology with smooth parametric surfaces. *Theoretical Computer Science*, 162(2):351–369, August 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=162&issue=2&aid=2240
- Courcelle:1996:BNU**
- [405] Bruno Courcelle. Basic notions of universal algebra for language theory and graph grammars. *Theoretical Computer Science*, 163(1–2):1–54, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2086
- Bloom:1996:FSA**
- [406] Stephen L. Bloom and Zoltán Ésik. Free shuffle algebras in language varieties. *Theoretical Computer Science*, 163(1–2):55–98, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2171
- Niwinski:1996:GC**
- [407] Damian Niwiński and Igor Walukiewicz. Games for the μ -calculus. *Theoretical Computer Science*, 163(1–2):99–116, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2077
- Colussi:1996:HCC**
- [408] Livio Colussi and Laura Toniolo. How the character comparison order shapes the shift function of on-line pattern matching algorithms. *Theoretical Computer Science*, 163(1–2):117–144, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2078
- Derencourt:1996:TWC**
- [409] Denis Derencourt. A three-word code which is not prefix-suffix composed. *Theoretical Computer Science*, 163(1–2):145–160, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2080
- Hausen-Tropper:1996:FTA**
- [410] E. Hausen-Tropper. A framework for a theory of automated learning. *Theoretical Computer Science*, 163(1–2):161–176, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2079
- Hausen-Tropper:1996:FTA**

- [cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2084](http://www.elsevier.com/cgi-bin/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2084) ■
- Beigel:1996:FCB**
- [411] Richard Beigel, William Gasarch, and Efim Kinber. Frequency computation and bounded queries. *Theoretical Computer Science*, 163(1–2):177–192, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2090 ■
- Lehr:1996:VSA**
- [412] Siegfried Lehr, Jeffrey Shallit, and John Tromp. On the vector space of the automatic reals. *Theoretical Computer Science*, 163(1–2):193–210, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2175 ■
- Levcopoulos:1996:EFI**
- [413] Christos Levcopoulos and Ola Petersson. Exploiting few inversions when sorting: Sequential and parallel algorithms. *Theoretical Computer Science*, 163(1–2):211–238, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2197 ■
- Gu:1996:OHA**
- [414] Xunrang Gu and Yuzhang Zhu. Optimal heapsort algorithm. *Theoretical Computer Science*, 163(1–2):239–243, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2084 ■
- Vollmer:1996:RTC**
- [415] Heribert Vollmer and Klaus W. Wagner. Recursion theoretic characterizations of complexity classes of counting functions. *Theoretical Computer Science*, 163(1–2):245–258, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2178 ■
- Long:1996:NGC**
- [416] Dongyang Long. Note on group codes. *Theoretical Computer Science*, 163(1–2):259–267, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2179 ■
- Fredholm:1996:CMP**
- [417] Daniel Fredholm. Computing minimum with primitive recursion over lists. *Theoretical Computer Science*, 163(1–2):269–276, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2184 ■

- Gilman:1996:SLI**
- [418] Robert H. Gilman. A shrinking lemma for indexed languages. *Theoretical Computer Science*, 163(1–2):277–281, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2224. ■
- Tsukiji:1996:SCB**
- [419] Tatsuo Tsukiji. On a small class of Boolean sums. *Theoretical Computer Science*, 163(1–2):283–289, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2210. ■
- Blanchard:1996:DBC**
- [420] F. Blanchard and A. Maass. Dynamical behaviour of Coven's aperiodic cellular automata. *Theoretical Computer Science*, 163(1–2):291–302, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2221. ■
- Malgouyres:1996:TNL**
- [421] Rémy Malgouyres. There is no local characterization of separating and thin objects in Z^3 . *Theoretical Computer Science*, 163(1–2):303–308, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2095. ■
- Ziadi:1996:REL**
- [422] Djelloul Ziadi. Regular expression for a language without empty word. *Theoretical Computer Science*, 163(1–2):309–315, August 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=163&issue=1-2&aid=2231. ■
- Carlsson:1996:HB**
- [423] Svante Carlsson, Jingsen Chen, and Christer Mattsson. Heaps with bits. *Theoretical Computer Science*, 164(1–2):1–12, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2093. ■
- Case:1996:ALH**
- [424] John Case, Sanjay Jain, and Arun Sharma. Anomalous learning helps succinctness. *Theoretical Computer Science*, 164(1–2):13–28, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2095. ■
- Harrison:1996:ACL**
- [425] John Harrison. On almost cylindrical languages and the decidability of the D0L and PWD0L prim-

- itivity problems. *Theoretical Computer Science*, 164(1–2):29–40, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2109. Sirvent:1996:RBD
- [426] Víctor F. Sirvent. Relationships between the dynamical systems associated to the Rauzy substitutions. *Theoretical Computer Science*, 164(1–2):41–57, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2111. Picouleau:1996:WCA
- [427] C. Picouleau. Worst-case analysis of fast heuristics for packing squares into a square. *Theoretical Computer Science*, 164(1–2):59–72, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2125. Middendorf:1996:TDP
- [428] Martin Middendorf. Two-dimensional partitioning problems. *Theoretical Computer Science*, 164(1–2):73–106, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse. Hubert:1996:PCS
- [429] Krzysztof Diks and Andrzej Pelc. Reliable computations on faulty EREW PRAM. *Theoretical Computer Science*, 164(1–2):107–122, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2126. Diks:1996:RCF
- [430] Kai Salomaa, Derick Wood, and Sheng Yu. Structural equivalence and ETOL grammars. *Theoretical Computer Science*, 164(1–2):123–140, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2127. Salomaa:1996:SEG
- [431] Jack H. Lutz and Elvira Mayordomo. Cook versus Karp-Levin: Separating completeness notions if NP is not small. *Theoretical Computer Science*, 164(1–2):141–163, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2130. Lutz:1996:CVK
- [432] Pascal Hubert. Propriétés combinatoires des suites définies par le billard dans les triangles pavants. (French)

- [Combinatorial properties of sequences defined by a billiard in paved triangles]. *Theoretical Computer Science*, 164(1–2):165–183, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2149. ■
- Fill:1996:LRC**
- [433] James Allen Fill. Limits and rates of convergence for the distribution of search cost under the move-to-front rule. *Theoretical Computer Science*, 164(1–2):185–206, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2151. ■
- Finkel:1996:PAM**
- [434] Alain Finkel and Isabelle Tellier. A polynomial algorithm for the membership problem with categorial grammars. *Theoretical Computer Science*, 164(1–2):207–221, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2152. ■
- DeFelice:1996:AHF**
- [435] Clelia De Felice. An application of Hajós factorizations to variable-length codes. *Theoretical Computer Science*, 164(1–2):223–252, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2254. ■
- Moews:1996:CSG**
- [436] David Moews. Coin-sliding and Go. *Theoretical Computer Science*, 164(1–2):253–276, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2291. ■
- Tomescu:1996:AAL**
- [437] Ioan Tomescu. On the asymptotic average length of a maximum common subsequence for words over a finite alphabet. *Theoretical Computer Science*, 164(1–2):277–285, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2200. ■
- Gupta:1996:CSI**
- [438] Arvind Gupta and Naomi Nishimura. The complexity of subgraph isomorphism for classes of partial k -trees. *Theoretical Computer Science*, 164(1–2):287–298, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2254. ■

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 2px; text-align: center;">Iliopoulos:1996:WTO</div> <p>[439] Costas S. Iliopoulos and Kunsoo Park. A work-time optimal algorithm for computing all string covers. <i>Theoretical Computer Science</i>, 164(1–2):299–310, September 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=164&issue=1-2&aid=2255 ■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Anonymous:1996:CEBb</div> <p>[440] Anonymous. Contents EATCS Bulletin Number 59. <i>Theoretical Computer Science</i>, 164(1–2):311–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Bidoit:1996:BTP</div> <p>[441] Michel Bidoit and Rolf Hennicker. Behavioural theories and the proof of behavioural properties. <i>Theoretical Computer Science</i>, 165(1):3–55, September 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=1&aid=2242 ■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Codish:1996:PIA</div> <p>[442] Michael Codish and Grigory Mashedvitzky. Proving implications by algebraic approximation. <i>Theoretical Computer Science</i>, 165(1):57–74, September 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=1&aid=2243 ■</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;">Antoy:1996:SRS</div> <p>[443] Sergio Antoy and Aart Middeldorp. A sequential reduction strategy. <i>Theoretical Computer Science</i>, 165(1):75–95, September 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=1&aid=2244 ■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Gramlich:1996:TCP</div> <p>[444] Bernhard Gramlich. On termination and confluence properties of disjoint and constructor-sharing conditional rewrite systems. <i>Theoretical Computer Science</i>, 165(1):97–131, September 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=1&aid=2245 ■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Alpuente:1996:CSB</div> <p>[445] María Alpuente, Moreno Falaschi, and Germán Vidal. A compositional semantic basis for the analysis of equational Horn programs. <i>Theoretical Computer Science</i>, 165(1):133–169, September 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=1&aid=2246 ■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Teusink:1996:TVC</div> <p>[446] Frank Teusink. Three-valued completion for abductive logic programs. <i>Theoretical Computer Science</i>, 165(1):171–200, September 30,</p> |
|--|---|

1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=1&aid=2247. ■
- Miller:1996:FMC**
- [447] Dale Miller. Forum: A multiple-conclusion specification logic. *Theoretical Computer Science*, 165(1):201–232, September 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=1&aid=2248.
- Fraser:1996:CSS**
- [448] Campbell Fraser. Consistent subsequences and supersequences. *Theoretical Computer Science*, 165(2):233–246, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2079.
- Maurin:1996:ECB**
- [449] Françoise Maurin. Exact complexity bounds for ordinal addition. *Theoretical Computer Science*, 165(2):247–273, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2162. ■
- Pelecq:1996:AGC**
- [450] Laurent Pélecq. Automorphism groups of context-free graphs. *Theoretical Computer Science*, 165(2):275–293, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2163.
- Berthe:1996:FFS**
- [451] Valérie Berthé. Fréquences des facteurs des suites sturmianes. (French) [Frequencies of factors of Sturmian series]. *Theoretical Computer Science*, 165(2):295–309, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2165. ■
- Munro:1996:SRO**
- [452] J. Ian Munro and Venkatesh Raman. Selection from read-only memory and sorting with minimum data movement. *Theoretical Computer Science*, 165(2):311–323, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2166. ■
- Morcrette:1996:EDF**
- [453] Michelle Morcrette. Sur l'équivalence de descriptions de figures itérées. (French) [On the equivalence of descriptions of iterative figures]. *Theo-*

- retical Computer Science*, 165(2):325–354, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2167.
- Kulkarni:1996:LTP**
- [454] Sulekha R. Kulkarni and Priti Shankar. Linear time parsers for classes of non context free languages. *Theoretical Computer Science*, 165(2):355–390, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2172.
- Habib:1996:TSD**
- [455] Michel Habib and Lhouari Nourine. Tree structure for distributive lattices and its applications. *Theoretical Computer Science*, 165(2):391–405, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2173.
- Blundo:1996:FDS**
- [456] Carlo Blundo, Antonella Cresti, Alfredo De Santis, and Ugo Vaccaro. Fully dynamic secret sharing schemes. *Theoretical Computer Science*, 165(2):407–440, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>.
- cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2206
- Auletta:1996:DSA**
- [457] Vincenzo Auletta, Domenico Parente, and Giuseppe Persiano. Dynamic and static algorithms for optimal placement of resources in a tree. *Theoretical Computer Science*, 165(2):441–461, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2292.
- Dumitrescu:1996:NPG**
- [458] Sorina Dumitrescu. Nonreturning PC grammar systems can be simulated by returning systems. *Theoretical Computer Science*, 165(2):463–474, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2199.
- Imai:1996:FSS**
- [459] Katsunobu Imai and Kenichi Morita. Firing squad synchronization problem in reversible cellular automata. *Theoretical Computer Science*, 165(2):475–482, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=165&issue=2&aid=2219.
- Brimkov:1996:SNC**
- [460] V. Brimkov, B. Codenotti, M. Leoncini, and G. Resta. Strong NP-completeness

- of a matrix similarity problem. *Theoretical Computer Science*, 165(2):483–490, October 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2054. ■
- Hoofman:1996:CMI**
- [464] R. Hoofman. Comparing models of the intensional typed λ -calculus. *Theoretical Computer Science*, 166(1–2):83–99, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2081. ■
- Etalle:1996:TCM**
- [465] Sandro Etalle and Maurizio Gabelli. Transformations of CLP modules. *Theoretical Computer Science*, 166(1–2):101–146, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2089. ■
- Fouks:1996:MRA**
- [466] Jean-Denis Fouks and Jean-Claude Spehner. Meta-resolution: An algorithmic formalisation. *Theoretical Computer Science*, 166(1–2):147–172, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2096. ■
- Demri:1996:LAD**
- [467] Stéphane Demri and Ewa Orlowska. Logical analysis of demonic nondeterministic programs. *Theoretical Com-*
- [461] Y. S. Ramakrishna, P. M. Melliar-Smith, L. E. Moser, L. K. Dillon, and G. Kutty. Interval logics and their decision procedures. part I: An interval logic. *Theoretical Computer Science*, 166(1–2):1–47, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2195. ■
- Ramakrishna:1996:ILTa**
- [462] Uchang Park. An algebraic formulation of the aggregative closure query. *Theoretical Computer Science*, 166(1–2):49–62, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2022. ■
- Park:1996:AFA**
- [463] Enshao Shen and Qijia Tian. Monadic partition logics and finite automata. *Theoretical Computer Science*, 166(1–2):63–81, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2096. ■
- Shen:1996:MPL**
- [464] R. Hoofman. Comparing models of the intensional typed λ -calculus. *Theoretical Computer Science*, 166(1–2):83–99, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2054. ■
- Hoofman:1996:CMI**
- [465] Sandro Etalle and Maurizio Gabelli. Transformations of CLP modules. *Theoretical Computer Science*, 166(1–2):101–146, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2089. ■
- Etalle:1996:TCM**
- [466] Jean-Denis Fouks and Jean-Claude Spehner. Meta-resolution: An algorithmic formalisation. *Theoretical Computer Science*, 166(1–2):147–172, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2096. ■
- Fouks:1996:MRA**
- [467] Stéphane Demri and Ewa Orlowska. Logical analysis of demonic nondeterministic programs. *Theoretical Com-*

- puter Science*, 166(1–2):173–202, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2131. ■
- Zhang:1996:LCC**
- [468] Guo-Qiang Zhang. The largest Cartesian closed category of stable domains. *Theoretical Computer Science*, 166(1–2):203–219, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2132. ■
- Gottlob:1996:NGR**
- [469] Georg Gottlob, Sherry Marcus, Anil Nerode, Gernot Salzer, and V. S. Subrahmanian. A non-ground realization of the stable and well-founded semantics. *Theoretical Computer Science*, 166(1–2):221–262, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2148. ■
- Meinke:1996:TMA**
- [470] Karl Meinke. Topological methods for algebraic specification. *Theoretical Computer Science*, 166(1–2):263–290, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2269. ■
- Hofmann:1996:BAB**
- [471] Anatoli Degtyarev and Andrei Voronkov. The undecidability of simultaneous rigid E-unification. *Theoretical Computer Science*, 166(1–2):291–300, October 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=166&issue=1-2&aid=2202. ■
- Degtyarev:1996:USR**
- [472] Peter D. Mosses, Mogens Nielsen, and Michael I. Schwartzbach. Foreword. *Theoretical Computer Science*, 167(1–2):1, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2269. ■
- Mosses:1996:F**
- [473] Martin Hofmann and Donald Sannella. On behavioural abstraction and behavioural satisfaction in higher-order logic. *Theoretical Computer Science*, 167(1–2):3–45, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2270. ■
- Hofmann:1996:BAB**
- [474] Bengt Jonsson and Yih-Kuen Tsay. Assumption/guarantee specifications
- Jonsson:1996:AGS**

- in linear-time temporal logic. *Theoretical Computer Science*, 167(1–2):47–72, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2271.
- Kozen:1996:RSS**
- [475] Dexter Kozen. Rational spaces and set constraints. *Theoretical Computer Science*, 167(1–2):73–94, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2272.
- Middeldorp:1996:LNS**
- [476] Aart Middeldorp, Satoshi Okui, and Tetsuo Ida. Lazy narrowing: Strong completeness and eager variable elimination. *Theoretical Computer Science*, 167(1–2):95–130, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2273.
- Sagiv:1996:PID**
- [477] Mooly Sagiv, Thomas Reps, and Susan Horwitz. Precise interprocedural dataflow analysis with applications to constant propagation. *Theoretical Computer Science*, 167(1–2):131–170, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2274.
- Salomaa:1996:DED**
- [478] Kai Salomaa. Decidability of equivalence for deterministic synchronized tree automata. *Theoretical Computer Science*, 167(1–2):171–192, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2275.
- Sands:1996:PCR**
- [479] David Sands. Proving the correctness of recursion-based automatic program transformations. *Theoretical Computer Science*, 167(1–2):193–233, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2276.
- Sangiorgi:1996:CIM**
- [480] Davide Sangiorgi. π -calculus, internal mobility, and agent-passing calculi. *Theoretical Computer Science*, 167(1–2):235–274, October 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=167&issue=1-2&aid=2277.
- Rovan:1996:I**
- [481] Brànilslav Rovan. Introduction. *Theoretical Computer Science*, 168(1):1, November 10, 1996. CODEN:

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2261.
- Ambos-Spies:1996:GME**
- [482] Klaus Ambos-Spies, Hans-Christian Neis, and Sebastiaan A. Terwijn. Genericity and measure for exponential time. *Theoretical Computer Science*, 168(1):3–19, November 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2262.
- Baeza-Yates:1996:BDE**
- [483] Ricardo A. Baeza-Yates. Bounded disorder: The effect of the index. *Theoretical Computer Science*, 168(1):21–38, November 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2263.
- Dietzfelbinger:1996:CTL**
- [484] Martin Dietzfelbinger, Juraj Hromkovič, and Georg Schnitger. A comparison of two lower-bound methods for communication complexity. *Theoretical Computer Science*, 168(1):39–51, November 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2264.
- Ferrari:1996:CES**
- [485] Gian-Luigi Ferrari, Ugo Montanari, and Paola Quaglia. A π -calculus with explicit substitutions. *Theoretical Computer Science*, 168(1):53–103, November 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2265.
- Karhumaki:1996:SIS**
- [486] Juhani Karhumäki and Wojciech Plandowski. On the size of independent systems of equations in semigroups. *Theoretical Computer Science*, 168(1):105–119, November 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2266.
- Kavvadias:1996:HED**
- [487] Dimitris J. Kavvadias, Grammati E. Pantziou, Paul G. Spirakis, and Christos D. Zaroliagis. Hammock-on-ears decomposition: A technique for the efficient parallel solution of shortest paths and other problems. *Theoretical Computer Science*, 168(1):121–154, November 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2267.
- Sieber:1996:FAS**
- [488] Kurt Sieber. Full abstraction for the

- second order subset of an ALGOL-like language. *Theoretical Computer Science*, 168(1):155–212, November 10, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=1&aid=2268.
- Anonymous:1996:IWU**
- [489] Anonymous. International Workshop on Universal Machines and Computations. *Theoretical Computer Science*, 168(2):??, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Margenstern:1996:F**
- [490] Maurice Margenstern. Foreword. *Theoretical Computer Science*, 168(2):213–214, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2278.
- Rogozhin:1996:SUT**
- [491] Yurii Rogozhin. Small universal Turing machines. *Theoretical Computer Science*, 168(2):215–240, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2279.
- Kudlek:1996:SDT**
- [492] Manfred Kudlek. Small deterministic Turing machines. *Theoretical Computer Science*, 168(2):241–255, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2280.
- Pavlovskaya:1996:MUE**
- [493] Liudmila Pavlovskaya. On machines, universal by extensions. *Theoretical Computer Science*, 168(2):257–266, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2281.
- Korec:1996:SUR**
- [494] Ivan Korec. Small universal register machines. *Theoretical Computer Science*, 168(2):267–301, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2282.
- Morita:1996:URT**
- [495] Kenichi Morita. Universality of a reversible two-counter machine. *Theoretical Computer Science*, 168(2):303–320, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2283.

- Paun:1996:CS**
- [496] Gheorghe Păun, Grzegorz Rozenberg, and Arto Salomaa. Computing by splicing. *Theoretical Computer Science*, 168(2):321–336, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2284. ■
- Morita:1996:SRR**
- [497] Kenichi Morita and Katsunobu Imai. Self-reproduction in a reversible cellular space. *Theoretical Computer Science*, 168(2):337–366, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2285. ■
- Mazoyer:1996:OSF**
- [498] Jacques Mazoyer. On optimal solutions to the firing squad synchronization problem. *Theoretical Computer Science*, 168(2):367–404, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2286. ■
- Goles:1996:SDU**
- [499] Eric Goles and Martín Matamala. Symmetric discrete universal neural networks. *Theoretical Computer Science*, 168(2):405–416, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2290. ■
- Bournez:1996:CPD**
- [500] Olivier Bournez and Michel Cosnard. On the computational power of dynamical systems and hybrid systems. *Theoretical Computer Science*, 168(2):417–459, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2288. ■
- Siegelmann:1996:SDS**
- [501] Hava T. Siegelmann. The simple dynamics of super Turing theories. *Theoretical Computer Science*, 168(2):461–472, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2289. ■
- Koiran:1996:FUR**
- [502] Pascal Koiran. A family of universal recurrent networks. *Theoretical Computer Science*, 168(2):473–480, November 20, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=168&issue=2&aid=2290. ■
- Jay:1996:P**
- [503] Barry Jay and John Staples. Preface. *Theoretical Computer Science*, 169

- (1):1, November 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=1&aid=2313. Bunder:1996:LTD
- [504] M. W. Bunder. Lambda terms definable as combinators. *Theoretical Computer Science*, 169(1):3–21, November 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=1&aid=2314. Eades:1996:LER
- [505] Peter Eades and Sue Whitesides. The logic engine and the realization problem for nearest neighbor graphs. *Theoretical Computer Science*, 169(1):23–37, November 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=1&aid=2315. Farrell:1996:FSP
- [506] C. A. Farrell and D. H. Kieronska. Formal specification of parallel SIMD execution. *Theoretical Computer Science*, 169(1):39–65, November 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=1&aid=2316. Gibbons:1996:CDA
- [507] Jeremy Gibbons. Computing downwards accumulations on trees quickly. *Theoretical Computer Science*, 169(1):67–80, November 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=1&aid=2317. Nickolas:1996:QPU
- [508] Peter Nickolas and Peter J. Robinson. The Qu-Prolog unification algorithm: Formalisation and correctness. *Theoretical Computer Science*, 169(1):81–112, November 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=1&aid=2318. Yarroll:1996:SMT
- [509] La Monte H. Yarroll. See more through lenses than bananas [recursive data structures]. *Theoretical Computer Science*, 169(1):113–121, November 30, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=1&aid=2319. Muscholl:1996:CAC
- [510] Anca Muscholl. On the complementation of asynchronous cellular Büchi automata. *Theoretical Computer Science*, 169(2):123–145, December 05, 1996. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=2&aid=2320. ■
- Feige:1996:FRL**
- [511] Uriel Feige. A fast randomized LOGSPACE algorithm for graph connectivity. *Theoretical Computer Science*, 169(2):147–160, December 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=2&aid=2321. ■
- Globerman:1996:CRT**
- [512] Noa Globerman and David Harel. Complexity results for two-way and multi-pebble automata and their logics. *Theoretical Computer Science*, 169(2):161–184, December 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=2&aid=2322. ■
- Pin:1996:PCG**
- [513] Jean-Eric Pin. Polynomial closure of group languages and open sets of the Hall topology. *Theoretical Computer Science*, 169(2):185–200, December 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=2&aid=2323. ■
- DiCosmo:1996:CAR**
- [514] Roberto Di Cosmo and Delia Kesner. Combining algebraic rewriting, extensional lambda calculi, and fixpoints. *Theoretical Computer Science*, 169(2):201–220, December 05, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=169&issue=2&aid=2324. ■
- Ramakrishna:1996:ILTb**
- [515] Y. S. Ramakrishna, P. M. Melliar-Smith, L. E. Moser, L. K. Dillon, and G. Kutty. Interval logics and their decision procedures. Part II: A real-time interval logic. *Theoretical Computer Science*, 170(1–2):1–46, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2196. ■
- Groote:1996:CPV**
- [516] J. F. Groote and M. P. A. Sellink. Confluence for process verification. *Theoretical Computer Science*, 170(1–2):47–81, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2388. ■
- Dezani-Ciancaglini:1996:FMC**
- [517] Mariangiola Dezani-Ciancaglini, Ugo de'Liguoro, and Adolfo Piperno. Filter models for conjunctive-disjunctive

- λ -calculi. *Theoretical Computer Science*, 170(1–2):83–128, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2176. ■
- Arai:1996:TCF**
- [518] Noriko H. Arai. Tractability of cut-free Gentzen type propositional calculus with permutation inference. *Theoretical Computer Science*, 170(1–2):129–144, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2182. ■
- Majster-Cederbaum:1996:MCV**
- [519] Mila E. Majster-Cederbaum and Christel Baier. Metric completion versus ideal completion. *Theoretical Computer Science*, 170(1–2):145–171, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2203. ■
- Barbanera:1996:ITA**
- [520] Franco Barbanera and Maribel Fernández. Intersection type assignment systems with higher-order algebraic rewriting. *Theoretical Computer Science*, 170(1–2):173–207, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2204. ■
- Dimopoulos:1996:GTS**
- [521] Yannis Dimopoulos and Alberto Torres. Graph theoretical structures in logic programs and default theories. *Theoretical Computer Science*, 170(1–2):209–244, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2207. ■
- Bouhoula:1996:UIR**
- [522] Adel Bouhoula. Using induction and rewriting to verify and complete parameterized specifications. *Theoretical Computer Science*, 170(1–2):245–276, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2208. ■
- Dybjer:1996:RID**
- [523] Peter Dybjer. Representing inductively defined sets by wellorderings in Martin-Löf's type theory. *Theoretical Computer Science*, 170(1–2):245–276, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2348. ■

- Sassone:1996:AAP**
- [524] Vladimiro Sassone. An axiomatization of the algebra of Petri net concatenable processes. *Theoretical Computer Science*, 170(1–2):277–296, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2212. ■
- Sassone:1996:MCT**
- [525] Vladimiro Sassone, Mogens Nielsen, and Glynn Winskel. Models for concurrency: Towards a classification. *Theoretical Computer Science*, 170(1–2):297–348, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2214. ■
- Rutten:1996:EGU**
- [526] J. J. M. M. Rutten. Elements of generalized ultrametric domain theory. *Theoretical Computer Science*, 170(1–2):349–381, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2216. ■
- You:1996:IBR**
- [527] Jia-Huai You, Robert Cartwright, and Ming Li. Iterative belief revision in extended logic programming. *Theoretical Computer Science*, 170(1–2):383–406, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2293. ■
- Hilken:1996:TPT**
- [528] Barnaby P. Hilken. Towards a proof theory of rewriting: The simply typed 2λ -calculus. *Theoretical Computer Science*, 170(1–2):407–444, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2300. ■
- Yen:1996:DBT**
- [529] Hsu-Chun Yen, Shi-Tsuen Jian, and Ta-Pang Lao. Deciding bisimulation and trace equivalences for systems with many identical processes. *Theoretical Computer Science*, 170(1–2):445–464, December 15, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1996&volume=170&issue=1-2&aid=2389. ■
- Anonymous:1996:MIVb**
- [530] Anonymous. Master Index Volume 161–170. *Theoretical Computer Science*, 170(1–2):467–??, 1996. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Lakshmanan:1997:P**
- [531] Laks V. S. Lakshmanan. Preface. *Theoretical Computer Science*, 171(1–2):1–2, January 15,

1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2325. ■
- Ausiello:1997:LAS**
- [532] Giorgio Ausiello and Roberto Giacino. On-line algorithms for satisfiability problems with uncertainty. *Theoretical Computer Science*, 171(1–2):3–24, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2326. ■
- Koubarakis:1997:CQE**
- [533] Manolis Koubarakis. The complexity of query evaluation in indefinite temporal constraint databases. *Theoretical Computer Science*, 171(1–2):25–60, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2327. ■
- Ruet:1997:CEN**
- [534] Paul Ruet and François Fages. Combining explicit negation and negation by failure via Belnap’s logic. *Theoretical Computer Science*, 171(1–2):61–75, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2328. ■
- Mobasher:1997:MVL**
- [535] Bamshad Mobasher, Don Pigozzi, and Giora Slutski. Multi-valued logic programming semantics: An algebraic approach. *Theoretical Computer Science*, 171(1–2):77–109, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2329. ■
- Nerode:1997:ANR**
- [536] A. Nerode, J. B. Remmel, and V. S. Subrahmanian. Annotated nonmonotonic rule systems. *Theoretical Computer Science*, 171(1–2):111–146, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2330. ■
- Ngo:1997:AQC**
- [537] Liem Ngo and Peter Haddawy. Answering queries from context-sensitive probabilistic knowledge bases. *Theoretical Computer Science*, 171(1–2):147–177, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2331. ■
- Zimanyi:1997:QEP**
- [538] Esteban Zimányi. Query evaluation in probabilistic relational databases. *Theoretical Computer Science*, 171(1–2):179–219, January 15,

1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2332. ■
- Kohlas:1997:AAE**
- [539] Jürg Kohlas. Allocation of arguments and evidence theory. *Theoretical Computer Science*, 171(1–2):221–246, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2333. ■
- Chatalic:1997:GHT**
- [540] Philippe Chatalic, Christine Froidevaux, and Camilla Schwind. Graded hypothesis theories. *Theoretical Computer Science*, 171(1–2):247–280, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2334. ■
- Bosc:1997:FQR**
- [541] Patrick Bosc, Didier Dubois, Olivier Pivert, and Henri Prade. Flexible queries in relational databases — The example of the division operator. *Theoretical Computer Science*, 171(1–2):281–302, January 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=171&issue=1-2&aid=2335. ■
- Anonymous:1997:CEBa**
- [542] Anonymous. Contents EATCS Bulletin Number 60. *Theoretical Computer Science*, 171(1–2):303–??, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Edmonds:1997:FSR**
- [543] Jeff Edmonds. Fundamental study: Removing Ramsey theory: lower bounds with smaller domain size. *Theoretical Computer Science*, 172(1–2):1–41, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2223.
- Fischer:1997:PLG**
- [544] Paul Fischer, Klaus-Uwe Höffgen, and Hanno Lefmann. PAC-learning from general examples. *Theoretical Computer Science*, 172(1–2):43–65, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2177. ■
- Fagnot:1997:FMA**
- [545] Isabelle Fagnot. Sur les facteurs des mots automatiques. (French) [On the factors of automatic words]. *Theoretical Computer Science*, 172(1–2):67–89, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2178. ■

- cgi?year=1997&volume=172&issue=1-2&aid=2180.
- Apolloni:1997:PLC**
- [546] B. Apolloni and S. Chiaravallii. PAC learning of concept classes through the boundaries of their items. *Theoretical Computer Science*, 172(1–2):91–120, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2181. ■
- Goles:1997:UCF**
- [547] Eric Goles and Maurice Margenstern. Universality of the chip-firing game. *Theoretical Computer Science*, 172(1–2):121–134, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2183. ■
- Handley:1997:DSM**
- [548] W. G. Handley. Deterministic summation modulo B_n , the semigroup of binary relations on $0, 1, \dots, n - 1$. *Theoretical Computer Science*, 172(1–2):135–174, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2186. ■
- Kant:1997:REL**
- [549] Goos Kant and Xin He. Regular edge labeling of 4-connected plane graphs and its applications in graph drawing problems. *Theoretical Computer Science*, 172(1–2):175–193, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2198. ■
- Ambos-Spies:1997:RBR**
- [550] Klaus Ambos-Spies, Sebastiaan A. Terwijn, and Xizhong Zheng. Resource bounded randomness and weakly complete problems. *Theoretical Computer Science*, 172(1–2):195–207, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2201. ■
- Brandstadt:1997:HOG**
- [551] Andreas Brandstädt, Feodor F. Dragan, and Falk Nicolai. Homogeneously orderable graphs. *Theoretical Computer Science*, 172(1–2):209–232, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2294. ■
- Dendris:1997:FSG**
- [552] Nick D. Dendris, Lefteris M. Kirousis, and Dimitrios M. Thilikos. Fugitive-search games on graphs and related parameters. *Theoretical Computer Science*, 172(1–2):233–254, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2302. ■

- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2390.
- Hohl:1997:MPF**
- [553] Jean-Christophe Hohl. Massively parallel factorizations of polynomials with many non-commuting variables. *Theoretical Computer Science*, 172(1–2):255–263, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2311.
- Shimozono:1997:FOS**
- [554] Shinichi Shimozono. Finding optimal subgraphs by local search. *Theoretical Computer Science*, 172(1–2):265–271, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2338.
- Rystsov:1997:RWC**
- [555] Igor Rystsov. Reset words for commutative and solvable automata. *Theoretical Computer Science*, 172(1–2):273–279, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2339.
- Iliopoulos:1997:CSF**
- [556] Costas S. Iliopoulos, Dennis Moore, and W. F. Smyth. A characterization of the squares in a Fibonacci string. *Theoretical Computer Science*, 172(1–2):281–291, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2344.
- Savicky:1997:LBB**
- [557] Petr Savický and Stanislav Žák. A lower bound on branching programs reading some bits twice. *Theoretical Computer Science*, 172(1–2):293–301, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2394.
- Rote:1997:FSV**
- [558] Günter Rote. Finding a shortest vector in a two-dimensional lattice modulo m . *Theoretical Computer Science*, 172(1–2):303–308, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2397.
- Hoogeboom:1997:CPT**
- [559] Hendrik Jan Hoogeboom and Anca Muscholl. The code problem for traces — improving the boundaries. *Theoretical Computer Sci-*

- ence*, 172(1–2):309–321, February 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=172&issue=1-2&aid=2419. ■
- Montanari:1997:P**
- [560] Ugo Montanari and Francesca Rossi. Preface. *Theoretical Computer Science*, 173(1):1, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2370. ■
- Michel:1997:HML**
- [561] Laurent Michel and Pascal Van Hentenryck. Helios: A modeling language for global optimization and its implementation in Newton. *Theoretical Computer Science*, 173(1):3–48, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2361. ■
- Bjorner:1997:AGI**
- [562] Nikolaj Bjørner, Anca Browne, and Zohar Manna. Automatic generation of invariants and intermediate assertions. *Theoretical Computer Science*, 173(1):49–87, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2362. ■
- Koubarakis:1997:LGC**
- [563] Manolis Koubarakis. From local to global consistency in temporal constraint networks. *Theoretical Computer Science*, 173(1):89–112, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2363. ■
- Maher:1997:CD**
- [564] Michael J. Maher. Constrained dependencies. *Theoretical Computer Science*, 173(1):113–149, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2364. ■
- Grumbach:1997:QAC**
- [565] Stéphane Grumbach and Jianwen Su. Queries with arithmetical constraints. *Theoretical Computer Science*, 173(1):151–181, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2365. ■
- Ajili:1997:ASV**
- [566] Farid Ajili and Evelyne Contejean. Avoiding slack variables in the solving of linear Diophantine equations and inequations. *Theoretical Computer Science*, 173(1):183–208, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2366. ■

- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2366.
- Marriott:1997:CCC**
- [567] Kim Marriott and Martin Odersky. A confluent calculus for concurrent constraint programming. *Theoretical Computer Science*, 173(1):209–233, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2367.
- Podelski:1997:SS**
- [568] Andreas Podelski and Gert Smolka. Situated simplification. *Theoretical Computer Science*, 173(1):235–252, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2368.
- Girodias:1997:SLM**
- [569] Pierre Girodias, Eduard Cerny, and William J. Older. Solving linear, min and max constraint systems using CLP based on relational interval arithmetic. *Theoretical Computer Science*, 173(1):253–281, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2369.
- Dechter:1997:LGR**
- [570] Rina Dechter and Peter van Beek. Local and global relational consistency. *Theoretical Computer Science*, 173(1):283–308, February 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=1&aid=2371.
- Astesiano:1997:P**
- [571] Egidio Astesiano. Preface. *Theoretical Computer Science*, 173(2):309–310, February 28, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=2&aid=2372.
- Cerioli:1997:MBY**
- [572] Maura Cerioli and José Meseguer. May I borrow your logic? (transporting logical structures along maps). *Theoretical Computer Science*, 173(2):311–347, February 28, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=2&aid=2373.
- Jouannaud:1997:ADT**
- [573] Jean-Pierre Jouannaud and Mitsuhiro Okada. Abstract data type systems. *Theoretical Computer Science*, 173(2):349–391, February 28, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (elec-

- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=2&aid=2374.
- Hennicker:1997:PSS**
- [574] Rolf Hennicker, Martin Wirsing, and Michel Bidoit. Proof systems for structured specifications with observability operators. *Theoretical Computer Science*, 173(2):393–443, February 28, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=2&aid=2375.
- Kahrs:1997:DEM**
- [575] Stefan Kahrs, Donald Sannella, and Andrzej Tarlecki. The definition of Extended ML: A gentle introduction. *Theoretical Computer Science*, 173(2):445–484, February 28, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=2&aid=2376.
- Orejas:1997:ILP**
- [576] Fernando Orejas, Elvira Pino, and Hartmut Ehrig. Institutions for logic programming. *Theoretical Computer Science*, 173(2):485–511, February 28, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=2&aid=2377.
- Costa:1997:SAD**
- [577] Gerardo Costa and Gianna Reggio. Specification of abstract dynamic-data types: A temporal logic approach. *Theoretical Computer Science*, 173(2):513–554, February 28, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=173&issue=2&aid=2378.
- Litovsky:1997:FAI**
- [578] Igor Litovsky and Ludwig Staiger. Finite acceptance of infinite words. *Theoretical Computer Science*, 174(1–2):1–21, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2209.
- Marathe:1997:HSU**
- [579] Madhav V. Marathe, Venkatesh Radhakrishnan, Harry B. Hunt III, and S. S. Ravi. Hierarchically specified unit disk graphs. *Theoretical Computer Science*, 174(1–2):23–65, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2211.
- Bracho:1997:RCC**
- [580] Felipe Bracho, Manfred Droste, and Dietrich Kuske. Representation of computations in concurrent automata by dependence orders. *Theoretical Com-*

- puter Science*, 174(1–2):67–96, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2215. ■
- Arora:1997:WSE**
- [581] Sanjeev Arora and Ronald Fagin. On winning strategies in Ehrenfeucht–Fraïssé games. *Theoretical Computer Science*, 174(1–2):97–121, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2218. ■
- Orponen:1997:CTA**
- [582] Pekka Orponen. Computing with truly asynchronous threshold logic networks. *Theoretical Computer Science*, 174(1–2):123–136, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2220. ■
- Krause:1997:CPD**
- [583] Matthias Krause and Pavel Pudlák. On the computational power of depth-2 circuits with threshold and modulo gates. *Theoretical Computer Science*, 174(1–2):137–156, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2222. ■
- [584] Paola Favati, Grazia Lotti, and Luciano Margara. Additive one-dimensional cellular automata are chaotic according to Devaney's definition of chaos. *Theoretical Computer Science*, 174(1–2):157–170, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2225. ■
- Favati:1997:AOD**
- [585] Marie-Line Santini-Bouchard. Echanges de trois intervalles et suites minimales. (French) [Exchanges of three intervals and minimal sequences]. *Theoretical Computer Science*, 174(1–2):171–191, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2226. ■
- Santini-Bouchard:1997:ETI**
- [586] Piotr Berman and Andrzej Lingas. A nearly optimal parallel algorithm for the Voronoi diagram of a convex polygon. *Theoretical Computer Science*, 174(1–2):193–202, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2227. ■
- Berman:1997:NOP**
- [587] Petr Kůrka. On topological dy-
- Kurka:1997:TDT**

- namics of Turing machines. *Theoretical Computer Science*, 174(1–2): 203–216, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2359. See erratum [1427].
- Finkel:1997:VIC**
- [588] Alain Finkel and Pierre McKenzie. Verifying identical communicating processes is undecidable. *Theoretical Computer Science*, 174(1–2): 217–230, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2228. See erratum [1427].
- Mullins:1997:EHC**
- [589] John Mullins. On an effective hierarchy of communicating processes: Separation principle and testing. *Theoretical Computer Science*, 174(1–2):231–246, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2230.
- Yamasaki:1997:MGA**
- [590] Yōhei Yamasaki. Mathematical games. the arithmetic of reversed positional games. *Theoretical Computer Science*, 174(1–2):247–249, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2447.
- Kobayashi:1997:LAR**
- [591] Satoshi Kobayashi and Takashi Yokomori. Learning approximately regular languages with reversible languages. *Theoretical Computer Science*, 174(1–2):251–257, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2427.
- Takahashi:1997:VHR**
- [592] Nobuyuki Takahashi. Various hierarchies of ω -regular sets. *Theoretical Computer Science*, 174(1–2): 259–268, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2447.
- Turakainen:1997:USE**
- [593] P. Turakainen. The undecidability of some equivalence problems concerning ngsms's and finite substitutions. *Theoretical Computer Science*, 174(1–2):269–274, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2448.

- | | |
|---|--|
| <div style="border: 1px solid black; padding: 2px; text-align: center;">Zhang:1997:EP</div> <p>[594] Guo-Qiang Zhang and Rodney E. Canfield. The end of pumping? <i>Theoretical Computer Science</i>, 174(1–2):275–279, March 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=174&issue=1-2&aid=2449■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Anonymous:1997:WNS</div> <p>[595] Anonymous. Workshop on Non-Standard Logics and Logical Aspects of Computer Science. <i>Theoretical Computer Science</i>, 175(1):??, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Ono:1997:F</div> <p>[596] Hiroakira Ono. Foreword. <i>Theoretical Computer Science</i>, 175(1):1, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2379■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Ershov:1997:BCH</div> <p>[597] Yu. L. Ershov. The bounded-complete hull of an α-space. <i>Theoretical Computer Science</i>, 175(1):3–13, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2380■</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;">Shilov:1997:PSV</div> <p>[598] N. V. Shilov. Program schemata vs. automata for decidability of program logics. <i>Theoretical Computer Science</i>, 175(1):15–27, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2381■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Kobayashi:1997:MM</div> <p>[599] Satoshi Kobayashi. Monad as modality. <i>Theoretical Computer Science</i>, 175(1):29–74, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2382■</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Sato:1997:ICN</div> <p>[600] Masahiko Sato. Intuitionistic and classical natural deduction systems with the catch and the throw rules. <i>Theoretical Computer Science</i>, 175(1):75–92, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2383.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Kennaway:1997:ILC</div> <p>[601] J. R. Kennaway, J. W. Klop, M. R. Sleep, and F. J. de Vries. Infinitary lambda calculus. <i>Theoretical Computer Science</i>, 175(1):93–125, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).</p> |
|---|--|

- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2384. ■
- Middeldorp:1997:STR**
- [602] Aart Middeldorp and Hans Zantema. Simple termination of rewrite systems. *Theoretical Computer Science*, 175(1):127–158, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2385. ■
- vanOostrom:1997:DDR**
- [603] Vincent van Oostrom. Developing developments [rewriting system confluence]. *Theoretical Computer Science*, 175(1):159–181, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2386. ■
- Lisitsa:1997:LSL**
- [604] Alexei Lisitsa and Vladimir Sazonov. Δ -languages for sets and LOGSPACE computable graph transformers. *Theoretical Computer Science*, 175(1):183–222, March 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=1&aid=2387. ■
- Bouchitte:1997:P**
- [605] Vincent Bouchitté, Michel Habib, and Michel Morvan. Preface. *Theoretical Computer Science*, 175(2):223, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2401. ■
- Bouchitte:1997:LAO**
- [606] Vincent Bouchitté and Jean-Xavier Rampon. On-line algorithms for orders. *Theoretical Computer Science*, 175(2):225–238, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2402. ■
- Bauernoppel:1997:PSG**
- [607] Frank Bauernöppel, Evangelos Kranakis, Danny Krizanc, Anil Maheshwari, Jörg-Rüdiger Sack, and Jorge Urrutia. Planar stage graphs: Characterizations and applications. *Theoretical Computer Science*, 175(2):239–255, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2403. ■
- Ekin:1997:HFS**
- [608] Oya Ekin, Peter L. Hammer, and Uri N. Peled. Horn functions and submodular Boolean functions. *Theoretical Computer Science*, 175(2):257–270, April 10, 1997. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2404.
- Ewacha:1997:ANL**
- [609] Kevin Ewacha, Ivan Rival, and Nejib Zaguia. Approximating the number of linear extensions. *Theoretical Computer Science*, 175(2):271–282, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2405.
- Felsner:1997:LCP**
- [610] Stefan Felsner. On-line chain partitions of orders. *Theoretical Computer Science*, 175(2):283–292, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2406.
- delaHiguera:1997:DET**
- [611] Colin de la Higuera and Lhouari Nourine. Drawing and encoding two-dimensional posets. *Theoretical Computer Science*, 175(2):293–308, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2407.
- Kloks:1997:TMF**
- [612] Ton Kloks, Dieter Kratsch, and Jeremy Spinrad. On treewidth and minimum fill-in of asteroidal triple-free graphs. *Theoretical Computer Science*, 175(2):309–335, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2408.
- Mitas:1997:CPE**
- [613] Jutta Mitas and Klaus Reuter. Cover-preserving embeddings of bipartite orders into Boolean lattices. *Theoretical Computer Science*, 175(2):337–347, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2409.
- Peer:1997:SPI**
- [614] Itsik Pe'er and Ron Shamir. Satisfiability problems on intervals and unit intervals. *Theoretical Computer Science*, 175(2):349–372, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2410.
- Talamo:1997:DSL**
- [615] M. Talamo and P. Vocca. A data structure for lattice representation. *Theoretical Computer Science*, 175(2):373–392, April 10,

1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2411. ■
- Viennot:1997:PFO**
- [616] Laurent Viennot. Parallel N -free order recognition. *Theoretical Computer Science*, 175(2):393–406, April 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=175&issue=2&aid=2412. ■
- Wu:1997:CBP**
- [617] Sue-Hwey Wu, Scott A. Smolka, and Eugene W. Stark. Composition and behaviors of probabilistic I/O automata. *Theoretical Computer Science*, 176(1–2):1–38, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2258. ■
- Chiola:1997:SRG**
- [618] G. Chiola, C. Dutheillet, G. Franceschinis, and S. Haddad. A symbolic reachability graph for coloured Petri nets. *Theoretical Computer Science*, 176(1–2):39–65, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2213. ■
- Comon:1997:FOT**
- [619] Hubert Comon and Ralf Treinen. The first-order theory of lexicographic path orderings is undecidable. *Theoretical Computer Science*, 176(1–2):67–87, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2249. ■
- Hoover:1997:LSN**
- [620] D. N. Hoover. Limiting semantics of numerical programs. *Theoretical Computer Science*, 176(1–2):89–110, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2250. ■
- Hermann:1997:UIS**
- [621] Miki Hermann and Roman Galbavý. Unification of infinite sets of terms schematized by primal grammars. *Theoretical Computer Science*, 176(1–2):111–158, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2252. ■
- Martini:1997:ELN**
- [622] Simone Martini and Andrea Masini. Experiments in linear natural deduction. *Theoretical Computer Science*, 176(1–2):159–173, April 20, 1997. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2257. ■
- Matos:1997:MLP**
- [623] Armando B. Matos. Monadic logic programs and functional complexity. *Theoretical Computer Science*, 176(1–2):175–204, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2296. ■
- Hartonas:1997:SFD**
- [624] Chrysafis Hartonas. Semantics for finite delay. *Theoretical Computer Science*, 176(1–2):205–234, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2298. ■
- Pierce:1997:HOS**
- [625] Benjamin Pierce and Martin Steffens. Higher-order subtyping. *Theoretical Computer Science*, 176(1–2):235–282, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2299. See corrigendum [761]. ■
- Suciu:1997:BFC**
- [626] Dan Suciu. Bounded fixpoints for complex objects. *Theoretical Computer Science*, 176(1–2):283–328, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2530. ■
- Dybjer:1997:RID**
- [627] P. Dybjer. Representing inductively defined sets by wellorderings in Martin-Löf's type theory. *Theoretical Computer Science*, 176(1–2):329–335, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). ■
- Castagna:1997:UOA**
- [628] Giuseppe Castagna. Unifying overloading and λ -abstraction: $\lambda^{\{\}}.$ *Theoretical Computer Science*, 176(1–2):337–345, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2424. ■
- Massol:1997:MSS**
- [629] A. Massol. Minimality of the system of seven equations for the category of finite sets. *Theoretical Computer Science*, 176(1–2):347–353, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=176&issue=1-2&aid=2444. ■
- Mislove:1997:F**
- [630] Michael W. Mislove and David A. Schmidt. Foreword. *Theoretical Computer Science*, 176(1–2):355–356, April 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). ■

- puter Science*, 177(1):1, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2433
- Anderson:1997:RAF**
- [631] S. O. Anderson and A. J. Power. A representable approach to finite nondeterminism. *Theoretical Computer Science*, 177(1):3–25, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2434
- Brauner:1997:GAR**
- [632] Torben Braüner. A general adequacy result for a linear functional language. *Theoretical Computer Science*, 177(1):27–58, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2435
- Bucciarelli:1997:DPC**
- [633] Antonio Bucciarelli. Degrees of parallelism in the continuous type hierarchy. *Theoretical Computer Science*, 177(1):59–71, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2436
- Cockett:1997:CPC**
- [634] J. R. B. Cockett and David A. Spooner. Constructing process categories. *Theoretical Computer Science*, 177(1):73–109, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2437
- Flagg:1997:CSR**
- [635] Bob Flagg and Ralph Kopperman. Continuity spaces: Reconciling domains and metric spaces. *Theoretical Computer Science*, 177(1):111–138, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2438
- Nolte:1997:AFS**
- [636] Doris Nolte and Lutz Priese. Abstract fairness and semantics. *Theoretical Computer Science*, 177(1):139–153, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2439
- Zhang:1997:DDT**
- [637] Guo-Qiang Zhang and William C. Rounds. Defaults in domain theory. *Theoretical Computer Science*, 177(1):155–182, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2440

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2440. ■
- Leavens:1997:BRA**
- [638] Gray T. Leavens and Don Pigozzi. The behavior-realization adjunction and generalized homomorphic relations. *Theoretical Computer Science*, 177(1):183–216, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2441. ■
- Esik:1997:CPI**
- [639] Z. Ésik. Completeness of Park induction. *Theoretical Computer Science*, 177(1):217–283, April 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=1&aid=2442. ■
- Ponse:1997:P**
- [640] Alban Ponse, Chris Verhoef, and Bas van Vlijmen. Preface. *Theoretical Computer Science*, 177(2):285–286, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2451. ■
- Vrancken:1997:ACP**
- [641] J. L. M. Vrancken. The algebra of communicating processes with empty process. *Theoretical Computer Science*, 177(2):287–328, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2452. ■
- vanGlabbeek:1997:NMC**
- [642] R. J. van Glabbeek. Notes on the methodology of CCS and CSP. *Theoretical Computer Science*, 177(2):329–349, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2453. ■
- DArgenio:1997:GCE**
- [643] Pedro R. D’Argenio and Chris Verhoef. A general conservative extension theorem in process algebras with inequalities. *Theoretical Computer Science*, 177(2):351–380, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2506. ■
- Baeten:1997:PAP**
- [644] J. C. M. Baeten and J. A. Bergstra. Process algebra with propositional signals. *Theoretical Computer Science*, 177(2):381–405, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/. ■

- `browse.cgi?year=1997&volume=177&issue=2&aid=2455.`
- Fokkink:1997:TME**
- [645] Wan Fokkink and Hans Zantema. Termination module equations by abstract commutation with an application to iteration. *Theoretical Computer Science*, 177(2):407–423, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2456. ■
- vanWamel:1997:PAL**
- [646] Jos van Wamel. Process algebra with language matching. *Theoretical Computer Science*, 177(2):425–458, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2457. ■
- Fredlund:1997:FVL**
- [647] Lars åke Fredlund, Jan Friso Groote, and Henri Korver. Formal verification of a leader election protocol in process algebra. *Theoretical Computer Science*, 177(2):459–486, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2458. ■
- Bezem:1997:TFS**
- [648] Marc Bezem and Alban Ponse. Two finite specifications of a queue. *Theoretical Computer Science*, 177(2):487–507, May 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=177&issue=2&aid=2459. ■
- Chang:1997:RED**
- [649] Chia-Hsiang Chang and Robert Paige. From regular expressions to DFA’s using compressed NFA’s. *Theoretical Computer Science*, 178(1–2):1–36, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2343. ■
- Clore:1997:NSR**
- [650] P. Clore. Nondeterministic stack register machines. *Theoretical Computer Science*, 178(1–2):37–76, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2251. ■
- Cattaneo:1997:MRS**
- [651] G. Cattaneo and C. Quaranta Vogliotti. The “magic” rule spaces of neural-like elementary cellular automata. *Theoretical Computer Science*, 178(1–2):77–102, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2253. ■

Atkinson:1997:PGT

- [652] M. D. Atkinson, M. J. Livesey, and D. Tulley. Permutations generated by token passing in graphs. *Theoretical Computer Science*, 178(1–2):103–118, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2259.■

Munier:1997:UDS

- [653] A. Munier and C. Hanen. Using duplication for scheduling unitary tasks on m processors with unit communication delays. *Theoretical Computer Science*, 178(1–2):119–127, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2260.■

Kucherov:1997:MSS

- [654] Gregory Kucherov and Michaël Rusinowitch. Matching a set of strings with variable length don't cares. *Theoretical Computer Science*, 178(1–2):129–154, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2297.■

Strauss:1997:NNS

- [655] Martin Strauss. Normal numbers and sources for BPP. *Theoretical Computer Science*, 178(1–2):155–169, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (elec-

tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2302.■

Berstel:1997:SWL

- [656] Jean Berstel and Aldo de Luca. Sturmian words, Lyndon words and trees. *Theoretical Computer Science*, 178(1–2):171–203, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2304.■

deLuca:1997:SSM

- [657] Aldo de Luca. Standard Sturmian morphisms. *Theoretical Computer Science*, 178(1–2):205–224, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2256.■

Damaschke:1997:OPA

- [658] Peter Damaschke. An optimal parallel algorithm for digital curve segmentation. *Theoretical Computer Science*, 178(1–2):225–236, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2430.■

Browne:1997:IAE

- [659] A. Browne, E. M. Clarke, S. Jha, D. E. Long, and W. Marrero. An improved

- algorithm for the evaluation of fix-point expressions. *Theoretical Computer Science*, 178(1–2):237–255, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2431. Higgins:1997:PST
- [660] Peter M. Higgins. A proof of Simon’s theorem on piecewise testable languages. *Theoretical Computer Science*, 178(1–2):257–264, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2413. Kopidakis:1997:ASS
- [661] Y. Kopidakis and V. Zissimopoulos. An approximation scheme for scheduling independent jobs into subcubes of a hypercube of fixed dimension. *Theoretical Computer Science*, 178(1–2):265–273, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2484. Latteux:1997:RPL
- [662] Michel Latteux and David Simplot. Recognizable picture languages and domino tiling. *Theoretical Computer Science*, 178(1–2):275–283, May 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>. cas_sub/browse/browse.cgi?year=1997&volume=178&issue=1-2&aid=2485. Bloom:1997:ELF
- [663] Stephen L. Bloom and Zoltán Ésik. The equational logic of fixed points. *Theoretical Computer Science*, 179(1–2):1–60, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2450. Keesmaat:1997:RRV
- [664] N. W. Keesmaat and H. C. M. Kleijn. Restrictions and representations of vector controlled concurrent system behaviours. *Theoretical Computer Science*, 179(1–2):61–102, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2308. Doornbos:1997:CAM
- [665] Henk Doornbos, Roland Backhouse, and Jaap van der Woude. A calculational approach to mathematical induction. *Theoretical Computer Science*, 179(1–2):103–135, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2357. Berline:1997:DSM
- [666] Chantal Berline and Klaus Grue. A κ -denotational semantics for map the-

- ory in ZFC + SI. *Theoretical Computer Science*, 179(1–2):137–202, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2502. ■
- Castellani:1997:PPE**
- [667] Ilaria Castellani and Guo-Qiang Zhang. Parallel product of event structures. *Theoretical Computer Science*, 179(1–2):203–215, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2307. ■
- Baier:1997:TS**
- [668] Christel Baier. Trees and semantics. *Theoretical Computer Science*, 179(1–2):217–250, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2310. ■
- Gruska:1997:SDS**
- [669] Jozef Gruska, Angelo Monti, Margherita Napoli, and Domenico Parente. Succinctness of descriptions of SBTA-languages. *Theoretical Computer Science*, 179(1–2):251–271, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2336. ■
- Alagic:1997:OSM**
- [670] Suad Alagić and Mara Alagić. Order-sorted model theory for temporal executable specifications. *Theoretical Computer Science*, 179(1–2):273–299, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2337. ■
- Yen:1997:REB**
- [671] Hsu-Chun Yen. On reachability equivalence for BPP-nets. *Theoretical Computer Science*, 179(1–2):301–317, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2350. ■
- Sigstam:1997:RLC**
- [672] Inger Sigstam and Viggo Stoltenberg-Hansen. Representability of locally compact regular spaces by domains and formal spaces. *Theoretical Computer Science*, 179(1–2):319–331, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2355. ■
- Lamport:1997:PEB**
- [673] Leslie Lamport. Processes are in the eye of the beholder. *Theoretical Computer Science*, 179(1–2):333–351, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2356. ■

- [com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2356](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2356)■
- Gurevich:1997:EEB**
- [674] Yuri Gurevich and James K. Higgins. Equivalence is in the eye of the beholder. *Theoretical Computer Science*, 179(1–2):353–380, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2516■
- Ibarra:1997:PCL**
- [675] Oscar H. Ibarra, Nicholas Q. Tran, and Tao Yang. On the parallel complexity of loops. *Theoretical Computer Science*, 179(1–2):381–395, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2396■
- Eloranta:1997:ETB**
- [676] Jaana Eloranta, Martti Tienari, and Antti Valmari. Essential transitions to bisimulation equivalences. *Theoretical Computer Science*, 179(1–2):397–419, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2483■
- Koslowski:1997:NFA**
- [677] Jürgen Koslowski. Note on free algebras over continuous domains. *Theoretical Computer Science*, 179(1–2):421–425, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2489■
- Duntsch:1997:LRS**
- [678] Ivo Düntsch. A logic for rough sets. *Theoretical Computer Science*, 179(1–2):427–436, June 01, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=179&issue=1-2&aid=2536■
- Madonia:1997:SDP**
- [679] Marina Madonia and Stefano Varricchio. Some decisional problems on rational relations. *Theoretical Computer Science*, 180(1–2):1–15, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2301■
- Arvind:1997:SBB**
- [680] V. Arvind and N. V. Vinodchandran. Solvable black-box group problems are low for PP. *Theoretical Computer Science*, 180(1–2):17–45, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2303■

Hosaka:1997:SOB

- [681] K. Hosaka, Y. Takenaga, T. Kaneda, and S. Yajima. Size of ordered binary decision diagrams representing threshold functions. *Theoretical Computer Science*, 180(1–2):47–60, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2305. ■

Bassino:1997:NCM

- [682] Frédérique Bassino. Nonnegative companion matrices and star-height of N-rational series. *Theoretical Computer Science*, 180(1–2):61–80, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2309. ■

Garel:1997:SMI

- [683] E. Garel. Séparateurs dans les mots infinis engendrés par morphismes. (French) [Separators in infinite words generated by morphisms]. *Theoretical Computer Science*, 180(1–2):81–113, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2312. ■

Sagot:1997:MSC

- [684] Marie-France Sagot, Alain Viari, and Henri Soldano. Multiple sequence comparison — A peptide matching approach. *Theoretical Computer*

Science, 180(1–2):115–137, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2340. ■

Yamamoto:1997:PAR

- [685] Hiroaki Yamamoto. On the power of alternation on reversal-bounded alternating Turing machines with a restriction. *Theoretical Computer Science*, 180(1–2):139–154, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2346. ■

Chen:1997:LCF

- [686] Zhixiang Chen and Steven Homer. Learning counting functions with queries. *Theoretical Computer Science*, 180(1–2):155–168, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2347. ■

Shen:1997:EEA

- [687] Hong Shen and Weifa Liang. Efficient enumeration of all minimal separators in a graph. *Theoretical Computer Science*, 180(1–2):169–180, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2351. ■

Pomerance:1997:AID

- [688] Carl Pomerance, John Michael Robson, and Jeffrey Shallit. Automaticity II: Descriptive complexity in the unary case. *Theoretical Computer Science*, 180(1–2):181–201, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2360. ■

Leung:1997:UUM

- [689] Vitus J. Leung. The undecidability of the unrestricted modified edit distance. *Theoretical Computer Science*, 180(1–2):203–215, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2399. ■

Grigoriev:1997:TSE

- [690] D. Grigoriev. Testing shift-equivalence of polynomials by deterministic, probabilistic and quantum machines. *Theoretical Computer Science*, 180(1–2):217–228, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2400. ■

Matamala:1997:ACA

- [691] Martín Matamala. Alternation on cellular automata. *Theoretical Computer Science*, 180(1–2):229–241, June 10, 1997. CODEN TCSCDI. ISSN

0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2417. ■

Andreev:1997:OBA

- [692] Alexander E. Andreev, Andrea E. F. Clementi, and José D. P. Rolim. Optimal bounds for the approximation of Boolean functions and some applications. *Theoretical Computer Science*, 180(1–2):243–268, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2420. ■

Giakoumakis:1997:ERE

- [693] Vassilis Giakoumakis and Jean-Marie Vanherpe. On extended P_4 -reducible and extended P_4 -sparse graphs. *Theoretical Computer Science*, 180(1–2):269–286, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2423. ■

Codenotti:1997:PAC

- [694] Bruno Codenotti, Biswa N. Datta, Karabi Datta, and Mauro Leoncini. Parallel algorithms for certain matrix computations. *Theoretical Computer Science*, 180(1–2):287–308, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>

- [cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2446](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2446) ■
- Karpinski:1997:CCO**
- [695] Marek Karpinski, Lawrence L. Larimore, and Wojciech Rytter. Correctness of constructing optimal alphabetic trees revisited. *Theoretical Computer Science*, 180(1–2):309–324, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2496 ■
- Peladeau:1997:FSV**
- [696] Pierre Péladeau, Howard Straubing, and Denis Thérien. Finite semigroup varieties defined by programs. *Theoretical Computer Science*, 180(1–2):325–339, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2497 ■
- Kudlek:1997:DC**
- [697] Manfred Kudlek and Alexandru Matescu. On distributed catenation. *Theoretical Computer Science*, 180(1–2):341–352, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2486 ■
- Dassow:1997:CCF**
- [698] Jürgen Dassow and Victor Mitrana. Cooperation in context-free gram-
- mars. *Theoretical Computer Science*, 180(1–2):353–361, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2532 ■
- Sirvent:1997:SDS**
- [699] Víctor F. Sirvent. On some dynamical subsets of the Rauzy fractal. *Theoretical Computer Science*, 180(1–2):363–370, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2533 ■
- David:1997:SPO**
- [700] René David and Karim Nour. A syntactical proof of the operational equivalence of two λ -terms. *Theoretical Computer Science*, 180(1–2):371–375, June 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=180&issue=1-2&aid=2540 ■
- Anonymous:1997:MIV**
- [701] Anonymous. Master index volumes 171–180. *Theoretical Computer Science*, 180(1–2):379–??, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Baeza-Yates:1997:P**
- [702] Ricardo Baeza-Yates and Eric Goles. Preface. *Theoretical Computer Science*, 181(1):1–2, July 15, 1997. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2460. ■
- Asano:1997:SFC**
- [703] Tetsuo Asano, Desh Ranjan, Thomas Roos, Emo Welzl, and Peter Widmayer. Space-filling curves and their use in the design of geometric data structures. *Theoretical Computer Science*, 181(1):3–15, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2461. ■
- Bruyere:1997:BNS**
- [704] Véronique Bruyère and Georges Hansel. Bertrand numeration systems and recognizability. *Theoretical Computer Science*, 181(1):17–43, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2462. ■
- Chaudhuri:1997:PRR**
- [705] Shiva Chaudhuri and Devdatt Dubhashi. Probabilistic recurrence relations revisited. *Theoretical Computer Science*, 181(1):45–56, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2463. ■
- Fernandez-Baca:1997:LTA**
- [706] David Fernández-Baca and Giora Slutzki. Linear-time algorithms for parametric minimum spanning tree problems on planar graphs. *Theoretical Computer Science*, 181(1):57–74, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2464. ■
- Feuerstein:1997:PMT**
- [707] Esteban Feuerstein. Paging more than one page. *Theoretical Computer Science*, 181(1):75–90, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2465. ■
- deFigueiredo:1997:ECI**
- [708] Celina M. H. de Figueiredo, João Meidanis, and Célia Picinin de Mello. On edge-colouring indifference graphs. *Theoretical Computer Science*, 181(1):91–106, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2466. ■
- Galbiati:1997:ASM**
- [709] Giulia Galbiati, Angelo Morzenti, and Francesco Maffioli. On the approximability of some Maximum Spanning Tree Problems. *Theoretical Computer Science*, 181(1):107–118, July

- 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2467 ■
- Gasarch:1997:BSR**
- [710] William I. Gasarch and Katia S. Guimaraes. Binary search and recursive graph problems. *Theoretical Computer Science*, 181(1):119–139, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2468 ■
- Herzog:1997:PAB**
- [711] Christian Herzog. Pushdown automata with bounded nondeterminism and bounded ambiguity. *Theoretical Computer Science*, 181(1):141–157, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2469 ■
- Lopresti:1997:BEM**
- [712] Daniel Lopresti and Andrew Tomkins. Block edit models for approximate string matching. *Theoretical Computer Science*, 181(1):159–179, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2470 ■
- Prodinger:1997:PYM**
- [713] Helmut Prodinger. On a problem of Yekutieli and Mandelbrot about the bifurcation ratio of binary trees. *Theoretical Computer Science*, 181(1):181–194, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2471 ■
- Wang:1997:TLR**
- [714] Farn Wang. A temporal logic for real-time partial ordering with named transactions. *Theoretical Computer Science*, 181(1):195–225, July 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=1&aid=2472 ■
- Du:1997:F**
- [715] Dingzhu Du and Ming Li. Foreword. *Theoretical Computer Science*, 181(2):227, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2473.
- Belanger:1997:NNP**
- [716] Jay Belanger and Jie Wang. No NP problems averaging over ranking of distributions are harder. *Theoretical Computer Science*, 181(2):229–245, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2474 ■

- com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2474■ Chen:1997:AGE
- [717] Jianer Chen. Algorithmic graph embeddings. *Theoretical Computer Science*, 181(2):247–266, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2475■ Diaz:1997:PAM
- [718] Josep Díaz, Alan Gibbons, Grammati E. Pantziou, Maria J. Serna, Paul G. Spirakis, and Jacobo Toran. Parallel algorithms for the minimum cut and the minimum length tree layout problems. *Theoretical Computer Science*, 181(2):267–287, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2476■ Kobayashi:1997:TPM
- [719] Kojiro Kobayashi. Transformations that preserve malignness of universal distributions. *Theoretical Computer Science*, 181(2):289–306, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2477■ Lingas:1997:MTP
- [720] Andrzej Lingas. Maximum tree-packing in time $O(n^5/2)$. *Theoretical Computer Science*, 181(2):307–316, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2478■ Sakurai:1997:PPK
- [721] Kouichi Sakurai. Practical proofs of knowledge without relying on theoretical proofs of membership on languages. *Theoretical Computer Science*, 181(2):317–335, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2479■ Tromp:1997:SWB
- [722] John Tromp, Louxin Zhang, and Ying Zhao. Small weight bases for Hamming codes. *Theoretical Computer Science*, 181(2):337–345, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2480■ Wan:1997:CAC
- [723] Peng-Jun Wan, Qifan Yang, and Dean Kelley. A $(3/2)\log 3$ -competitive algorithm for the counterfeit coin problem. *Theoretical Computer Science*, 181(2):347–356, July 30, 1997. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2481. ■
- Yu:1997:STT**
- [724] Xiangdong Yu and Moti Yung. Scheduling task-trees with additive scales on parallel/distributed machines. *Theoretical Computer Science*, 181(2):357–378, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2482. ■
- Krumke:1997:CLP**
- [725] S. O. Krumke, M. V. Marathe, H. Noltemeier, V. Radhakrishnan, S. S. Ravi, and D. J. Rosenkrantz. Compact location problems. *Theoretical Computer Science*, 181(2):379–404, July 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=181&issue=2&aid=2504. ■
- Czech:1997:PH**
- [726] Zbigniew J. Czech, George Havas, and Bohdan S. Majewski. Perfect hashing. *Theoretical Computer Science*, 182(1–2):1–143, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2349. ■
- Atkinson:1997:BCP**
- [727] M. D. Atkinson and D. Tulley. Bounded capacity priority queues. *Theoretical Computer Science*, 182(1–2):145–157, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2352. ■
- Abello:1997:CPS**
- [728] James Abello and Shlomi Dolev. On the computational power of self-stabilizing systems. *Theoretical Computer Science*, 182(1–2):159–170, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2353. ■
- Gao:1997:WSN**
- [729] B. Gao and F. K. Hwang. Wide-sense nonblocking for multirate 3-stage Clos networks. *Theoretical Computer Science*, 182(1–2):171–182, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2354. ■
- Cadoli:1997:CRP**
- [730] Marco Cadoli, Francesco M. Donini, Marco Schaerf, and Riccardo Silvestri. On compact representations of propositional circumscription. *Theoretical Computer Science*, 182(1–2):183–202, August 15,

1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2395. ■
- Koole:1997:ASS**
- [731] Ger Koole. Assigning a single server to inhomogeneous queues with switching costs. *Theoretical Computer Science*, 182(1–2):203–216, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2398. ■
- Mundici:1997:OCS**
- [732] Daniele Mundici and Alberto Trombetta. Optimal comparison strategies in Ulam’s searching game with two errors. *Theoretical Computer Science*, 182(1–2):217–232, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2566. ■
- Bafna:1997:AAM**
- [733] Vineet Bafna, Eugene L. Lawler, and Pavel A. Pevzner. Approximation algorithms for multiple sequence alignment. *Theoretical Computer Science*, 182(1–2):233–244, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2559. ■
- Lam:1997:HFC**
- [734] Nguyen Huong Lam. Hajós factorizations and completion of codes. *Theoretical Computer Science*, 182(1–2):245–256, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2568. ■
- Botelho:1997:EBN**
- [735] Fernanda Botelho and Max Garzon. Erratum to “Boolean neural nets are observable” [Theoret. Comput. Sci. 134 (1994) 51–61]. *Theoretical Computer Science*, 182(1–2):257, August 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=182&issue=1-2&aid=2649. ■ See [2].
- Anonymous:1997:CEBb**
- [736] Anonymous. Contents EATCS Bulletin Number 61. *Theoretical Computer Science*, 182(1–2):259–??, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Anonymous:1997:CEBc**
- [737] Anonymous. Contents EATCS Bulletin Number 62. *Theoretical Computer Science*, 182(1–2):263–??, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Rozenberg:1997:C**
- [738] G. Rozenberg and A. Salomaa. Contributions. *Theoretical Computer Sci-*

- ence*, 183(1):1–??, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Rozenberg:1997:P**
- [739] Grzegorz Rozenberg and Arto Salomaa. Preface. *Theoretical Computer Science*, 183(1):1, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2507. ■
- Ito:1997:IDC**
- [740] Masami Ito, Lila Kari, and Gabriel Thierrin. Insertion and deletion closure of languages. *Theoretical Computer Science*, 183(1):3–19, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2508. ■
- Raz:1997:LCC**
- [741] Danny Raz. Length considerations in context-free languages. *Theoretical Computer Science*, 183(1):21–32, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2509. ■
- Ilie:1997:CCC**
- [742] Lucian Ilie. On computational complexity of contextual languages. *Theoretical Computer Science*, 183(1):33–44, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2510. ■
- deLuca:1997:SWS**
- [743] Aldo de Luca. Sturmian words: Structure, combinatorics, and their arithmetics. *Theoretical Computer Science*, 183(1):45–82, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2511. ■
- Choffrut:1997:NDQ**
- [744] C. Choffrut, T. Harju, and J. Karhumäki. A note on decidability questions on presentations of word semigroups. *Theoretical Computer Science*, 183(1):83–92, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2512.
- Maler:1997:SCL**
- [745] Oded Maler and Ludwig Staiger. On syntactic congruences for ω -languages. *Theoretical Computer Science*, 183(1):93–112, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2513. ■

Honkala:1997:LAP

- [746] Juha Honkala and Werner Kuich. On Lindenmayerian algebraic power series. *Theoretical Computer Science*, 183(1):113–142, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2514.

Honkala:1997:LAS

- [747] Juha Honkala. On Lindenmayerian algebraic sequences. *Theoretical Computer Science*, 183(1):143–154, August 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=1&aid=2515.

Alagar:1997:F

- [748] V. S. Alagar. Foreword. *Theoretical Computer Science*, 183(2):155–156, September 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2523.

Haxthausen:1997:OSA

- [749] Anne Elisabeth Haxthausen. Order-sorted algebraic specifications with higher-order functions. *Theoretical Computer Science*, 183(2):157–185, September 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/>

[tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2524](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2524).

Montanari:1997:TSM

- [750] Angelo Montanari and Maarten de Rijke. Two-sorted metric temporal logics. *Theoretical Computer Science*, 183(2):187–214, September 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2525.

Dam:1997:DPE

- [751] Mads Dam. On the decidability of process equivalences for the pi-calculus. *Theoretical Computer Science*, 183(2):215–228, September 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2526.

Cheng:1997:PNT

- [752] Allan Cheng. Petri nets, traces, and local model checking. *Theoretical Computer Science*, 183(2):229–251, September 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2527.

Collette:1997:FMR

- [753] Pierre Collette and Edgar Knapp. A foundation for modular reasoning about safety and progress properties of state-based concurrent pro-

- grams. *Theoretical Computer Science*, 183(2):253–279, September 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2528. ■
- Falaschi:1997:CCC**
- [754] Moreno Falaschi, Maurizio Gabbrielli, Kim Marriott, and Catuscia Palamidessi. Confluence in concurrent constraint programming. *Theoretical Computer Science*, 183(2):281–315, September 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=183&issue=2&aid=2529. ■
- Brogi:1997:UVL**
- [755] Antonio Brogi, Evelina Lamma, Paolo Mancarella, and Paola Mello. A unifying view for logic programming with non-monotonic reasoning. *Theoretical Computer Science*, 184(1–2):1–59, September 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2425. ■
- Wagner:1997:LCC**
- [756] Kim Ritter Wagner. Liminf convergence in Ω -categories. *Theoretical Computer Science*, 184(1–2):61–104, September 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2345. ■
- tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2426.
- Andrews:1997:LSD**
- [757] James Andrews. A logical semantics for depth-first Prolog with ground negation. *Theoretical Computer Science*, 184(1–2):105–143, September 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2341. ■
- Burmeister:1997:ATU**
- [758] P. Burmeister, F. Rossello, J. Torrens, and G. Valiente. Algebraic transformation of unary partial algebras. I. Double-pushout approach. *Theoretical Computer Science*, 184(1–2):145–193, September 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2342. ■
- Su:1997:DCO**
- [759] Jianwen Su. Dynamic constraints and object migration. *Theoretical Computer Science*, 184(1–2):195–236, September 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2345.

- Lacoste:1997:LP**
- [760] Thierry Lacoste. 0–1 laws by preservation. *Theoretical Computer Science*, 184(1–2):237–245, September 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2622. ■
- Pierce:1997:CHO**
- [761] Benjamin Pierce and Martin Steffen. Corrigendum to “Higher-order subtyping” [Theoret. Comput. Sci. 176(1–2) (1997) 235–282]. *Theoretical Computer Science*, 184(1–2):247, September 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=184&issue=1-2&aid=2648. ■
See [625].
- Zeugmann:1997:F**
- [762] Thomas Zeugmann. Foreword. *Theoretical Computer Science*, 185(1):1, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2548. ■
- Kececioglu:1997:IDS**
- [763] John Kececioglu, Ming Li, and John Tromp. Inferring a DNA sequence from erroneous copies. *Theoretical Computer Science*, 185(1):3–13, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2549. ■
- Sakakibara:1997:RAG**
- [764] Yasubumi Sakakibara. Recent advances of grammatical inference. *Theoretical Computer Science*, 185(1):15–45, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2550. ■
- Arimura:1997:LUT**
- [765] Hiroki Arimura, Hiroki Ishizaka, and Takeshi Shinohara. Learning unions of tree patterns using queries. *Theoretical Computer Science*, 185(1):47–62, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2551. ■
- Koshiba:1997:LDE**
- [766] Takeshi Koshiba, Erkki Mäkinen, and Yuji Takada. Learning deterministic even linear languages from positive examples. *Theoretical Computer Science*, 185(1):63–79, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2552. ■

- Meyer:1997:PLL**
- [767] Léa Meyer. Probabilistic language learning under monotonicity constraints. *Theoretical Computer Science*, 185(1):81–128, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2553. ■
- Stephan:1997:NIO**
- [768] Frank Stephan. Noisy inference and oracles. *Theoretical Computer Science*, 185(1):129–157, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2554. ■
- Auer:1997:LND**
- [769] Peter Auer. Learning nested differences in the presence of malicious noise. *Theoretical Computer Science*, 185(1):159–175, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2555. ■
- Takimoto:1997:LOH**
- [770] Eiji Takimoto, Akira Miyashiro, Akira Maruoka, and Yoshifumi Sakai. Learning orthogonal F-Horn formulas. *Theoretical Computer Science*, 185(1):177–190, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2580. ■
- Jay:1997:CT**
- [774] C. Barry Jay. Covariant types. *Theoretical Computer Science*, 185(2):237–258, October 20, 1997. CODEN
- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2556. ■
- Rao:1997:FIL**
- [771] M. R. K. Krishna Rao. A framework for incremental learning of logic programs. *Theoretical Computer Science*, 185(1):191–213, October 10, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=1&aid=2557. ■
- Staples:1997:P**
- [772] John Staples. Preface. *Theoretical Computer Science*, 185(2):215, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2579. ■
- Albrecht:1997:NCH**
- [773] David Albrecht, John N. Crossley, and John S. Jeavons. New Curry–Howard terms for full linear logic. *Theoretical Computer Science*, 185(2):217–235, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2580. ■

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2581.
- Lin:1997:FDQ**
- [775] Xuemin Lin. A fully distributed quorum consensus method with high fault-tolerance and low communication overhead. *Theoretical Computer Science*, 185(2):259–275, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2582.
- Mason:1997:FOL**
- [776] Ian A. Mason. A first order logic of effects. *Theoretical Computer Science*, 185(2):277–318, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2583.
- Orgun:1997:MDL**
- [777] Mehmet A. Orgun and Weichang Du. Multi-dimensional logic programming: Theoretical foundations. *Theoretical Computer Science*, 185(2):319–345, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2584.
- Pantziou:1997:MMR**
- [778] Grammati E. Pantziou, Alan Roberts, and Antonios Symvonis. Many-to-many routing on trees via matchings. *Theoretical Computer Science*, 185(2):347–377, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2585.
- Vincent:1997:CDR**
- [779] Millist W. Vincent. A corrected 5NF definition for relational database design. *Theoretical Computer Science*, 185(2):379–391, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2586.
- Weibel:1997:OSR**
- [780] Trudy Weibel. An order-sorted resolution in theory and practice. *Theoretical Computer Science*, 185(2):393–410, October 20, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=185&issue=2&aid=2587.
- Anonymous:1997:AIV**
- [781] Anonymous. Author index volume 185. *Theoretical Computer Science*, 185(2):411–??, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- Malgouyres:1997:DSN**
- [782] Rémy Malgouyres. A definition of surfaces of Z^3 : a new 3D discrete Jordan theorem. *Theoretical Computer Science*, 186(1–2):1–41, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2416. ■
- Taentzer:1997:PHL**
- [783] Gabriele Taentzer. Parallel high-level replacement systems. *Theoretical Computer Science*, 186(1–2):43–81, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2418. ■
- Leiss:1997:SSE**
- [784] Ernst L. Leiss. Solving systems of explicit language relations. *Theoretical Computer Science*, 186(1–2):83–105, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2421. ■
- Badouel:1997:SPE**
- [785] Eric Badouel, Luca Bernardinello, and Philippe Darondeau. The synthesis problem for elementary net systems is NP-complete. *Theoretical Computer Science*, 186(1–2):107–134, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2487. ■
- Flammini:1997:DBR**
- [786] Doron Peled. On projective and separable properties. *Theoretical Computer Science*, 186(1–2):135–156, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2428. ■
- Kim:1997:HEF**
- [787] Changwook Kim. A hierarchy of eNCE families of graph languages. *Theoretical Computer Science*, 186(1–2):157–169, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2429. ■
- Flammini:1997:DBR**
- [788] Michele Flammini and Giorgio Gambosi. On devising Boolean Routing Schemes. *Theoretical Computer Science*, 186(1–2):171–198, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2487. ■
- Afek:1997:LDP**
- [789] Yehuda Afek, Shay Kutten, and Moti Yung. The local detection

- paradigm and its applications to self-stabilization. *Theoretical Computer Science*, 186(1–2):199–230, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2488. ■
- Ohlebusch:1997:EPP**
- [790] Enno Ohlebusch and Esko Ukkonen. On the equivalence problem for E-pattern languages. *Theoretical Computer Science*, 186(1–2):231–248, October 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=186&issue=1-2&aid=2491. ■
- Anonymous:1997:CAR**
- [791] Anonymous. Computer algebra. 5th Rhine Workshop (RWCA). *Theoretical Computer Science*, 187(1–2):??, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Calmet:1997:F**
- [792] Jacques Calmet and Alain Carrière. Foreword. *Theoretical Computer Science*, 187(1–2):1, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2588. ■
- Geiselman:1997:CTO**
- [793] Willi Geiselman and Felix Ulmer. Constructing a third-order linear differential equation. *Theoretical Computer Science*, 187(1–2):3–6, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2589. ■
- Hubert:1997:DDB**
- [794] Evelyne Hubert. Detecting degenerate behaviors in first order algebraic differential equations. *Theoretical Computer Science*, 187(1–2):7–25, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2590. ■
- Fakler:1997:SOH**
- [795] Winfried Fakler. On second order homogeneous linear differential equations with Liouvillian solutions. *Theoretical Computer Science*, 187(1–2):27–48, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2591. ■
- Thomas:1997:PDS**
- [796] G. Thomas. The problem of defining the singular points of quasi-linear differential-algebraic systems. *Theoretical Computer Science*, 187(1–2):49–79, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse..

- cgi?year=1997&volume=187&issue=1-2&aid=2592.
- Pflugel:1997:LVD**
- [797] E. Pflügel. On the latest version of DESIR-II. *Theoretical Computer Science*, 187(1–2):81–86, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2593.
- Scheen:1997:IPT**
- [798] Christian Scheen. Implementation of the Painlevé test for ordinary differential systems. *Theoretical Computer Science*, 187(1–2):87–104, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2594.
- Bernardin:1997:SFF**
- [799] Laurent Bernardin. On square-free factorization of multivariate polynomials over a finite field. *Theoretical Computer Science*, 187(1–2):105–116, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2595.
- deGraaf:1997:ADS**
- [800] W. A. de Graaf. An algorithm for the decomposition of semisimple Lie algebras. *Theoretical Computer Science*, 187(1–2):117–122, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2596.
- Makhlouf:1997:AAC**
- [801] Abdenacer Makhlouf. Algèbres associatives et calcul formel. (French) [Associative algebras and computer algebra]. *Theoretical Computer Science*, 187(1–2):123–145, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2597.
- Zenger:1997:IT**
- [802] Christoph Zenger. Indexed types. *Theoretical Computer Science*, 187(1–2):147–165, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2598.
- Mall:1997:CFP**
- [803] Daniel Mall. Covers and fans of polynomial ideals. *Theoretical Computer Science*, 187(1–2):167–178, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2599.
- Amrhein:1997:W**
- [804] Beatrice Amrhein, Oliver Gloor, and Wolfgang Küchlin. On the

- Walk. *Theoretical Computer Science*, 187(1–2):179–202, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2600.
Karczmarczuk:1997:GPL
- [805] Jerzy Karczmarczuk. Generating power of lazy semantics. *Theoretical Computer Science*, 187(1–2):203–219, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2601.
Calmet:1997:TMS
- [806] Jacques Calmet and Karsten Homann. Towards the Mathematics Software Bus. *Theoretical Computer Science*, 187(1–2):221–230, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2602.
Korelc:1997:AGF
- [807] Jože Korelc. Automatic generation of finite-element code by simultaneous optimization of expressions. *Theoretical Computer Science*, 187(1–2):231–248, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>
cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2603.
ElHamidi:1997:UMA
- [808] A. El Hamidi and M. Garbey. Using MAPLE for the analysis of bifurcation phenomena in gas combustion. *Theoretical Computer Science*, 187(1–2):249–262, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2604.
Carriere:1997:ADC
- [809] Alain Carrière and Louis-Rémi Oudin. Applications du calcul formel à la balistique. (French) [Applications of formal calculus to ballistics]. *Theoretical Computer Science*, 187(1–2):263–284, November 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=187&issue=1-2&aid=2605.
Nagaraj:1997:OBS
- [810] S. V. Nagaraj. Optimal binary search trees. *Theoretical Computer Science*, 188(1–2):1–44, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2521.
Heen:1997:LSC
- [811] Olivier Heen. Linear speed-up for cellular automata synchronizers and

- applications. *Theoretical Computer Science*, 188(1–2):45–57, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2414. ■
- Sen:1997:LBP**
- [812] Sandeep Sen. Lower bounds for parallel algebraic decision trees: parallel complexity of convex hulls and related problems. *Theoretical Computer Science*, 188(1–2):59–78, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2415. ■
- Romanik:1997:ATR**
- [813] Kathleen Romanik. Approximate testing and its relationship to learning. *Theoretical Computer Science*, 188(1–2):79–99, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2443. ■
- Regan:1997:GLL**
- [814] Kenneth W. Regan and Heribert Vollmer. Gap-languages and log-time complexity classes. *Theoretical Computer Science*, 188(1–2):101–116, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL [http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse](http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse). ■
- Grolmusz:1997:PCG**
- [815] Vince Grolmusz. On the power of circuits with gates of low L_1 norms. *Theoretical Computer Science*, 188(1–2):117–128, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2490. ■
- Goles:1997:CTR**
- [816] Eric Goles and Iván Rapaport. Complexity of tile rotation problems. *Theoretical Computer Science*, 188(1–2):129–159, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2493. ■
- Cerny:1997:SRI**
- [817] Anton Černý. On sequences resulting from iteration of modified quadratic and palindromic mappings. *Theoretical Computer Science*, 188(1–2):161–174, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2494. ■
- Freivalds:1997:KNM**
- [818] Rūsiņš Freivalds and Sanjay Jain. Kolmogorov numberings and minimal identification. *Theoretical Computer*

- Science*, 188(1–2):175–194, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2495. Allouche:1997:ADS
- [819] J.-P. Allouche, F. von Haeseler, H.-O. Peitgen, A. Petersen, and G. Skordev. Automaticity of double sequences generated by one-dimensional linear cellular automata. *Theoretical Computer Science*, 188(1–2):195–209, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2498. Gyuris:1997:SPR
- [820] Viktor Gyuris. A short proof of representability of fork algebras. *Theoretical Computer Science*, 188(1–2):211–220, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2499. Shen:1997:OAG
- [821] Hong Shen. Optimal algorithms for generalized searching in sorted matrices. *Theoretical Computer Science*, 188(1–2):221–230, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2563. Long:1997:SIO
- [822] Dong Yang Long, Jian Ma, and Duanling Zhou. Structure of 3-infix-outfix maximal codes. *Theoretical Computer Science*, 188(1–2):231–240, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2633. Liu:1997:ISA
- [823] Renren Liu. An improved Shell-sort algorithm. *Theoretical Computer Science*, 188(1–2):241–247, November 30, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=188&issue=1-2&aid=2636. Niwiński:1997:FPC
- [824] Damian Niwiński. Fixed point characterization of infinite behavior of finite-state systems. *Theoretical Computer Science*, 189(1–2):1–69, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2575. Bouge:1997:FVD
- [825] Luc Bougé, David Cachera, Yann Le Guyadec, Gil Utard, and Bernard Virot. Formal validation of data-parallel programs: a two-component

- assertional proof system for a simple language. *Theoretical Computer Science*, 189(1–2):71–107, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2577. ■
- Burkhard:1997:FCM**
- [826] Hans-Dieter Burkhard. Fairness and control in multi-agent systems. *Theoretical Computer Science*, 189(1–2):109–127, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2391. ■
- Eiter:1997:ALP**
- [827] Thomas Eiter, Georg Gottlob, and Nicola Leone. Abduction from logic programs: semantics and complexity. *Theoretical Computer Science*, 189(1–2):129–177, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2392. ■
- Bremond-Gregoire:1997:PAC**
- [828] Patrice Brémond-Grégoire and Insup Lee. A process algebra of communicating shared resources with dense time and priorities. *Theoretical Computer Science*, 189(1–2):179–219, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2432. ■
- Mezghiche:1997:MR**
- [829] Mohamed Mezghiche. $c\beta$ -machine with $\lambda\beta$ -reduction. *Theoretical Computer Science*, 189(1–2):221–228, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2576. ■
- Bergeron:1997:RBC**
- [830] Anne Bergeron. On the rational behaviors of concurrent timers. *Theoretical Computer Science*, 189(1–2):229–237, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2610. ■
- Cicerone:1997:CSM**
- [831] Serafino Cicerone and Francesco Parisi-Presicce. On the complexity of specification morphisms. *Theoretical Computer Science*, 189(1–2):239–248, December 15, 1997. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1997&volume=189&issue=1-2&aid=2642. ■
- Kirchner:1998:E**
- [832] H. Kirchner. Editorial. *Theoretical Computer Science*, 190(1):1–2, January 10, 1998. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/1/2617.pdf>.
- Fernandez:1998:INT**
- [833] Maribel Fernández and Ian Mackie. Interaction nets and term-rewriting systems. *Theoretical Computer Science*, 190(1):3–39, January 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/1/2618.pdf>.
- Kaivola:1998:AEC**
- [834] Roope Kaivola. Axiomatising extended computation tree logic. *Theoretical Computer Science*, 190(1):41–60, January 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/1/2619.pdf>.
- Lisper:1998:CUE**
- [835] Björn Lisper. Computing in unpredictable environments: semantics, reduction strategies, and program transformations. *Theoretical Computer Science*, 190(1):61–85, January 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/1/2620.pdf>.
- Cheng:1998:OMB**
- [836] Allan Cheng and Mogens Nielsen. Open maps, behavioural equivalences, and congruences. *Theoretical Computer Science*, 190(1):87–112, January 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/1/2621.pdf>.
- Gottlob:1998:F**
- [837] G. Gottlob and M. Y. Vardi. Foreword. *Theoretical Computer Science*, 190(2):113–??, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Bidoit:1998:FST**
- [838] N. Bidoit and S. De Amo. A first step towards implementing dynamic algebraic dependences. *Theoretical Computer Science*, 190(2):115–149, January 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2624.pdf>.
- Demetrovics:1998:APK**
- [839] J. Demetrovics, G. O. H. Katona, D. Miklos, O. Seleznjev, and B. Thalheim. Asymptotic properties of keys and functional dependencies in random databases. *Theoretical Computer Science*, 190(2):151–166, January 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2625.pdf>.
- Libkin:1998:MAD**
- [840] Leonid Libkin. Models of approximation in databases. *Theoretical Computer Science*, 190(2):167–210, January 20, 1998. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2626.pdf>.
- Lifschitz:1998:PVD**
- [841] Sérgio Lifschitz and Victor Vianu. A probabilistic view of Datalog parallelization. *Theoretical Computer Science*, 190(2):211–239, January 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2627.pdf>.
- Marek:1998:RP**
- [842] Victor W. Marek and Mirosław Truszczyński. Revision programming. *Theoretical Computer Science*, 190(2):241–277, January 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2628.pdf>.
- Suciuc:1998:DIQ**
- [843] Dan Suciu. Domain-independent queries on databases with external functions. *Theoretical Computer Science*, 190(2):279–315, January 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2629.pdf>.
- Tyszkiewicz:1998:KEP**
- [844] Jerzy Tyszkiewicz. The Kolmogorov expressive power of Boolean query languages. *Theoretical Computer Science*, 190(2):317–361, January 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2630.pdf>.
- Vingralek:1998:UCC**
- [845] R. Vingralek, H. Hasse-Ye, Y. Breitbart, and H.-J. Schek. Unifying concurrency control and recovery of transactions with semantically rich operations. *Theoretical Computer Science*, 190(2):363–396, January 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/190/2/2631.pdf>.
- Naudin:1998:UPF**
- [846] Patrice Naudin and Claude Quitté. Univariate polynomial factorization over finite fields. *Theoretical Computer Science*, 191(1–2):1–36, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2546.pdf>.
- Selivanov:1998:FHR**
- [847] Victor Selivanov. Fine hierarchy of regular ω -languages. *Theoretical Computer Science*, 191(1–2):37–59, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2501.pdf>.
- Frougny:1998:SDA**
- [848] Christiane Frougny and Jacques Sakarovitch. Synchronisation déterministe des automates à délai borné.

- (French) [Synchronisation of deterministic automata with bounded delay]. *Theoretical Computer Science*, 191(1–2):61–77, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2505.pdf>.
- Mihoubi:1998:CCP**
- [849] Douadi Mihoubi. Characterization and closure properties of linear ω -languages. *Theoretical Computer Science*, 191(1–2):79–95, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2517.pdf>.
- Downey:1998:PCC**
- [850] Rodney G. Downey, Michael R. Fellows, and Kenneth W. Regan. Parameterized circuit complexity and the W hierarchy. *Theoretical Computer Science*, 191(1–2):97–115, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2518.pdf>.
- Bruyere:1998:MOL**
- [851] Véronique Bruyère, Denis Derencourt, and Michel Latteux. The meet operation in the lattice of codes. *Theoretical Computer Science*, 191(1–2):117–129, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2519.pdf>.
- Breslauer:1998:STT**
- [852] Dany Breslauer. The suffix tree of a tree and minimizing sequential transducers. *Theoretical Computer Science*, 191(1–2):131–144, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2520.pdf>.
- Koscielski:1998:MAP**
- [853] Antoni Kościelski and Leszek Pacholski. Makanin’s algorithm is not primitive recursive. *Theoretical Computer Science*, 191(1–2):145–156, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2522.pdf>.
- Ferguson:1998:SCT**
- [854] Thomas S. Ferguson. Some chip transfer games. *Theoretical Computer Science*, 191(1–2):157–171, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2671.pdf>.
- Niemi:1998:SMC**
- [855] Valtteri Niemi and Ari Renvall. Secure multiparty computations without computers. *Theoretical Computer Science*, 191(1–2):173–183, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2643.pdf>.

Kautz:1998:IZO

- [856] Steven M. Kautz. An improved zero-one law for algorithmically random sequences. *Theoretical Computer Science*, 191(1–2):185–192, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2652.pdf>.

Eriksson:1998:MFT

- [857] Gerd Eriksson, Henrik Eriksson, and Kimmo Eriksson. Moving a food trolley around a corner. *Theoretical Computer Science*, 191(1–2):193–203, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2657.pdf>.

Middendorf:1998:SCS

- [858] Martin Middendorf. Shortest common superstrings and scheduling with co-ordinated starting times. *Theoretical Computer Science*, 191(1–2):205–214, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2669.pdf>.

Goldreich:1998:CIA

- [859] Oded Goldreich and Bernd Meyer. Computational indistinguishability: algorithms vs. circuits. *Theoretical Computer Science*, 191(1–2):215–218, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2698.pdf>.

Wang:1998:FDT

- [860] Jing Wang. Finite derivation type for semi-direct products of monoids. *Theoretical Computer Science*, 191(1–2):219–228, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2700.pdf>.

Angel:1998:ACG

- [861] E. Angel and V. Zissimopoulos. Auto-correlation coefficient for the graph bipartitioning problem. *Theoretical Computer Science*, 191(1–2):229–243, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2712.pdf>.

Beigel:1998:ASA

- [862] Richard Beigel, Bill Gasarch, Ming Li, and Louxin Zhang. Addition in $\log_2 n + O(1)$ steps on average: A simple analysis. *Theoretical Computer Science*, 191(1–2):245–248, January 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/191/1-2/2717.pdf>.

Hsiang:1998:F

- [863] Jieh Hsiang. Foreword. *Theoretical Computer Science*, 192(1):1, February 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/1/2678.pdf>.

Mayr:1998:HOR

- [864] Richard Mayr and Tobias Nipkow. Higher-order rewrite systems and their confluence. *Theoretical Computer Science*, 192(1):3–29, February 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/1/2679.pdf>.

Marchiori:1998:BM

- [865] Massimo Marchiori. Bubbles in modularity. *Theoretical Computer Science*, 192(1):31–54, February 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/1/2680.pdf>.

Senizergues:1998:PAT

- [866] Géraud Sénizergues. A polynomial algorithm testing partial confluence of basic semi-Thue systems. *Theoretical Computer Science*, 192(1):55–75, February 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/1/2681.pdf>.

Anantharaman:1998:RML

- [867] Siva Anantharaman and Gilles Richard. A rewrite mechanism for logic programs with negation. *Theoretical Computer Science*, 192(1):77–106, February 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/1/2682.pdf>.

Baader:1998:CCS

- [868] Franz Baader and Klaus U. Schulz. Combination of constraint solvers for free and quasi-free structures. *Theoretical Computer Science*, 192(1):107–161, February 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/1/2683.pdf>.

Gorrieri:1998:F

- [869] R. Gorrieri and C. Hankin. Foreword. *Theoretical Computer Science*, 192(2):163–??, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Busi:1998:PAV

- [870] Nadia Busi, Roberto Gorrieri, and Giandomenico Zavattaro. A process algebraic view of Linda coordination primitives. *Theoretical Computer Science*, 192(2):167–199, February 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/2/2685.pdf>.

Dami:1998:LCD

- [871] Laurent Dami. A lambda-calculus for dynamic binding. *Theoretical Computer Science*, 192(2):201–231, February 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/2/2686.pdf>.

Hankin:1998:RMT

- [872] Chris Hankin, Daniel Le Métayer, and David Sands. Refining multi-

- set transformers. *Theoretical Computer Science*, 192(2):233–258, February 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/2/2687.pdf>.
- Monteiro:1998:EBA**
- [873] Luís Monteiro and António Porto. Entailment-based actions for coordination. *Theoretical Computer Science*, 192(2):259–286, February 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/2/2688.pdf>.
- Mukherji:1998:PCB**
- [874] Manibrata Mukherji and Dennis Kafura. A process-calculus-based abstraction for coordinating multi-agent groups. *Theoretical Computer Science*, 192(2):287–314, February 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/2/2689.pdf>.
- Wegner:1998:IFC**
- [875] Peter Wegner. Interactive foundations of computing. *Theoretical Computer Science*, 192(2):315–351, February 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/192/2/2690.pdf>.
- Bonsangue:1998:GMS**
- [876] M. M. Bonsangue, F. van Breugel, and J. J. M. M. Rutten. Generalized metric spaces: completion, topology, and power domains via the Yoneda embedding. *Theoretical Computer Science*, 193(1–2):1–51, February 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2578.pdf>.
- Edalat:1998:CMM**
- [877] Abbas Edalat and Reinhold Heckmann. A computational model for metric spaces. *Theoretical Computer Science*, 193(1–2):53–73, February 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2445.pdf>.
- Ghelli:1998:BEM**
- [878] Giorgio Ghelli and Benjamin Pierce. Bounded existentials and minimal typing. *Theoretical Computer Science*, 193(1–2):75–96, February 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2500.pdf>.
- Manabe:1998:ASG**
- [879] Yoshifumi Manabe, Roberto Baldoni, Michel Raynal, and Shigemi Aoyagi. *k*-arbiter: A safe and general scheme for *h*-out-of-*k* mutual exclusion. *Theoretical Computer Science*, 193(1–2):97–112, February 28, 1998. CODEN TC-

- SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2503.pdf>.
- Alessi:1998:CDB**
- [880] Fabio Alessi and Paolo Baldan. A characterization of distance between 1-bounded compact ultrametric spaces through a universal space. *Theoretical Computer Science*, 193(1-2):113–127, February 28, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2537.pdf>.
- Esbelin:1998:RRP**
- [881] Henri-Alex Esbelin and Malika More. Rudimentary relations and primitive recursion: A toolbox. *Theoretical Computer Science*, 193(1-2):129–148, February 28, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2538.pdf>.
- Ross:1998:FAC**
- [882] Kenneth A. Ross, Divesh Srivastava, Peter J. Stuckey, and S. Sudarshan. Foundations of aggregation constraints. *Theoretical Computer Science*, 193(1-2):149–179, February 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2547.pdf>.
- Drakengren:1998:DCR**
- [883] Thomas Drakengren. A decidable canonical representation of the compact elements in Scott’s reflexive domain in Pw . *Theoretical Computer Science*, 193(1-2):181–195, February 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2574.pdf>.
- Rabinovich:1998:TTL**
- [884] A. Rabinovich. On translations of temporal logic of actions into monadic second-order logic. *Theoretical Computer Science*, 193(1-2):197–214, February 28, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2611.pdf>.
- Cadoli:1998:CDE**
- [885] Marco Cadoli and Luigi Palopoli. Circumscribing DATALOG: expressive power and complexity. *Theoretical Computer Science*, 193(1-2):215–244, February 28, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/193/1-2/2644.pdf>.
- Anonymous:1998:JCS**
- [886] Anonymous. Joint COMPUGRAPH/SEMAGRAPH Workshop on Graph Rewriting and Computation (SEGRA-GRA ’95) (papers in summary form only received). *Theoretical Computer Science*, 194(1-2):???, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- Flajolet:1998:CFA**
- [887] Philippe Flajolet and Brigitte Vallée. Continued fraction algorithms, functional operators, and structure constants. *Theoretical Computer Science*, 194(1–2):1–34, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2659.pdf>.
- Fernau:1998:RRL**
- [888] Henning Fernau and Dietmar Wätjen. Remarks on regulated limited ETOL systems and regulated context-free grammars. *Theoretical Computer Science*, 194(1–2):35–55, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2531.pdf>.
- Dányi:1998:CSD**
- [889] G. Dányi and Z. Fülop. Compositions with superlinear deterministic top-down tree transformations. *Theoretical Computer Science*, 194(1–2):57–85, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2534.pdf>.
- Gyenizse:1998:LGS**
- [890] Pál Gyenizse and Sándor Vágvölgyi. Linear generalized semi-monadic rewrite systems effectively preserve recognizability. *Theoretical Computer Science*, 194(1–2):87–122, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2535.pdf>.
- Wan:1998:TML**
- [891] Peng-Jun Wan. TWDM multichannel lightwave hypercube networks. *Theoretical Computer Science*, 194(1–2):123–136, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2539.pdf>.
- Niedermeier:1998:UCL**
- [892] Rolf Niedermeier and Peter Rossmanith. Unambiguous computations and locally definable acceptance types. *Theoretical Computer Science*, 194(1–2):137–161, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2541.pdf>.
- Irani:1998:RAM**
- [893] Sandy Irani and Steve Seiden. Randomized algorithms for metrical task systems. *Theoretical Computer Science*, 194(1–2):163–182, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2542.pdf>.
- Chebotarev:1998:RBA**
- [894] Anatoli N. Chebotarev and Marina K. Morokhovets. Resolution-based approach to compatibility analysis of interacting automata. *Theoretical Computer Science*, 194(1–2):183–205,

- March 10, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2561.pdf>.
- Hadjiat:1998:PGH**
- [895] Malika Hadjat. Penelope's graph: a hard minimum cost tension instance. *Theoretical Computer Science*, 194(1-2):207–218, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2722.pdf>.
- Ceola:1998:CMD**
- [896] Corine Ceola and Pierre B. A. Lecomte. Computability of a map and decidability of its graph in the model of Blum, Shub and Smale. *Theoretical Computer Science*, 194(1-2):219–223, March 10, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2713.pdf>.
- Fraigniaud:1998:XPM**
- [897] Pierre Fraigniaud. On XRAM and PRAM models, and on data-movement-intensive problems. *Theoretical Computer Science*, 194(1-2):225–237, March 10, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/194/1-2/2725.pdf>.
- Banach:1998:DRA**
- [898] R. Banach. DPO rewriting and abstract semantics via opfibrations. *Theoretical Computer Science*, 194(1-2):240–??, March 10, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Barendsen:1998:DSU**
- [899] E. Barendsen and S. Smetsers. A derivation system for uniqueness typing. *Theoretical Computer Science*, 194(1-2):240–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Bauderon:1998:PRG**
- [900] M. Bauderon. Parallel rewriting of graphs through the pullback approach. *Theoretical Computer Science*, 194(1-2):240–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Best:1998:UNR**
- [901] E. Best and M. Koutny. Using net refinement to compute the fixpoint of a recursive expression. *Theoretical Computer Science*, 194(1-2):241–??, March 10, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Brock:1998:PSF**
- [902] S. Brock and G. Ostheimer. A process semantics for functional programming. *Theoretical Computer Science*, 194(1-2):241–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Clark:1998:SPN**
- [903] D. Clark and R. Kennaway. Some properties of non-orthogonal term graph rewriting systems. *Theoretical Computer Science*, 194(1-2):241–??, March 10, 1998. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic).
- Corradini:1998:CASE**
- [904] A. Corradini and R. Heckel. A compositional approach to structuring and refinement of typed graph grammars. *Theoretical Computer Science*, 194(1–2):241–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Corradini:1998:CCP**
- [905] A. Corradini. Concurrent computing: from Petri nets to graph grammars. *Theoretical Computer Science*, 194(1–2):241–242, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Courcelle:1998:LG**
- [906] B. Courcelle. Logic and graphs. *Theoretical Computer Science*, 194(1–2):242–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Drappa:1998:UGG**
- [907] A. Drappa and R. Melchisedech. The use of graph grammar in a software engineering education tool. *Theoretical Computer Science*, 194(1–2):242–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Drewes:1998:STG**
- [908] F. Drewes. Semirings and tree-to-graph-to-tree transductions. *Theoretical Computer Science*, 194(1–2):242–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Ehrig:1998:IC**
- [909] H. Ehrig. Introduction to COMPUGRAPH. *Theoretical Computer Science*, 194(1–2):242–243, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Engels:1998:EHG**
- [910] G. Engels and A. Schurr. Encapsulated hierarchical graphs, graph types, and meta types. *Theoretical Computer Science*, 194(1–2):243–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Habel:1998:URN**
- [911] A. Habel and D. Plump. Unification, rewriting, and narrowing on term graphs. *Theoretical Computer Science*, 194(1–2):243–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Heckel:1998:ECC**
- [912] R. Heckel and A. Wagner. Ensuring consistency of conditional graph rewriting — a constructive approach. *Theoretical Computer Science*, 194(1–2):243–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Heimann:1998:PGR**
- [913] P. Heimann, G. Joeris, C.-A. Krapp, and B. Westfechtel. A programmed graph rewriting system for software process management. *Theoretical Computer Science*, 194(1–2):243–244, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- Janssens:1998:PLE**
- [914] D. Janssens. Process languages for ESM systems. *Theoretical Computer Science*, 194(1–2):244–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Johnsson:1998:GRH**
- [915] T. Johnsson. Graph reduction, and how to avoid it. *Theoretical Computer Science*, 194(1–2):244–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Kennaway:1998:IRC**
- [916] R. Kennaway. Infinitary rewriting and cyclic graphs. *Theoretical Computer Science*, 194(1–2):244–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Khasidashvili:1998:CSC**
- [917] Z. Khasidashvili and V. Van Oostrom. Context-sensitive conditional expression reductions systems. *Theoretical Computer Science*, 194(1–2):244–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Korff:1998:CDS**
- [918] M. Korff and L. Ribeiro. Concurrent derivations as single pushout graph grammar processes. *Theoretical Computer Science*, 194(1–2):245–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Kreowski:1998:SPG**
- [919] H.-J. Kreowski. Specification and programming (by graph transformation).
- Theoretical Computer Science*, 194(1–2):245–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Kuske:1998:IBR**
- [920] S. Kuske. Implementing beta-reduction by hypergraph rewriting. *Theoretical Computer Science*, 194(1–2):245–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Litovsky:1998:CGG**
- [921] I. Litovsky, Y. Metivier, and E. Sopena. Checking global graph properties by means of local computations: the majority problem. *Theoretical Computer Science*, 194(1–2):245–246, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Monserrat:1998:HRU**
- [922] M. Monserrat, F. Rossello, J. Torrens, and G. Valiente. Hypergraph rewriting using conformisms. *Theoretical Computer Science*, 194(1–2):246–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Plasmeijer:1998:CPE**
- [923] M. J. Plasmeijer. CLEAN: a programming environment based on term graph rewriting. *Theoretical Computer Science*, 194(1–2):246–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Quemener:1998:MCI**
- [924] Y.-M. Quemener and T. Jeron. Model-checking of infinite Kripke structures defined by simple graph grammars.

- Theoretical Computer Science*, 194(1–2):246–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Schied:1998:LTH**
- [925] G. Schied and K. Barthelmann. Linear types for higher order processes with first class directed channels. *Theoretical Computer Science*, 194(1–2):246–247, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Schneider:1998:NOI**
- [926] H. J. Schneider. A note on outward and inward productions in the categorical graph-grammar approach and Delta-grammars. *Theoretical Computer Science*, 194(1–2):247–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Seese:1998:LTC**
- [927] D. Seese. Linear time computable problems and logical descriptions. *Theoretical Computer Science*, 194(1–2):247–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Shand:1998:PG**
- [928] D. Shand and S. Brock. Proofs as graphs. *Theoretical Computer Science*, 194(1–2):247–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Sleep:1998:STP**
- [929] R. Sleep. SEMAGRAPH: the theory and practice of term graph rewriting. *Theoretical Computer Science*, 194(1–2):248–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Taentzer:1998:DAS**
- [930] G. Taentzer and A. Schurr. DIEGO, another step towards a module concept for graph transformation systems. *Theoretical Computer Science*, 194(1–2):248–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Wadsworth:1998:GRR**
- [931] C. Wadsworth. Graph reduction: a retrospective. *Theoretical Computer Science*, 194(1–2):248–??, March 10, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Penczek:1998:F**
- [932] Wojciech Penczek. Foreword. *Theoretical Computer Science*, 195(1):1, March 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/195/1/2691.pdf>.
- deBruin:1998:LDK**
- [933] Arie de Bruin and Shan-Hwei Nienhuys-Cheng. Linear dynamic Kahn networks are deterministic. *Theoretical Computer Science*, 195(1):3–32, March 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/195/1/2692.pdf>.
- Demri:1998:CDI**
- [934] Stéphane Demri. A class of decidable information logics. *Theoretical Computer Science*, 195(1):33–60, March 20, 1998.

- 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/195/1/2693.pdf>.
- Esik:1998:EPI**
- [935] Z. Ésik and A. Labella. Equational properties of iteration in algebraically complete categories. *Theoretical Computer Science*, 195(1):61–89, March 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/195/1/2694.pdf>.
- Seibold:1998:CSM**
- [936] Patrice Séébold. On the conjugation of standard morphisms. *Theoretical Computer Science*, 195(1):91–109, March 20, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/195/1/2695.pdf>.
- Stirling:1998:DBE**
- [937] C. Stirling. Decidability of bisimulation equivalence for normed pushdown processes. *Theoretical Computer Science*, 195(2):113–131, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Bradfield:1998:MMC**
- [938] J. C. Bradfield. The modal mu-calculus alternation hierarchy is strict. *Theoretical Computer Science*, 195(2):133–153, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Pitts:1998:PCB**
- [939] A. M. Pitts and J. R. X. Ross. Process calculus based upon evaluation to committed form. *Theoretical Computer Science*, 195(2):155–182, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Peled:1998:AAC**
- [940] D. Peled, T. Wilke, and P. Wolper. An algorithmic approach for checking closure properties of temporal logic specifications and ω -regular languages. *Theoretical Computer Science*, 195(2):183–203, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Boreale:1998:EIM**
- [941] M. Boreale. On the expressiveness of internal mobility in name-passing calculi. *Theoretical Computer Science*, 195(2):205–226, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Cleaveland:1998:PAD**
- [942] R. Cleaveland, G. Luttgen, and V. Natarajan. A process algebra with distributed priorities. *Theoretical Computer Science*, 195(2):227–258, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Philippou:1998:TCO**
- [943] A. Philippou and D. Walker. On transformations of concurrent-object programs. *Theoretical Computer Science*, 195(2):259–289, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Amadio:1998:BAP

- [944] R. M. Amadio, I. Castellani, and D. Sangiorgi. On bisimulations for the asynchronous pi-calculus. *Theoretical Computer Science*, 195(2):291–324, March 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Bouge:1998:E

- [945] Luc Bougé and Pierre Fraigniaud. Editorial. *Theoretical Computer Science*, 196(1–2):1, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2728.pdf>.

Gibbons:1998:QRQ

- [946] P. B. Gibbons, Y. Matias, and V. Ramachandran. The queue-read queue-write asynchronous PRAM model. *Theoretical Computer Science*, 196(1–2):3–29, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2729.pdf>.

Colombet:1998:SEL

- [947] L. Colombet and L. Desbat. Speedup and efficiency of large-size applications on heterogeneous networks. *Theoretical Computer Science*, 196(1–2):31–44, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2730.pdf>.

Kshemkalyani:1998:FVA

- [948] Ajay D. Kshemkalyani. A framework for viewing atomic events in

distributed computations. *Theoretical Computer Science*, 196(1–2):45–70, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2731.pdf>.

Botorog:1998:EHL

- [949] George Horațiu Botorog and Herbert Kuchen. Efficient high-level parallel programming. *Theoretical Computer Science*, 196(1–2):71–107, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2732.pdf>.

Tiskin:1998:BSP

- [950] Alexandre Tiskin. The bulk-synchronous parallel random access machine. *Theoretical Computer Science*, 196(1–2):109–130, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2733.pdf>.

DiIanni:1998:EDR

- [951] Miriam Di Ianni. Efficient delay routing. *Theoretical Computer Science*, 196(1–2):131–151, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Ianni:1998:EDR

- [952] Miriam Di Ianni. Efficient delay routing. *Theoretical Computer Science*, 196(1–2):131–151, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2734.pdf>.
- MacKenzie:1998:EPO**
- [953] Philip D. MacKenzie and Vijaya Ramachandran. ERCW PRAMs and optical communication. *Theoretical Computer Science*, 196(1–2):153–180, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2735.pdf>.
- MeyeraufderHeide:1998:RNO**
- [954] Friedhelm Meyer auf der Heide, Klaus Schröder, and Frank Schwarze. Routing on networks of optical crossbars. *Theoretical Computer Science*, 196(1–2):181–200, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2736.pdf>.
- Oberman:1998:RML**
- [955] Stuart F. Oberman and Michael J. Flynn. Reducing the mean latency of floating-point addition. *Theoretical Computer Science*, 196(1–2):201–214, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2737.pdf>.
- Podehl:1998:SMI**
- [956] Axel Podehl, Thomas Rauber, and Gudula Rünger. A shared-memory implementation of the hierarchical radiosity method. *Theoretical Computer Science*, 196(1–2):215–240, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2738.pdf>.
- Hollingsworth:1998:UCC**
- [957] Jeffrey K. Hollingsworth and Barton P. Miller. Using cost to control instrumentation overhead. *Theoretical Computer Science*, 196(1–2):241–258, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2739.pdf>.
- Cho:1998:TGP**
- [958] Cheng-Hong Cho and Jer-Tsang Wang. Triangular grid protocol: An efficient scheme for replica control with uniform access quorums. *Theoretical Computer Science*, 196(1–2):259–288, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2740.pdf>.
- Hackstadt:1998:DDA**
- [959] Steven T. Hackstadt and Allen D. Malony. DAQV: Distributed Array Query and Visualization Framework. *Theoretical Computer Science*, 196(1–2):289–317, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2741.pdf>.
- Smith:1998:PFT**
- [960] J. A. Smith and S. K. Shrivastava. Performance of fault-tolerant data and

- compute intensive programs over a network of workstations. *Theoretical Computer Science*, 196(1–2):319–345, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2742.pdf>.
- Gasperoni:1998:LSP**
- [961] Franco Gasperoni and Uwe Schwiegelshohn. [965] List scheduling in the presence of branches. A theoretical evaluation. *Theoretical Computer Science*, 196(1–2):347–363, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2743.pdf>.
- Knoop:1998:EPD**
- [962] Jens Knoop. Eliminating partially dead code in explicitly parallel programs. *Theoretical Computer Science*, 196(1–2):365–393, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2744.pdf>.
- LeGoueslierdArgence:1998:ASB**
- [963] Patrick Le Gouëslier d'Argence. Affine scheduling on bounded convex polyhedral domains is asymptotically optimal. *Theoretical Computer Science*, 196(1–2):395–415, April 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/196/1-2/2745.pdf>.
- Anonymous:1998:LLP**
- [964] Anonymous. Linear Logic '96 (papers in summary form only received). *Theoretical Computer Science*, 197(1–2):??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Mateescu:1998:STS**
- [965] Alexandru Mateescu, Grzegorz Rozenberg, and Arto Salomaa. Shuffle on trajectories: Syntactic constraints. *Theoretical Computer Science*, 197(1–2):1–56, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2699.pdf>.
- Nakano:1998:ISA**
- [966] Koji Nakano and Koichi Wada. Integer summing algorithms on reconfigurable meshes. *Theoretical Computer Science*, 197(1–2):57–77, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2543.pdf>.
- Zhong:1998:RES**
- [967] Ning Zhong. Recursively enumerable subsets of R^q in two computing models: Blum-Shub-Smale machine and Turing machine. *Theoretical Computer Science*, 197(1–2):79–94, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2544.pdf>.

Albers:1998:CAL

- [968] Susanne Albers. A competitive analysis of the list update problem with lookahead. *Theoretical Computer Science*, 197(1–2):95–109, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2562.pdf>.

Sarkar:1998:MAP

- [969] Palash Sarkar and Rana Barua. Multidimensional σ -automata, π -polynomials and generalised S -matrices. *Theoretical Computer Science*, 197(1–2):111–138, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2696.pdf>.

Fortnow:1998:RSL

- [970] Lance Fortnow, Rūsiņš Freivalds, William I. Gasarch, Martin Kummer, Stuart A. Kurtz, Carl H. Smith, and Frank Stephan. On the relative sizes of learnable sets. *Theoretical Computer Science*, 197(1–2):139–156, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2711.pdf>.

Xue:1998:THT

- [971] Guoliang Xue. An $O(n)$ time hierarchical tree algorithm for computing force field in n -body simulations. *Theoretical Computer Science*, 197(1–2):157–169, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-

2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2768.pdf>.

DePrisco:1998:TRV

- [972] Roberto De Prisco, Angelo Monti, and Linda Pagli. Testing and reconfiguration of VLSI linear arrays. *Theoretical Computer Science*, 197(1–2):171–188, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Prisco:1998:TRV

- [973] Roberto De Prisco, Angelo Monti, and Linda Pagli. Testing and reconfiguration of VLSI linear arrays. *Theoretical Computer Science*, 197(1–2):171–188, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2774.pdf>.

Larmore:1998:AOS

- [974] Lawrence L. Larmore and Wojciech Rytter. Almost optimal sublinear time parallel recognition algorithms for three subclasses of context free languages. *Theoretical Computer Science*, 197(1–2):189–201, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2789.pdf>.

Le:1998:DOS

- [975] Ngoc-Minh Lê. On determining optimal strategies in pursuit games in the plane. *Theoretical Computer Science*, 197(1–2):203–234, May 15, 1998. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2765.pdf>.
- Tomescu:1998:WCA**
- [976] Ioan Tomescu. On words containing all short subwords. *Theoretical Computer Science*, 197(1–2):235–240, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/197/1-2/2767.pdf>.
- Abramsky:1998:LSS**
- [977] S. Abramsky and G. McCusker. Linearity, sharing and state: a fully abstract game semantics for idealized Algol with active expressions. *Theoretical Computer Science*, 197(1–2):241–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Bierman:1998:TCL**
- [978] G. M. Bierman. Towards a classical linear lambda-calculus. *Theoretical Computer Science*, 197(1–2):242–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Blute:1998:NFC**
- [979] R. F. Blute and P. J. Scott. A noncommutative full completeness theorem. *Theoretical Computer Science*, 197(1–2):242–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Danos:1998:RIO**
- [980] V. Danos and L. Regnier. Reversible, irreversible and optimal lambda-machines. *Theoretical Computer Science*, 197(1–2):242–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- vanDalen:1998:ICB**
- [981] D. van Dalen. Intuitionism-counting its blessings. *Theoretical Computer Science*, 197(1–2):242–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Fouquere:1998:LLT**
- [982] C. Fouquere and J. Vauzeilles. Linear logic for taxonomical networks and database updates. *Theoretical Computer Science*, 197(1–2):243–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Girard:1998:DC**
- [983] J.-Y. Girard. On denotational completeness. *Theoretical Computer Science*, 197(1–2):243–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Girard:1998:CBS**
- [984] J.-Y. Girard. Coherent Banach spaces: a continuous denotational semantics. *Theoretical Computer Science*, 197(1–2):244–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Hayashi:1998:TEP**
- [985] S. Hayashi, M. Ishikawa, S. Kobayashi, H. Nakano, and S. Nakazaki.

- Two extensions of PX system. *Theoretical Computer Science*, 197(1–2):244–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Honda:1998:APS**
- [986] K. Honda. Abstract process structures. *Theoretical Computer Science*, 197(1–2):244–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Kanovich:1998:SCS**
- [987] M. Kanovich. Simulating computations in second-order non-commutative linear logic. *Theoretical Computer Science*, 197(1–2):245–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Lamarche:1998:PNG**
- [988] F. Lamarche. From proof nets to games. *Theoretical Computer Science*, 197(1–2):245–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Lincoln:1998:CLP**
- [989] P. D. Lincoln, J. C. Mitchell, and A. Scedrov. The complexity of local proof search in linear logic. *Theoretical Computer Science*, 197(1–2):245–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Metayer:1998:SRC**
- [990] F. Metayer. Some remarks on cyclic linear logic. *Theoretical Computer Science*, 197(1–2):245–246, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- McDowell:1998:ETS**
- [991] R. McDowell, D. Miller, and C. Palamidessi. Encoding transition systems in sequent calculus. *Theoretical Computer Science*, 197(1–2):246–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Nagayamam:1998:GTC**
- [992] M. Nagayamam and M. Okada. A graph-theoretic characterization theorem for multiplicative fragment of non-commutative linear logic. *Theoretical Computer Science*, 197(1–2):246–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Okada:1998:PSH**
- [993] M. Okada. Phase semantics for higher-order completeness, cut-elimination and normalization proofs. *Theoretical Computer Science*, 197(1–2):246–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Danos:1998:CIC**
- [994] V. Danos, J.-B. Joinet, and H. Schellinx. Computational isomorphisms in classical logic. *Theoretical Computer Science*, 197(1–2):247–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).
- Pratt:1998:BDS**
- [995] V. Pratt. Broadening the denotational semantics of linear logic. *Theoretical Computer Science*, 197(1–2):247–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Retore:1998:PMS

- [996] C. Retore. Perfect matching and series-parallel graphs: multiplicatives proof nets as R and B-graphs. *Theoretical Computer Science*, 197(1–2):247–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Hodas:1998:FLP

- [997] J. S. Hodas and J. Polakow. Forum as a logic programming language. *Theoretical Computer Science*, 197(1–2):247–248, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Pedicini:1998:REL

- [998] M. Pedicini. Remarks on elementary linear logic. *Theoretical Computer Science*, 197(1–2):248–??, May 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

TortoradeFalco:1998:GSL

- [999] L. Tortora de Falco. Generalized standardization lemma for the additives. *Theoretical Computer Science*, 197(1–2):248–??, May 15, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Otto:1998:EUW

- [1000] Friedrich Otto, Palith Narendran, and Daniel J. Dougherty. Equational unification and word unification, and 2nd-order equational unification. *Theoretical Computer Science*, 198(1–2):1–47, May 30, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2639.pdf>.

Nadathur:1998:NLT

- [1001] Gopalan Nadathur and Debra Sue Wilson. A notation for lambda terms. A generalization of environments. *Theoretical Computer Science*, 198(1–2):49–98, May 30, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2720.pdf>.

Geffert:1998:CHP

- [1002] Viliam Geffert. A communication hierarchy of parallel computations. *Theoretical Computer Science*, 198(1–2):99–130, May 30, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2569.pdf>.

Hartonas:1998:FAF

- [1003] Chrysafis Hartonas. A fixpoint approach to finite delay and fairness. *Theoretical Computer Science*, 198(1–2):131–158, May 30, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2612.pdf>.

Boreale:1998:SCP

- [1004] Michele Boreale and Davide Sangiorgi. Some congruence properties for π -calculus bisimilarities. *Theoretical Computer Science*, 198(1–2):159–176, May 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2661.pdf>.

Goldblatt:1998:EFA

- [1005] Robert Goldblatt. Enlargements of functional algebras for the lambda calculus. *Theoretical Computer Science*, 198(1–2):177–200, May 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2662.pdf>.

Egly:1998:AOP

- [1006] Uwe Egly. An answer to an open problem of Urquhart. *Theoretical Computer Science*, 198(1–2):201–209, May 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2676.pdf>.

Esparza:1998:RLS

- [1007] Javier Esparza. Reachability in live and safe free-choice Petri nets is NP-complete. *Theoretical Computer Science*, 198(1–2):211–224, May 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2771.pdf>.

Corradini:1998:CCW

- [1008] Flavio Corradini. On the coarsest congruence within global-clock-bounded equivalence. *Theoretical Computer Science*, 198(1–2):225–237, May 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2773.pdf>.

Cagman:1998:CWR

- [1009] Naim Çağman and J. Roger Hindley. Combinatory weak reduction in lambda calculus. *Theoretical Computer Science*, 198(1–2):239–247, May 30, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/198/1-2/2786.pdf>.

Nijholt:1998:E

- [1010] A. Nijholt and G. Scollo. Editorial. *Theoretical Computer Science*, 199(1–2):1–3, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2800.pdf>.

Buszkowski:1998:ASC

- [1011] Wojciech Buszkowski. Algebraic structures in categorial grammar. *Theoretical Computer Science*, 199(1–2):5–24, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2801.pdf>.

Janssen:1998:ATC

- [1012] Theo M. V. Janssen. Algebraic translations, correctness and algebraic compiler construction. *Theoretical Computer Science*, 199(1–2):25–56, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2802.pdf>.

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 2px; text-align: center;">Visser:1998:PSD</div> <p>[1013] Eelco Visser. Polymorphic syntax definition. <i>Theoretical Computer Science</i>, 199(1–2):57–86, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2803.pdf.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Sikkel:1998:PSC</div> <p>[1014] Klaas Sikkel. Parsing schemata and correctness of parsing algorithms. <i>Theoretical Computer Science</i>, 199(1–2):87–103, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2804.pdf.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Rus:1998:APP</div> <p>[1015] Teodor Rus. Algebraic processing of programming languages. <i>Theoretical Computer Science</i>, 199(1–2):105–143, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2805.pdf.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Tendeau:1998:CAD</div> <p>[1016] Frédéric Tendeau. Computing abstract decorations of parse forests using dynamic programming and algebraic power series. <i>Theoretical Computer Science</i>, 199(1–2):145–166, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2806.pdf.</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;">delaClergerie:1998:IFT</div> <p>[1017] Eric Villemonte de la Clergerie and François Barthélémy. Information flow in tabular interpretations for generalized push-down automata. <i>Theoretical Computer Science</i>, 199(1–2):167–198, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2807.pdf.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Rus:1998:PPM</div> <p>[1018] Teodor Rus and James S. Jones. PHRASE parsers from multi-axiom grammars. <i>Theoretical Computer Science</i>, 199(1–2):199–229, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2808.pdf.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Ramalho:1998:ASD</div> <p>[1019] José Carlos Ramalho, José João Almeida, and Pedro Henriques. Algebraic specification of documents. <i>Theoretical Computer Science</i>, 199(1–2):231–247, June 15, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/199/1-2/2809.pdf.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;">Barthelmann:1998:NOF</div> <p>[1020] Klaus Barthelmann. Nondeterministic operations on finite relational structures. <i>Theoretical Computer Science</i>, 200(1–2):1–44, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2799.pdf.</p> |
|--|---|

- | | |
|---|---|
| <div style="text-align: center; border: 1px solid black; padding: 2px;">Schmitt:1998:STA</div> <p>[1021] Vincent Schmitt. Stable trace automata vs. full trace automata. <i>Theoretical Computer Science</i>, 200(1–2):45–100, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2832.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Schmitt:1998:LAG</div> <p>[1022] Lothar M. Schmitt, Christopher L. Nehaniv, and Robert H. Fujii. Linear analysis of genetic algorithms. <i>Theoretical Computer Science</i>, 200(1–2):101–134, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2839.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Zielonka:1998:IGF</div> <p>[1023] Wieslaw Zielonka. Infinite games on finitely coloured graphs with applications to automata on infinite trees. <i>Theoretical Computer Science</i>, 200(1–2):135–183, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2844.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Jeavons:1998:ASC</div> <p>[1024] Peter Jeavons. On the algebraic structure of combinatorial problems. <i>Theoretical Computer Science</i>, 200(1–2):185–204, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2766.pdf.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;">Harju:1998:QOW</div> <p>[1025] Tero Harju and Lucian Ilie. On quasi orders of words and the confluence property. <i>Theoretical Computer Science</i>, 200(1–2):205–224, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2795.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Hennessy:1998:BCB</div> <p>[1026] M. Hennessy and J. Rathke. Bisimulations for a calculus of broadcasting systems. <i>Theoretical Computer Science</i>, 200(1–2):225–260, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2797.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Rivals:1998:ORA</div> <p>[1027] E. Rivals and J.-P. Delahaye. Optimal representation in average using Kolmogorov complexity. <i>Theoretical Computer Science</i>, 200(1–2):261–287, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2810.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">vandePol:1998:OSR</div> <p>[1028] Jaco van de Pol. Operational semantics of rewriting with priorities. <i>Theoretical Computer Science</i>, 200(1–2):289–312, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2818.pdf.</p> |
|---|---|

- Blundo:1998:GBC**
- [1029] C. Blundo, Luiz A. Frota Mattos, and D. R. Stinson. Generalized Beimel-Chor schemes for broadcast encryption and interactive key distribution. *Theoretical Computer Science*, 200(1–2):313–334, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2837.pdf>.
- Mundici:1998:RMB**
- [1030] Daniele Mundici and Nicola Olivetti. Resolution and model building in the infinite-valued calculus of Lukasiewicz. *Theoretical Computer Science*, 200(1–2):335–366, June 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/200/1-2/2847.pdf>.
- Jacquet:1998:ADA**
- [1031] Philippe Jacquet and Wojciech Szpankowski. Analytical depoissonization and its applications. *Theoretical Computer Science*, 201(1–2):1–62, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2703.pdf>.
- Cichon:1998:ORB**
- [1032] E. A. Cichon and E. Tahhan Bittar. Ordinal recursive bounds for Higman’s theorem. *Theoretical Computer Science*, 201(1–2):63–84, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2545.pdf>.
- Lam:1998:ISS**
- [1033] Tak Wah Lam and Ka Hing Lee. An improved scheme for set equality testing and updating. *Theoretical Computer Science*, 201(1–2):85–97, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2560.pdf>.
- Moore:1998:DRR**
- [1034] Cristopher Moore. Dynamical recognizers: real-time language recognition by analog computers. *Theoretical Computer Science*, 201(1–2):99–136, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2564.pdf>.
- Portier:1998:RUP**
- [1035] Natacha Portier. Résolutions universelles pour des problèmes NP-complets. (French) [Universal resolution of NP-complete problems]. *Theoretical Computer Science*, 201(1–2):137–150, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2565.pdf>.
- Rosaz:1998:IUL**
- [1036] Laurent Rosaz. Inventories of unavoidable languages and the word-extension conjecture. *Theoretical Computer Science*, 201(1–2):151–170, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2566.pdf>.

- 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2567.pdf>.
- Cattaneo:1998:GSS**
- [1037] Gianpiero Cattaneo and Luciano Margara. Generalized sub-shifts in elementary cellular automata: the “strange case” of chaotic rule 180. *Theoretical Computer Science*, 201(1–2):171–187, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2746.pdf>.
- Flasinski:1998:PPN**
- [1038] M. Flasiński. Power properties of NLC graph grammars with a polynomial membership problem. *Theoretical Computer Science*, 201(1–2):189–231, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2748.pdf>.
- Wada:1998:EAM**
- [1039] Koichi Wada, Akinari Takaki, and Kimio Kawaguchi. Efficient algorithms for a mixed k -partition problem of graphs without specifying bases. *Theoretical Computer Science*, 201(1–2):233–248, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2761.pdf>.
- Ferragina:1998:UST**
- [1040] Paolo Ferragina, Roberto Grossi, and Manuela Montangero. On updating suffix tree labels. *Theoretical Computer Science*, 201(1–2):249–262, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2779.pdf>.
- Park:1998:ATD**
- [1041] Kunsoo Park. Analysis of two-dimensional approximate pattern matching algorithms. *Theoretical Computer Science*, 201(1–2):263–273, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2812.pdf>.
- Chung:1998:IAS**
- [1042] Kuo-Liang Chung. An improved algorithm for solving the banded cyclic string-to-string correction problem. *Theoretical Computer Science*, 201(1–2):275–279, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2815.pdf>.
- Diaz:1998:RGC**
- [1043] J. Diaz, M. Serna, and P. Spirakis. On the random generation and counting of matchings in dense graphs. *Theoretical Computer Science*, 201(1–2):281–290, July 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/201/1-2/2830.pdf>.

Bernardo:1998:TET

- [1044] Marco Bernardo and Roberto Gorrieri. A tutorial on EMPA: A theory of concurrent processes with nondeterminism, priorities, probabilities and time. *Theoretical Computer Science*, 202(1–2):1–54, July 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/202/1-2/2663.pdf>. See corrigendum [1425].

Brzoska:1998:PMT

- [1045] Christoph Brzoska. Programming in metric temporal logic. *Theoretical Computer Science*, 202(1–2):55–125, July 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/202/1-2/2675.pdf>.

Felder:1998:TIR

- [1046] Miguel Felder, Angelo Gargantini, and Angelo Morzenti. A theory of implementation and refinement in timed Petri nets. *Theoretical Computer Science*, 202(1–2):127–161, July 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/202/1-2/2614.pdf>.

Cortesi:1998:QAI

- [1047] Agostino Cortesi, Gilberto Filé, and William Winsborough. The quotient of an abstract interpretation. *Theoretical Computer Science*, 202(1–2):163–192, July 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-

2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/202/1-2/2673.pdf>.

Hartonas:1998:DML

- [1048] Chrysafis Hartonas. Duality for modal μ -logics. *Theoretical Computer Science*, 202(1–2):193–222, July 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/202/1-2/2769.pdf>.

vanBreugel:1998:TMS

- [1049] Franck van Breugel. Terminal metric spaces of finitely branching and image finite linear processes. *Theoretical Computer Science*, 202(1–2):223–230, July 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/202/1-2/2787.pdf>.

Ramos-Jimenez:1998:CPC

- [1050] G. Ramos-Jiménez, J. López-Muñoz, and R. Morales-Bueno. Comparisons of Parikh's condition to other conditions for context-free languages. *Theoretical Computer Science*, 202(1–2):231–244, July 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/202/1-2/2798.pdf>.

Ausiello:1998:F

- [1051] Giorgio Ausiello and Alberto Marcetto-Spacemela. Foreword. *Theoretical Computer Science*, 203(1):1, August 06, 1998. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2819.pdf>.
- Diks:1998:MGP**
- [1052] Krzysztof Diks and Torben Hagerup. More general parallel tree contraction: Register allocation and broadcasting in a tree. *Theoretical Computer Science*, 203(1):3–29, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2820.pdf>.
- Hartmann:1998:SRV**
- [1053] Stephan Hartmann, Markus W. Schaffter, and Andreas S. Schulz. Switchbox routing in VLSI design: Closing the complexity gap. *Theoretical Computer Science*, 203(1):31–49, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2821.pdf>.
- Crescenzi:1998:SUD**
- [1054] P. Crescenzi and P. Penna. Strictly-upward drawings of ordered search trees. *Theoretical Computer Science*, 203(1):51–67, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2822.pdf>.
- Cicerone:1998:UAS**
- [1055] Serafino Cicerone, Daniele Frigioni, Umberto Nanni, and Francesco Pugliese. A uniform approach to semi-dynamic problems on digraphs. *Theoretical Computer Science*, 203(1):69–90, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2823.pdf>.
- Drangmeister:1998:MEN**
- [1056] Kay U. Drangmeister, Sven O. Krumke, Madhav V. Marathe, Hartmut Noltemeier, and S. S. Ravi. Modifying edges of a network to obtain short subgraphs. *Theoretical Computer Science*, 203(1):91–121, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2824.pdf>.
- Gustedt:1998:EUF**
- [1057] Jens Gustedt. Efficient Union-Find for planar graphs and other sparse graph classes. *Theoretical Computer Science*, 203(1):123–141, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2825.pdf>.
- Takaoka:1998:SPA**
- [1058] Tadao Takaoka. Shortest path algorithms for nearly acyclic directed graphs. *Theoretical Computer Science*, 203(1):143–150, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2826.pdf>.

Kranakis:1998:AMF

- [1059] Evangelos Kranakis, Danny Krizanc, Andrzej Pelc, and David Peleg. Approximate maxima finding of continuous functions under restricted budget. *Theoretical Computer Science*, 203(1):151–162, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2827.pdf>.

Diks:1998:SDS

- [1060] Krzysztof Diks and Andrzej Pelc. System diagnosis with smallest risk of error. *Theoretical Computer Science*, 203 (1):163–173, August 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/1/2828.pdf>.

Baumker:1998:TEP

- [1061] Armin Baumker, Wolfgang Dittrich, and Friedhelm Meyer auf der Heide. Truly efficient parallel algorithms: 1-optimal multisearch for an extension of the BSP model. *Theoretical Computer Science*, 203(2):175–203, August 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/2/2851.pdf>.

Chaudhuri:1998:SPD

- [1062] Shiva Chaudhuri and Christos D. Zaroliagis. Shortest paths in digraphs of small treewidth. part II: Optimal parallel algorithms. *Theoretical Computer Science*, 203(2):205–223, August 28, 1998. CODEN TCSCDI. ISSN

0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/2/2852.pdf>.

Dubhashi:1998:NOD

- [1063] Devdatt Dubhashi, David A. Grable, and Alessandro Panconesi. Near-optimal, distributed edge colouring via the nibble method. *Theoretical Computer Science*, 203(2):225–251, August 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/2/2853.pdf>.

Even:1998:MCC

- [1064] Shimon Even, Gene Itkis, and Sergio Rajbaum. On mixed connectivity certificates. *Theoretical Computer Science*, 203(2):253–269, August 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/203/2/2854.pdf>.

Bruyere:1998:MCB

- [1065] Véronique Bruyère. On maximal codes with bounded synchronization delay. *Theoretical Computer Science*, 204(1–2):11–28, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2859.pdf>.

Cassaigne:1998:EUP

- [1066] Julien Cassaigne and Juhani Karhumäki. Examples of undecidable problems for 2-generator matrix semigroups. *Theoretical Computer Science*, 204(1–2):29–

- 34, September 06, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2860.pdf>.
- Choffrut:1998:CFI**
- [1067] Christian Choffrut and Flavio D'Alessandro. [1071] P. Goralcik and V. Koubek. On the
Commutativity in free inverse monoids.
Theoretical Computer Science, 204(1-2):35–54, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2861.pdf>.
- Cori:1998:CNI**
- [1068] Robert Cori and Michel Marcus. Counting non-isomorphic chord diagrams. *Theoretical Computer Science*, 204(1-2):55–73, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2862.pdf>.
- deLuca:1998:CCF**
- [1069] Aldo de Luca. A conjecture on continued fractions. *Theoretical Computer Science*, 204(1-2):75–86, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2863.pdf>.
- Duval:1998:PLP**
- [1070] Jean-Pierre Duval. Périodes locales et propagation de périodes dans un mot. (French) [local periods and period propagation in a word]. *Theoretical Computer Science*, 204(1-2):87–98, September 06, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2864.pdf>.
- Goralcik:1998:DSP**
- [1072] Georges Hansel. Systèmes de numération indépendants et syndéticité. (French) [Systems of independent ???? numeration]. *Theoretical Computer Science*, 204(1-2):119–130, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2866.pdf>.
- Hansel:1998:SNI**
- [1073] Lucian Ilie and Arto Salomaa. On well quasi orders of free monoids. *Theoretical Computer Science*, 204(1-2):131–152, September 06, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2867.pdf>.
- Ilie:1998:WQO**
- [1074] Filippo Mignosi, Antonio Restivo, and Sergio Salemi. Periodicity and the golden ratio. *Theoretical Computer Science*, 204(1-2):153–167, September 06, 1998. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2868.pdf>.
- Mignosi:1998:PGR**

- 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2868.pdf>.
- McNaughton:1998:FFP**
- [1075] Robert McNaughton. The finiteness of finitely presented monoids. *Theoretical Computer Science*, 204(1–2):169–182, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2869.pdf>.
- Paun:1998:SS**
- [1076] Gheorghe Păun and Grzegorz Rozenberg. Sticker systems. *Theoretical Computer Science*, 204(1–2):183–203, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2870.pdf>.
- Sakarovitch:1998:CFA**
- [1077] Jacques Sakarovitch. A construction on finite automata that has remained hidden. *Theoretical Computer Science*, 204(1–2):205–231, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2871.pdf>.
- Schupp:1998:SHC**
- [1078] Paul E. Schupp. On the structure of Hamiltonian cycles in Cayley graphs of finite quotients of the modular group. *Theoretical Computer Science*, 204(1–2):233–248, September 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/204/1-2/2872.pdf>.
- Steinby:1998:GVT**
- [1079] Magnus Steinby. General varieties of tree languages. *Theoretical Computer Science*, 205(1–2):1–43, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2845.pdf>.
- Bollig:1998:HTO**
- [1080] Beate Bollig, Martin Sauerhoff, Detlef Sieling, and Ingo Wegener. Hierarchy theorems for k OBDDs and k IBDDs. *Theoretical Computer Science*, 205(1–2):45–60, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2570.pdf>.
- Ehrenfeucht:1998:RRE**
- [1081] Andrzej Ehrenfeucht, Gheorghe Păun, and Grzegorz Rozenberg. On representing recursively enumerable languages by internal contextual languages. *Theoretical Computer Science*, 205(1–2):61–83, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2571.pdf>.
- Yu:1998:CCS**
- [1082] Chang-Wu Yu, Gen-Huey Chen, and Tze-Heng Ma. On the complexity of the

- k*-chain subgraph cover problem. *Theoretical Computer Science*, 205(1–2):85–98, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2572.pdf>.
- Golin:1998:LTP**
- [1083] M. Golin and S. Zaks. Labelled trees and pairs of input–output permutations in priority queues. *Theoretical Computer Science*, 205(1–2):99–114, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2573.pdf>.
- Flammini:1998:MIR**
- [1084] Michele Flammini, Giorgio Gambosi, Umberto Nanni, and Richard B. Tan. Multidimensional interval routing schemes. *Theoretical Computer Science*, 205(1–2):115–133, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2606.pdf>.
- Sato:1998:ECL**
- [1085] Tadakazu Sato. Ergodic characterization of linear cellular automata over Z_m . *Theoretical Computer Science*, 205(1–2):135–144, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2607.pdf>.
- Giammarresi:1998:PT**
- [1086] Dora Giammarresi, Sabrina Mantaci, Filippo Mignosi, and Antonio Restivo. Periodicities on trees. *Theoretical Computer Science*, 205(1–2):145–181, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2608.pdf>.
- Durand-Lose:1998:PTT**
- [1087] J. O. Durand-Lose. Parallel transient time of one-dimensional sand pile. *Theoretical Computer Science*, 205(1–2):183–193, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2609.pdf>.
- Martin-Vide:1998:CRE**
- [1088] Carlos Martin-Vide, Gheorghe Păun, and Arto Salomaa. Characterizations of recursively enumerable languages by means of insertion grammars. *Theoretical Computer Science*, 205(1–2):195–205, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2615.pdf>.
- Andre:1998:EPL**
- [1089] Yves Andre and Francis Bossut. On the equivalence problem for letter-to-letter top-down tree transducers. *Theoretical Computer Science*, 205(1–2):207–229, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2616.pdf>.

- Wang:1998:SCP**
- [1090] Biing-Feng Wang. Simulating the CRCW PRAM on reconfigurable networks. *Theoretical Computer Science*, 205(1-2):231–242, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2632.pdf>.
- Karpinski:1998:AIO**
- [1091] Marek Karpinski and Wojciech Rytter. Alphabet-independent optimal parallel search for three-dimensional patterns. *Theoretical Computer Science*, 205(1-2):243–260, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2788.pdf>.
- Andreev:1998:PCA**
- [1092] A. E. Andreev, A. Clementi, P. Crescenzi, E. Dahlhaus, S. De Agostino, and J. D. P. Rolim. The parallel complexity of approximating the high degree subgraph problem. *Theoretical Computer Science*, 205(1-2):261–282, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2811.pdf>.
- Fraenkel:1998:AWG**
- [1093] Aviezri S. Fraenkel and Michal Ozery. Adjoining to Wythoff’s game its P-positions as moves. *Theoretical Computer Science*, 205(1-2):283–296, September 28, 1998. CODEN TC-
- SCDI**. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2875.pdf>.
- Beal:1998:BSD**
- [1094] Marie-Pierre Béal and Jean Senellart. On the bound of the synchronization delay of a local automaton. *Theoretical Computer Science*, 205(1-2):297–306, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2834.pdf>.
- Beling:1998:UFM**
- [1095] Peter A. Beling and Nimrod Megiddo. Using fast matrix multiplication to find basic solutions. *Theoretical Computer Science*, 205(1-2):307–316, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2838.pdf>.
- Hemaspaandra:1998:BOJ**
- [1096] Lane A. Hemaspaandra, Zhigen Jiang, Jörg Rothe, and Osamu Watanabe. Boolean operations, joins, and the extended low hierarchy. *Theoretical Computer Science*, 205(1-2):317–327, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2841.pdf>.
- Wang:1998:RSR**
- [1097] Huaxiong Wang. On rational series and rational languages. *Theoretical Computer Science*, 205(1-2):329–336,

- September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2933.pdf>.
- Chuan:1998:UFC**
- [1098] Wai fong Chuan. Unbordered factors of the characteristic sequences of irrational numbers. *Theoretical Computer Science*, 205(1-2):337–344, September 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/205/1-2/2934.pdf>.
- Duggan:1998:UEP**
- [1099] Dominic Duggan. Unification with extended patterns. *Theoretical Computer Science*, 206(1-2):1–50, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2677.pdf>.
- Etalle:1998:SMG**
- [1100] Sandro Etalle. A semantics for modular general logic programs. *Theoretical Computer Science*, 206(1-2):51–80, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2727.pdf>.
- Bensaou:1998:TCL**
- [1101] N. Bensaou and I. Guessarian. Transforming constraint logic programs. *Theoretical Computer Science*, 206(1-2):81–125, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2613.pdf>.
- Liu:1998:PCP**
- [1102] Xinxin Liu and David Walker. Partial confluence of processes and systems of objects. *Theoretical Computer Science*, 206(1-2):127–162, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2647.pdf>.
- Dehornoy:1998:TPC**
- [1103] Patrick Dehornoy and Abderrahim Marzouk. Theorem proving by chain resolution. *Theoretical Computer Science*, 206(1-2):163–180, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2664.pdf>.
- Eiter:1998:EPC**
- [1104] Thomas Eiter, Nicola Leone, and Domenico Saccá. Expressive power and complexity of partial models for disjunctive deductive databases. *Theoretical Computer Science*, 206(1-2):181–218, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2665.pdf>.
- Priese:1998:UAT**
- [1105] Lutz Priese and Harro Wimmel. A uniform approach to true-concurrency and interleaving semantics for Petri nets.

- Theoretical Computer Science*, 206(1–2):219–256, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2705.pdf>.
- Yamasaki:1998:SAP**
- [1106] Susumu Yamasaki and Yoshinori Kurose. Soundness of abductive proof procedure with respect to constraint for non-ground abducibles. *Theoretical Computer Science*, 206(1–2):257–281, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2707.pdf>.
- Levene:1998:AFD**
- [1107] Mark Levene and George Loizou. Axiomatisation of functional dependencies in incomplete relations. *Theoretical Computer Science*, 206(1–2):283–300, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2836.pdf>.
- Colson:1998:SCV**
- [1108] Loïc Colson and Daniel Fredholm. System T, call-by-value and the minimum problem. *Theoretical Computer Science*, 206(1–2):301–315, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2846.pdf>.
- Loader:1998:UPD**
- [1109] Ralph Loader. Unary PCF is decidable. *Theoretical Computer Science*, 206(1–2):317–329, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2879.pdf>.
- Hirokawa:1998:IPP**
- [1110] Sachio Hirokawa. Infiniteness of $\text{proof}(\alpha)$ is polynomial-space complete. *Theoretical Computer Science*, 206(1–2):331–339, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2704.pdf>.
- Lamport:1998:PPP**
- [1111] Leslie Lamport. Proving possibility properties. *Theoretical Computer Science*, 206(1–2):341–352, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2949.pdf>.
- Perrier:1998:CGP**
- [1112] Guy Perrier. Corrigendum to Galmiche’s and Perrier’s “On proof normalization in linear logic” [Theoret. Comput. Sci. 135(1) (1994) 67–110]. *Theoretical Computer Science*, 206(1–2):353–354, October 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/206/1-2/2965.pdf>. See [3].

McNaughton:1998:CRV

- [1113] Robert McNaughton. Contributions of Ronald V. Book to the theory of string-rewriting systems. *Theoretical Computer Science*, 207(1):13–23, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2884.pdf>.

Brandenburg:1998:AWG

- [1114] Franz J. Brandenburg. The ancestor width of grammars and languages. *Theoretical Computer Science*, 207(1):25–41, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2885.pdf>.

Otto:1998:SUR

- [1115] Friedrich Otto. Some undecidability results concerning the property of preserving regularity. *Theoretical Computer Science*, 207(1):43–72, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2886.pdf>.

Salomaa:1998:SEE

- [1116] Kai Salomaa and Sheng Yu. Synchronization expressions with extended join operation. *Theoretical Computer Science*, 207(1):73–88, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2887.pdf>.

Baier:1998:BQA

- [1117] Herbert Baier and Klaus W. Wagner. Bounding queries in the analytic polynomial-time hierarchy. *Theoretical Computer Science*, 207(1):89–104, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2888.pdf>.

Cai:1998:RPD

- [1118] Jin-Yi Cai. A relation of primal-dual lattices and the complexity of shortest lattice vector problem. *Theoretical Computer Science*, 207(1):105–116, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2889.pdf>.

Macarie:1998:PPP

- [1119] Ioan I. Macarie and Mitsunori Ogihara. Properties of probabilistic pushdown automata. *Theoretical Computer Science*, 207(1):117–130, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2890.pdf>.

Naik:1998:HBO

- [1120] Ashish V. Naik, John D. Rogers, James S. Royer, and Alan L. Selman. A hierarchy based on output multiplicity. *Theoretical Computer Science*, 207(1):131–157, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2891.pdf>.

Vollmer:1998:RPT

- [1121] Heribert Vollmer. Relating polynomial time to constant depth. *Theoretical Computer Science*, 207(1):159–170, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2892.pdf>.

Du:1998:ASI

- [1122] Xiufeng Du, Weili Wu, and Dean F. Kelley. Approximations for subset interconnection designs. *Theoretical Computer Science*, 207(1):171–180, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2893.pdf>.

Lin:1998:CMP

- [1123] Guo-Hui Lin and Guoliang Xue. K -center and K -median problems in graded distances. *Theoretical Computer Science*, 207(1):181–192, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2894.pdf>.

Wan:1998:CFC

- [1124] Peng-Jun Wan. Conflict-free channel set assignment for an optical cluster interconnection network based on rotator digraphs. *Theoretical Computer Science*, 207(1):193–201, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2895.pdf>.

Wang:1998:OPV

- [1125] Jie Wang and Yaorong Ge. An optimization problem in virtual endoscopy. *Theoretical Computer Science*, 207(1):203–216, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2896.pdf>.

Balcazar:1998:SLA

- [1126] José L. Balcázar and Montserrat Hermo. The structure of logarithmic advice complexity classes. *Theoretical Computer Science*, 207(1):217–244, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2897.pdf>.

Lorentz:1998:GRF

- [1127] Amy K. Lorentz and Jack H. Lutz. Genericity and randomness over feasible probability measures. *Theoretical Computer Science*, 207(1):245–259, October 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/1/2898.pdf>.

Muchnik:1998:MMR

- [1128] Andrei A. Muchnik, Alexei L. Semenov, and Vladimir A. Uspensky. Mathematical metaphysics of randomness. *Theoretical Computer Science*, 207(2):263–317, November 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/2/2900.pdf>.

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|--|---|
| <p style="text-align: center;">Muchnik:1998:CI</p> <p>[1129] An A. Muchnik. On common information. <i>Theoretical Computer Science</i>, 207(2):319–328, November 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/2/2901.pdf.</p> <p style="text-align: center;">Vereshchagin:1998:RBD</p> <p>[1130] Nikolai K. Vereshchagin. Randomized Boolean decision trees: Several remarks. <i>Theoretical Computer Science</i>, 207(2):329–342, November 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/2/2902.pdf.</p> <p style="text-align: center;">Vyugin:1998:ETI</p> <p>[1131] V. V. V'yugin. Ergodic theorems for individual random sequences. <i>Theoretical Computer Science</i>, 207(2):343–361, November 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/2/2903.pdf.</p> <p style="text-align: center;">Vyugin:1998:NSI</p> <p>[1132] V. V. V'yugin. Non-stochastic infinite and finite sequences. <i>Theoretical Computer Science</i>, 207(2):363–382, November 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/2/2904.pdf.</p> | <p style="text-align: center;">Gorbunov:1998:CF</p> <p>[1133] K. Yu. Gorbunov. On a complexity of the formula $(A \vee B) \Rightarrow C$. <i>Theoretical Computer Science</i>, 207(2):383–386, November 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/2/2905.pdf.</p> <p style="text-align: center;">Kolmogorov:1998:TRN</p> <p>[1134] A. N. Kolmogorov. On tables of random numbers. <i>Theoretical Computer Science</i>, 207(2):387–395, November 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/207/2/2906.pdf.</p> <p style="text-align: center;">Madlener:1998:RRT</p> <p>[1135] Klaus Madlener and Birgit Reinert. Relating rewriting techniques on monoids and rings: congruences on monoids and ideals in monoid rings. <i>Theoretical Computer Science</i>, 208(1–2):3–31, November 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/208/1-2/2908.pdf.</p> <p style="text-align: center;">Jouannaud:1998:ROH</p> <p>[1136] Jean-Pierre Jouannaud and Albert Rubio. Rewrite orderings for higher-order terms in η-long β-normal form and the recursive path ordering. <i>Theoretical Computer Science</i>, 208(1–2):33–58, November 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1998/208/1-2/2909.pdf.</p> |
|--|---|

KrishnaRao:1998:MAT

- [1137] M. R. K. Krishna Rao. Modular aspects of term graph rewriting. *Theoretical Computer Science*, 208(1–2):59–??, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Rao:1998:MAT

- [1138] M. R. K. Krishna Rao. Modular aspects of term graph rewriting. *Theoretical Computer Science*, 208(1–2):59–86, November 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/208/1-2/2910.pdf>.

Sakai:1998:SSS

- [1139] Masahiko Sakai and Yoshihito Toyama. Semantics and strong sequentiality of priority term rewriting systems. *Theoretical Computer Science*, 208(1–2):87–110, November 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/208/1-2/2911.pdf>.

Schmidt-Schauss:1998:DAD

- [1140] Manfred Schmidt-Schauss. A decision algorithm for distributive unification. *Theoretical Computer Science*, 208(1–2):111–148, November 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/208/1-2/2912.pdf>.

Stuber:1998:STP

- [1141] Jürgen Stuber. Superposition theorem proving for abelian groups repre-

sented as integer modules. *Theoretical Computer Science*, 208(1–2):149–177, November 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/208/1-2/2913.pdf>.

Treinen:1998:FOT

- [1142] Ralf Treinen. The first-order theory of linear one-step rewriting is undecidable. *Theoretical Computer Science*, 208(1–2):179–190, November 28, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/208/1-2/2914.pdf>.

Bodlaender:1998:PAG

- [1143] Hans L. Bodlaender. A partial k -arboretum of graphs with bounded treewidth. *Theoretical Computer Science*, 209(1–2):1–45, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2764.pdf>.

Allender:1998:NCA

- [1144] Eric Allender, Jia Jiao, Meena Mahajan, and V. Vinay. Non-commutative arithmetic circuits: depth reduction and size lower bounds. *Theoretical Computer Science*, 209(1–2):47–86, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2763.pdf>.

Beguin:1998:GID

- [1145] Philippe Béguin and Antonella Cresti. General information dispersal algorithms. *Theoretical Computer Science*, 209(1–2):87–105, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2634.pdf>.

Demange:1998:DAA

- [1146] Marc Demange, Pascal Grisoni, and Vangelis Th. Paschos. Differential approximation algorithms for some combinatorial optimization problems. *Theoretical Computer Science*, 209(1–2):107–122, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2635.pdf>.

Downey:1998:TDS

- [1147] Rodney G. Downey and Michael R. Fellows. Threshold dominating sets and an improved characterization of $W[2]$. *Theoretical Computer Science*, 209(1–2):123–140, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2637.pdf>.

Apolloni:1998:SSL

- [1148] B. Apolloni and C. Gentile. Sample size lower bounds in PAC learning by Algorithmic Complexity Theory. *Theoretical Computer Science*, 209(1–2):141–162, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-

2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2638.pdf>.

Aceto:1998:QSE

- [1149] Luca Aceto, Wan Fokkink, and Anna Ingólfssdóttir. On a question of A. Salomaa: The equational theory of regular expressions over a singleton alphabet is not finitely based. *Theoretical Computer Science*, 209(1–2):163–178, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2640.pdf>.

Blanchard:1998:LCR

- [1150] François Blanchard and Petr Kůrka. Language complexity of rotations and Sturmian sequences. *Theoretical Computer Science*, 209(1–2):179–193, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2641.pdf>.

AdeleA:1998:CCF

- [1151] F. Adele A. Communication complexity of fault-tolerant information diffusion. *Theoretical Computer Science*, 209(1–2):195–??, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Gargano:1998:CCF

- [1152] Luisa Gargano and Adele A. Rescigno. Communication complexity of fault-tolerant information diffusion. *Theoretical Computer Science*, 209(1–2):195–211, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-

- 2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2645.pdf>.
- Csuhaj-Varju:1998:TBE**
- [1153] Erzsébet Csuhaj-Varjú and Alica Kelemenová. Team behaviour in eco-grammar systems. *Theoretical Computer Science*, 209(1–2):213–224, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2646.pdf>.
- Zimand:1998:SCW**
- [1154] Marius Zimand. On the size of classes with weak membership properties. *Theoretical Computer Science*, 209(1–2):225–235, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2650.pdf>.
- Amaldi:1998:AMN**
- [1155] Edoardo Amaldi and Viggo Kann. On the approximability of minimizing nonzero variables or unsatisfied relations in linear systems. *Theoretical Computer Science*, 209(1–2):237–260, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2651.pdf>.
- Vuillon:1998:CMS**
- [1156] Laurent Vuillon. Combinatoire des motifs d'une suite sturmienne bidimensionnelle. (French) [Combination of motifs of a Sturmian bidimensional sequence]. *Theoretical Computer Science*, 209(1–2):261–285, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2653.pdf>.
- Rossner:1998:HAS**
- [1157] Carsten Rössner and Jean-Pierre Seifert. On the hardness of approximating shortest integer relations among rational numbers. *Theoretical Computer Science*, 209(1–2):287–297, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2654.pdf>.
- Beaudry:1998:LRF**
- [1158] Martin Beaudry. Languages recognized by finite aperiodic groupoids. *Theoretical Computer Science*, 209(1–2):299–317, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2655.pdf>.
- Vaszil:1998:SNR**
- [1159] György Vaszil. On simulating non-returning PC grammar systems with returning systems. *Theoretical Computer Science*, 209(1–2):319–329, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2656.pdf>.

Colbourn:1998:LTA

- [1160] Charles J. Colbourn and Guoliang Xue. A linear time algorithm for computing the most reliable source on a series-parallel graph with unreliable edges. *Theoretical Computer Science*, 209(1–2):331–345, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2660.pdf>.

Malesinska:1998:HAF

- [1161] Ewa Malesińska and Alessandro Panconesi. On the hardness of allocating frequencies for hybrid networks. *Theoretical Computer Science*, 209(1–2):347–363, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2975.pdf>.

Breslauer:1998:CLP

- [1162] Dany Breslauer. On competitive online paging with lookahead. *Theoretical Computer Science*, 209(1–2):365–375, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2940.pdf>.

Downarowicz:1998:MFM

- [1163] T. Downarowicz and Y. Lacroix. Merit factors and Morse sequences. *Theoretical Computer Science*, 209(1–2):377–387, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2943.pdf>.

Sengupta:1998:LBM

- [1164] Rimli Sengupta and H. Venkateswaran. A lower bound for monotone arithmetic circuits computing 0–1 permanent. *Theoretical Computer Science*, 209(1–2):389–398, December 06, 1998. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1998/209/1-2/2950.pdf>.

Brattka:1999:CI

- [1165] Vasco Brattka. Computable invariance. *Theoretical Computer Science*, 210(1):3–20, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2925.pdf>.

Bournez:1999:ATC

- [1166] Olivier Bournez. Achilles and the Tortoise climbing up the hyperarithmetical hierarchy. *Theoretical Computer Science*, 210(1):21–71, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2926.pdf>.

Edalat:1999:DTA

- [1167] Abbas Edalat and Philipp Sünderhauf. A domain-theoretic approach to computability on the real line. *Theoretical Computer Science*, 210(1):73–98, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2927.pdf>.

Ho:1999:RRR

- [1168] Chun-Kuen Ho. Relatively recursive reals and real functions. *Theoretical Computer Science*, 210(1):99–120, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2928.pdf>.

HotzelEscardo:1999:IRP

- [1169] Martín Hötzl Escardó and Thomas Streicher. Induction and recursion on the partial real line with applications to Real PCF. *Theoretical Computer Science*, 210(1):121–157, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2929.pdf>.

Safer:1999:PRR

- [1170] Taoufik Safer. Polygonal radix representations of complex numbers. *Theoretical Computer Science*, 210(1):159–171, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2930.pdf>.

Bronnimann:1999:SDR

- [1171] Herve Bronnimann, Ioannis Z. Emiris, Victor Y. Pan, and Sylvain Pion. Sign determination in residue number systems. *Theoretical Computer Science*, 210(1):173–197, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2931.pdf>.

vanderHoeven:1999:FEH

- [1172] Joris van der Hoeven. Fast evaluation of holonomic functions. *Theoretical Computer Science*, 210(1):199–215, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2932.pdf>.

Koiran:1999:CFA

- [1173] Pascal Koiran and Cristopher Moore. Closed-form analytic maps in one and two dimensions can simulate universal Turing machines. *Theoretical Computer Science*, 210(1):217–223, January 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/1/2939.pdf>.

Sakakibara:1999:STL

- [1174] Yasubumi Sakakibara and Claudio Ferretti. Splicing on tree-like structures. *Theoretical Computer Science*, 210(2):227–243, January 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/2/2917.pdf>.

Shimozono:1999:AIA

- [1175] Shinichi Shimozono. Alphabet indexing for approximating features of symbols. *Theoretical Computer Science*, 210(2):245–260, January 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/2/2918.pdf>.

Akutsu:1999:APT

- [1176] Tatsuya Akutsu and Satoru Miyano. On the approximation of protein threading. *Theoretical Computer Science*, 210(2):261–275, January 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/2/2919.pdf>.

Uemura:1999:TAG

- [1177] Yasuo Uemura, Aki Hasegawa, Satoshi Kobayashi, and Takashi Yokomori. Tree adjoining grammars for RNA structure prediction. *Theoretical Computer Science*, 210(2):277–303, January 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/2/2920.pdf>.

Matsuda:1999:CMS

- [1178] H. Matsuda, T. Ishihara, and A. Hashimoto. Classifying molecular sequences using a linkage graph with their pairwise similarities. *Theoretical Computer Science*, 210(2):305–325, January 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/2/2921.pdf>.

Gu:1999:AAG

- [1179] Qian-Ping Gu, Shietung Peng, and Hal Sudborough. A 2-approximation algorithm for genome rearrangements by reversals and transpositions. *Theoretical Computer Science*, 210(2):327–339, January 17, 1999. CODEN TC-

SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/2/2922.pdf>.

Ikeda:1999:EAM

- [1180] Takahiro Ikeda and Hiroshi Imai. Enhanced A^* algorithms for multiple alignments: optimal alignments for several sequences and k -opt approximate alignments for large cases. *Theoretical Computer Science*, 210(2):341–374, January 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/210/2/2923.pdf>.

Koutny:1999:ODS

- [1181] Maciej Koutny and Eike Best. Operational and denotational semantics for the box algebra. *Theoretical Computer Science*, 211(1–2):1–83, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2716.pdf>.

Reed:1999:TFS

- [1182] G. M. Reed and A. W. Roscoe. The timed failures — Stability model for CSP. *Theoretical Computer Science*, 211(1–2):85–127, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2750.pdf>.

Stone:1999:RSI

- [1183] Matthew Stone. Representing scope in intuitionistic deductions. *Theoret-*

- Theoretical Computer Science*, 211(1–2):129–188, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2780.pdf>.
- Sun:1999:AGF**
- [1184] Yong Sun. An algebraic generalization of Frege structures — binding algebras. *Theoretical Computer Science*, 211(1–2):189–232, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2706.pdf>.
- Troelstra:1999:CCS**
- [1185] A. S. Troelstra. From constructivism to computer science. *Theoretical Computer Science*, 211(1–2):233–252, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2708.pdf>.
- Alur:1999:ECA**
- [1186] Rajeev Alur, Limor Fix, and Thomas A. Henzinger. Event-clock automata: a determinizable class of timed automata. *Theoretical Computer Science*, 211(1–2):253–273, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2709.pdf>.
- Comini:1999:CPS**
- [1187] Marco Comini and Maria Chiara Meo. Compositionality properties of SLD-derivations. *Theoretical Computer Science*, 211(1–2):275–309, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2710.pdf>.
- Engelfriet:1999:MSC**
- [1188] Joost Engelfriet and Tjalling Gelsema. Multisets and structural congruence of the pi-calculus with replication. *Theoretical Computer Science*, 211(1–2):311–337, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2715.pdf>.
- Aceto:1999:CEA**
- [1189] Luca Aceto and Jan Friso Groote. A complete equational axiomatization for MPA with string iteration. *Theoretical Computer Science*, 211(1–2):339–374, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2718.pdf>.
- Bloo:1999:ESE**
- [1190] Roel Bloo and Herman Geuvers. Explicit substitution On the edge of strong normalization. *Theoretical Computer Science*, 211(1–2):375–395, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2719.pdf>.
- Berline:1999:DSM**
- [1191] Chantal Berline and Klaus Grue. A κ -denotational semantics for map the-

- ory in ZFC+SI. *Theoretical Computer Science*, 211(1–2):397–398, January 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/211/1-2/2936.pdf>.
- Benke:1999:SCB**
- [1192] Marcin Benke. Some complexity bounds for subtype inequalities. *Theoretical Computer Science*, 212(1–2):3–27, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2954.pdf>.
- Berarducci:1999:ICT**
- [1193] Alessandro Berarducci and Mariangiola Dezani-Ciancaglini. Infinite λ -calculus and types. *Theoretical Computer Science*, 212(1–2):29–75, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2955.pdf>.
- Boley:1999:FLI**
- [1194] Harold Boley. Functional-logic integration via minimal reciprocal extensions. *Theoretical Computer Science*, 212(1–2):77–99, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2956.pdf>.
- Bono:1999:MLC**
- [1195] Viviana Bono and Michele Bugliesi. Matching for the lambda calculus of objects. *Theoretical Computer Science*, 212(1–2):101–140, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2957.pdf>.
- Dyckhoff:1999:PPI**
- [1196] Roy Dyckhoff and Luís Pinto. Permutability of proofs in intuitionistic sequent calculi. *Theoretical Computer Science*, 212(1–2):141–155, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2958.pdf>.
- Emms:1999:ETC**
- [1197] Martin Emms and Hans Leiß. Extending the type checker of Standard ML by polymorphic recursion. *Theoretical Computer Science*, 212(1–2):157–181, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2959.pdf>.
- Honsell:1999:SAP**
- [1198] Furio Honsell and Marina Lenisa. Semantical analysis of perpetual strategies in λ -calculus. *Theoretical Computer Science*, 212(1–2):183–209, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2960.pdf>.

Intrigila:1999:ORG

- [1199] B. Intrigila and M. Venturini Zilli. Orders, reduction graphs and spectra. *Theoretical Computer Science*, 212(1–2):211–231, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2961.pdf>.

Piperno:1999:AVB

- [1200] Adolfo Piperno. An algebraic view of the Böhm-out technique. *Theoretical Computer Science*, 212(1–2):233–246, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2962.pdf>.

Schwichtenberg:1999:TPC

- [1201] Helmut Schwichtenberg. Termination of permutative conversions in intuitionistic Gentzen calculi. *Theoretical Computer Science*, 212(1–2):247–260, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2963.pdf>.

Spreen:1999:FPL

- [1202] Dieter Spreen. On functions preserving levels of approximation: A refined model construction for various lambda calculi. *Theoretical Computer Science*, 212(1–2):261–303, February 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/212/1-2/2964.pdf>. See corrigendum [1426].

Hazewinkel:1999:P

- [1203] Michiel Hazewinkel. Preface. *Theoretical Computer Science*, 213–214(1):1–3, February 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Anonymous:1999:SIV

- [1204] Anonymous. Subject index volumes 1–200. *Theoretical Computer Science*, 213–214(1):5–436, February 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Anonymous:1999:RLI

- [1205] Anonymous. Reference list of indexed articles. *Theoretical Computer Science*, 213–214(1):437–528, February 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Anonymous:1999:CIV

- [1206] Anonymous. Cumulative index volumes 1–200. *Theoretical Computer Science*, 213–214(1):529–659, February 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

Boufkhad:1999:LPI

- [1207] Y. Boufkhad and O. Dubois. Length of prime implicants and number of solutions of random CNF formulae. *Theoretical Computer Science*, 215(1–2):1–30, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3001.pdf>.

Didier:1999:CEA

- [1208] Gilles Didier. Caractérisation des N -écritures et application à l'étude des suites de complexité ultimement $n + c^{\text{ste}}$. (French) [Characterization of N -writings and application to the study of sequences of $n + c^{\text{th}}$ ultimate complexity]. *Theoretical Computer Science*, 215(1–2):31–49, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2658.pdf>.

Nourani:1999:ENH

- [1209] Yaghout Nourani and Bjarne Andresen. Exploration of NP-hard enumeration problems by simulated annealing — the spectrum values of permanents. *Theoretical Computer Science*, 215(1–2):51–68, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2666.pdf>.

Ziadi:1999:OPA

- [1210] Djelloul Ziadi and Jean-Marc Champaillard. An optimal parallel algorithm to convert a regular expression into its Glushkov automaton. *Theoretical Computer Science*, 215(1–2):69–87, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2667.pdf>.

Uehara:1999:FRN

- [1211] Ryuhei Uehara, Zhi-Zhong Chen, and Xin He. Fast RNC and NC algo-

rithms for maximal path sets. *Theoretical Computer Science*, 215(1–2):89–98, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2668.pdf>.

Clerbout:1999:SL

- [1212] Mireille Clerbout, Yves Roos, and Isabelle Ryl. Synchronization languages. *Theoretical Computer Science*, 215(1–2):99–121, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2670.pdf>.

Hagauer:1999:RMG

- [1213] Johann Hagauer, Wilfried Imrich, and Sandi Klavžar. Recognizing median graphs in subquadratic time. *Theoretical Computer Science*, 215(1–2):123–136, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2672.pdf>.

Middendorf:1999:SIT

- [1214] Martin Middendorf, Welf Löwe, and Wolf Zimmermann. Scheduling inverse trees under the communication model of the LogP-machine. *Theoretical Computer Science*, 215(1–2):137–168, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2697.pdf>.

Mihalache:1999:DPG

- [1215] Valeria Mihalache. Decidability problems in grammar systems. *Theoretical Computer Science*, 215(1–2):169–189, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2701.pdf>.

Giammarresi:1999:DGA

- [1216] Dora Giammarresi and Rosa Montalbano. Deterministic generalized automata. *Theoretical Computer Science*, 215(1–2):191–208, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2702.pdf>.

Kwon:1999:SPT

- [1217] Oh-Heum Kwon and Kyung-Yong Chwa. Scheduling parallel tasks with individual deadlines. *Theoretical Computer Science*, 215(1–2):209–223, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2714.pdf>.

Durand:1999:CDD

- [1218] Bruno Durand and Anne-Cécile Fabret. On the complexity of deadlock detection in families of planar nets. *Theoretical Computer Science*, 215(1–2):225–237, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2721.pdf>.

Kutrib:1999:PCA

- [1219] Martin Kutrib. Pushdown cellular automata. *Theoretical Computer Science*, 215(1–2):239–261, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2723.pdf>.

Buchholz:1999:EPE

- [1220] Peter Buchholz. Exact performance equivalence: An equivalence relation for stochastic automata. *Theoretical Computer Science*, 215(1–2):263–287, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2987.pdf>.

Koiran:1999:EPP

- [1221] Pascal Koiran. Elimination of parameters in the polynomial hierarchy. *Theoretical Computer Science*, 215(1–2):289–304, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3070.pdf>.

Andreae:1999:TPG

- [1222] Thomas Andreae, Felix Hartenstein, and Andrea Wolter. A two-person game on graphs where each player tries to encircle his opponent’s men. *Theoretical Computer Science*, 215(1–2):305–323, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3017.pdf>.

Grigorchuk:1999:EIL

- [1223] R. I. Grigorchuk and A. Machì. An example of an indexed language of intermediate growth. *Theoretical Computer Science*, 215(1–2):325–327, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2980.pdf>.

Bruyere:1999:PCT

- [1224] Véronique Bruyère and Christophe Reutenauer. A proof of Choffrut’s theorem on subsequential functions. *Theoretical Computer Science*, 215(1–2):329–335, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2982.pdf>.

Andersson:1999:FTC

- [1225] Arne Andersson, Peter Bro Miltersen, and Mikkel Thorup. Fusion trees can be implemented with AC⁰ instructions only. *Theoretical Computer Science*, 215(1–2):337–344, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/2990.pdf>.

Fischer:1999:MCL

- [1226] Herbert Fischer and Harley Flanders. A minimal code list. *Theoretical Computer Science*, 215(1–2):345–348, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3000.pdf>.

Csuhaj-Varju:1999:CCC

- [1227] Erzsébet Csuhaj-Varjú and György Vaszil. On the computational completeness of context-free parallel communicating grammar systems. *Theoretical Computer Science*, 215(1–2):349–358, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3010.pdf>.

Wang:1999:FTS

- [1228] Lusheng Wang and Xiaohua Jia. Fixed topology Steiner trees and spanning forests. *Theoretical Computer Science*, 215(1–2):359–370, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3026.pdf>.

Flajolet:1999:SAA

- [1229] Philippe Flajolet. Singularity analysis and asymptotics of Bernoulli sums. *Theoretical Computer Science*, 215(1–2):371–381, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3030.pdf>.

Autebert:1999:SRA

- [1230] Jean-Michel Autebert. Some results about centralized PC grammar systems. *Theoretical Computer Science*, 215(1–2):383–398, February 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/215/1-2/3031.pdf>.

- com/cas/tree/store/tcs/sub/1999/215/1-2/3074.pdf.
- Cerone:1999:TBE**
- [1231] Antonio Cerone and Andrea Maggiolo-Schettini. Time-based expressivity of time Petri nets for system specification. *Theoretical Computer Science*, 216(1–2):1–53, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2843.pdf>.
- Ferreira:1999:BTF**
- [1232] William Ferreira and Matthew Hennessy. A behavioural theory of first-order CML. *Theoretical Computer Science*, 216(1–2):55–107, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2880.pdf>.
- Zucca:1999:SDA**
- [1233] Elena Zucca. From static to dynamic abstract data-types: an institution transformation. *Theoretical Computer Science*, 216(1–2):109–157, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2947.pdf>.
- Giacobazzi:1999:RRP**
- [1234] Roberto Giacobazzi and Francesco Ranzato. The reduced relative power operation on abstract domains. *Theoretical Computer Science*, 216(1–2):159–211, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/3074.pdf>.
- Cerone:1999:TBE**
- Zhang:1999:FVP**
- [1235] Cui Zhang, Ronald A. Olsson, and Karl N. Levitt. Formal verification of a programming logic for a distributed programming language. *Theoretical Computer Science*, 216(1–2):213–235, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2770.pdf>.
- Degano:1999:NIS**
- [1236] Pierpaolo Degano and Corrado Priami. Non-interleaving semantics for mobile processes. *Theoretical Computer Science*, 216(1–2):237–270, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2772.pdf>.
- Levi:1999:CCP**
- [1237] Francesca Levi. A compositional μ -calculus proof system for statecharts processes. *Theoretical Computer Science*, 216(1–2):271–310, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2781.pdf>.
- Burmeister:1999:ATU**
- [1238] P. Burmeister, M. Monserrat, F. Rosselló, and G. Valiente. Algebraic transformation of unary partial algebras II:

- Single-pushout approach. *Theoretical Computer Science*, 216(1–2):311–362, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2817.pdf>.
- Schmidt-Schauss:1999:DBE**
- [1239] Manfred Schmidt-Schauß. Decidability of behavioural equivalence in unary PCF. *Theoretical Computer Science*, 216(1–2):363–373, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2855.pdf>.
- Leino:1999:JSS**
- [1240] K. Rustan M. Leino and Rajit Manohar. Joining specification statements. *Theoretical Computer Science*, 216(1–2):375–394, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/2984.pdf>.
- Ying:1999:SPU**
- [1241] Mingsheng Ying. A shorter proof to uniqueness of solutions of equations. *Theoretical Computer Science*, 216(1–2):395–397, March 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/216/1-2/3004.pdf>.
- Worsch:1999:PTM**
- [1242] Thomas Worsch. Parallel Turing machines with one-head control units and cellular automata. *Theoretical Computer Science*, 217(1):3–30, March 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2967.pdf>.
- Cattaneo:1999:DBC**
- [1243] G. Cattaneo, E. Formenti, L. Margara, and G. Mauri. On the dynamical behavior of chaotic cellular automata. *Theoretical Computer Science*, 217(1):31–51, March 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2968.pdf>.
- Mazoyer:1999:SOD**
- [1244] Jacques Mazoyer and Véronique Terrier. Signals in one-dimensional cellular automata. *Theoretical Computer Science*, 217(1):53–80, March 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2969.pdf>.
- Sipper:1999:CAE**
- [1245] Moshe Sipper and Marco Tomassini. Computation in artificially evolved, non-uniform cellular automata. *Theoretical Computer Science*, 217(1):81–98, March 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2970.pdf>.

Bandini:1999:MCA

- [1246] Stefania Bandini and Giancarlo Mauri. Multilayered cellular automata. *Theoretical Computer Science*, 217(1):99–113, March 28, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2971.pdf>.

Chopard:1999:LBC

- [1247] Bastien Chopard and Pascal O. Luthi. Lattice Boltzmann computations and applications to physics. *Theoretical Computer Science*, 217(1):115–130, March 28, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2972.pdf>.

Gregorio:1999:ACA

- [1248] S. Di Gregorio, R. Serra, and M. Villani. Applying cellular automata to complex environmental problems: The simulation of the bioremediation of contaminated soils. *Theoretical Computer Science*, 217(1):131–156, March 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2973.pdf>.

Bignone:1999:CML

- [1249] Franco A. Bignone. Coupled map lattices dynamics on a variable space for the study of development: A general discussion on *Caenorhabditis elegans*. *Theoretical Computer Science*, 217(1):157–172, March 28, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-

2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/1/2974.pdf>.

Sander:1999:GLA

- [1250] G. Sander. Graph layout for applications in compiler construction. *Theoretical Computer Science*, 217(2):175–214, April 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3078.pdf>.

Ganter:1999:AEB

- [1251] Bernhard Ganter. Attribute exploration with background knowledge. *Theoretical Computer Science*, 217(2):215–233, April 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3079.pdf>.

Tamassia:1999:ATP

- [1252] Roberto Tamassia. Advances in the theory and practice of graph drawing. *Theoretical Computer Science*, 217(2):235–254, April 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3080.pdf>.

Schmid:1999:BLC

- [1253] J. Schmid. Boolean layer cakes. Proceedings ORDAL '96. *Theoretical Computer Science*, 217(2):255–278, April 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3082.pdf>.

Gratzer:1999:CL

- [1254] G. Grätzer. Congruence lattices 101. *Theoretical Computer Science*, 217(2):279–289, April 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3083.pdf>.

Gratzer:1999:SCA

- [1255] G. Grätzer and E. T. Schmidt. Some combinatorial aspects of congruence lattice representations. *Theoretical Computer Science*, 217(2):291–300, April 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3084.pdf>.

Schroder:1999:AFF

- [1256] Bernd S. W. Schröder. Algorithms for the fixed point property. *Theoretical Computer Science*, 217(2):301–358, April 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3081.pdf>.

Fishburn:1999:PST

- [1257] Peter Fishburn. Preference structures and their numerical representations. *Theoretical Computer Science*, 217(2):359–383, April 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3085.pdf>.

Gumm:1999:GAL

- [1258] H. Peter Gumm. Generating algebraic laws from imperative programs. *Theo-*

retical Computer Science, 217(2):385–405, April 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3086.pdf>.

Duquenne:1999:LSD

- [1259] Vincent Duquenne. Latticial structures in data analysis. *Theoretical Computer Science*, 217(2):407–436, April 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/217/2/3087.pdf>.

Cassaigne:1999:LVR

- [1260] Julien Cassaigne. Limit values of the recurrence quotient of Sturmian sequences. *Theoretical Computer Science*, 218(1):3–12, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3056.pdf>.

deLuca:1999:CFW

- [1261] Aldo de Luca. On the combinatorics of finite words. *Theoretical Computer Science*, 218(1):13–39, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3057.pdf>.

Melancon:1999:LWS

- [1262] Guy Melançon. Lyndon words and singular factors of Sturmian words. *Theoretical Computer Science*, 218(1):

- 41–59, April 28, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3058.pdf>.
- Carpı:1999:ASS**
- [1263] Arturo Carpi. On Abelian squares and substitutions. *Theoretical Computer Science*, 218(1):61–81, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3059.pdf>.
- Castelli:1999:FWT**
- [1264] M. Gabriella Castelli, Filippo Mignosi, and Antonio Restivo. Fine and Wilf’s theorem for three periods and a generalization of Sturmian words. *Theoretical Computer Science*, 218(1):83–94, April 28, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3060.pdf>.
- Fraenkel:1999:ENS**
- [1265] Aviezri S. Fraenkel and Jamie Simpson. The exact number of squares in Fibonacci words. *Theoretical Computer Science*, 218(1):95–106, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3061.pdf>. See corrigendum [1428].
- Bruyere:1999:MBC**
- [1266] Véronique Brüyère and Dominique Perrin. Maximal bifix codes. *Theoretical Computer Science*, 218(1):107–121, April 28, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3062.pdf>.
- Karhumaki:1999:GFW**
- [1267] Juhani Karhumäki, Wojciech Plandowski, and Wojciech Rytter. Generalized factorizations of words and their algorithmic properties. *Theoretical Computer Science*, 218(1):123–133, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3063.pdf>.
- Berstel:1999:PWT**
- [1268] Jean Berstel and Luc Boasson. Partial words and a theorem of Fine and Wilf. *Theoretical Computer Science*, 218(1):135–141, April 28, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3064.pdf>.
- Allouche:1999:TFP**
- [1269] J.-P. Allouche. Transcendence of formal power series with rational coefficients. *Theoretical Computer Science*, 218(1):143–160, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3065.pdf>.
- Kolpakov:1999:RFB**
- [1270] Roman Kolpakov, Gregory Kucherov, and Yuri Tarannikov. On repetition-

- free binary words of minimal density. *Theoretical Computer Science*, 218(1):161–175, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3066.pdf>.
- Ferenczi:1999:CFF**
- [1271] Sébastien Ferenczi and Zoltán Kása. Complexity for finite factors of infinite sequences. *Theoretical Computer Science*, 218(1):177–195, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3067.pdf>.
- Crochemore:1999:CSS**
- [1272] Maxime Crochemore, Leszek Ga̧sieniec, and Wojciech Rytter. Constant-space string-matching in sublinear average time. *Theoretical Computer Science*, 218(1):197–203, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3068.pdf>.
- Iliopoulos:1999:QSC**
- [1273] Costas S. Iliopoulos and Laurent Mouchard. Quasiperiodicity and string covering. *Theoretical Computer Science*, 218(1):205–216, April 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/1/3069.pdf>.
- Mazoyer:1999:AP**
- [1274] Jacques Mazoyer, Renzo Pinzani, and Jean-Guy Penaud. Avant Propos. *Theoretical Computer Science*, 218(2):217–218, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3137.pdf>.
- Barcucci:1999:RGT**
- [1275] Elena Barcucci, Alberto Del Lungo, and Elisa Pergola. Random generation of trees and other combinatorial objects. *Theoretical Computer Science*, 218(2):219–232, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3126.pdf>.
- Denise:1999:URG**
- [1276] Alain Denise and Paul Zimmermann. Uniform random generation of decomposable structures using floating-point arithmetic. *Theoretical Computer Science*, 218(2):233–248, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3127.pdf>.
- Louchard:1999:APS**
- [1277] G. Louchard. Asymptotic properties of some underdiagonal walks generation algorithms. *Theoretical Computer Science*, 218(2):249–262, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier>.

- com/cas/tree/store/tcs/sub/1999/218/2/3128.pdf.
- Mosbah:1999:NUR**
- [1278] M. Mosbah and N. Saheb. Non-uniform random spanning trees on weighted graphs. *Theoretical Computer Science*, 218(2):263–271, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3129.pdf>.
- dAndrea:1999:MSH**
- [1279] Gilles d’Andréa and Christophe Fiorio. Maximal superpositions of horizontally convex polyominoes. *Theoretical Computer Science*, 218(2):273–283, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3130.pdf>.
- Goles:1999:TAR**
- [1280] Eric Goles and Ivan Rapaport. Tiling allowing rotations only. *Theoretical Computer Science*, 218(2):285–295, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3131.pdf>.
- Simplot:1999:CRP**
- [1281] David Simplot. A characterization of recognizable picture languages by tilings by finite sets. *Theoretical Computer Science*, 218(2):297–323, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3132.pdf>.
- Terrier:1999:TDC**
- [1282] Véronique Terrier. Two-dimensional cellular automata recognizer. *Theoretical Computer Science*, 218(2):325–346, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3133.pdf>.
- Delorme:1999:DPC**
- [1283] Marianne Delorme, Jacques Mazoyer, and Laure Tougne. Discrete parabolas and circles on 2D cellular automata. *Theoretical Computer Science*, 218(2):347–417, May 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/218/2/3134.pdf>.
- Apsitis:1999:IIR**
- [1284] Kalvis Apsītis, Setsuo Arikawa, Rūsiņš Freivalds, Eiju Hirowatari, and Carl H. Smith. On the inductive inference of recursive real-valued functions. *Theoretical Computer Science*, 219(1–2):3–17, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3089.pdf>.
- Blanck:1999:EDR**
- [1285] Jens Blanck. Effective domain representations of $H(X)$, the space of compact subsets. *Theoretical Computer Science*, 219(1–2):19–48, May 28, 1999. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3090.pdf>.
- Boldi:1999:EJ**
- [1286] Paolo Boldi and Sebastiano Vigna. Equality is a jump. *Theoretical Computer Science*, 219(1–2):49–64, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3091.pdf>.
- Brattka:1999:CSE**
- [1287] Vasco Brattka and Klaus Weihrauch. Computability on subsets of Euclidean space I: closed and compact subsets. *Theoretical Computer Science*, 219(1–2):65–93, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3092.pdf>.
- Bridges:1999:CMF**
- [1288] Douglas S. Bridges. Constructive mathematics: a foundation for computable analysis. *Theoretical Computer Science*, 219(1–2):95–109, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3093.pdf>.
- Cenzer:1999:ISC**
- [1289] Douglas Cenzer and Jeffrey B. Remmel. Index sets in computable analysis. *Theoretical Computer Science*, 219(1–2):111–150, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3094.pdf>.
- Chadzelek:1999:AM**
- [1290] Thomas Chadzelek and Günter Hotz. Analytic machines. *Theoretical Computer Science*, 219(1–2):151–167, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3095.pdf>.
- Edalat:1999:CBS**
- [1291] Abbas Edalat and Philipp Sünderhauf. Computable Banach spaces via domain theory. *Theoretical Computer Science*, 219(1–2):169–184, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3096.pdf>.
- Hemmerling:1999:AAC**
- [1292] Armin Hemmerling. On approximate and algebraic computability over the real numbers. *Theoretical Computer Science*, 219(1–2):185–223, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3097.pdf>.
- Hertling:1999:ERM**
- [1293] Peter Hertling. An effective Riemann Mapping Theorem. *Theoretical Computer Science*, 219(1–2):225–265, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3098.pdf>.

- com/cas/tree/store/tcs/sub/1999/219/1-2/3098.pdf.
- Kushner:1999:MCA**
- [1294] Boris A. Kushner. Markov's constructive analysis; a participant's view. *Theoretical Computer Science*, 219(1–2):267–285, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3099.pdf>.
- Muller:1999:CRV**
- [1295] Norbert Th. Müller. Computability on random variables. *Theoretical Computer Science*, 219(1–2):287–299, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3100.pdf>.
- Novak:1999:CUN**
- [1296] Erich Novak and Henryk Wozniakowski. On the cost of uniform and nonuniform algorithms. *Theoretical Computer Science*, 219(1–2):301–318, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3101.pdf>.
- Pour-El:1999:AIC**
- [1297] Marian Boykan Pour-El. From axiomatics to intrinsic characterization: some open problems in computable analysis. *Theoretical Computer Science*, 219(1–2):319–329, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3102.pdf>.
- Schroder:1999:OCD**
- [1298] Matthias Schröder. Online computations of differentiable functions. *Theoretical Computer Science*, 219(1–2):331–345, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3103.pdf>.
- Stoltenberg-Hansen:1999:CMC**
- [1299] Viggo Stoltenberg-Hansen and John V. Tucker. Concrete models of computation for topological algebras. *Theoretical Computer Science*, 219(1–2):347–378, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3104.pdf>.
- Tucker:1999:CWP**
- [1300] J. V. Tucker and J. I. Zucker. Computation by ‘While’ programs on topological partial algebras. *Theoretical Computer Science*, 219(1–2):379–420, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3105.pdf>.
- Weihrauch:1999:CPM**
- [1301] Klaus Weihrauch. Computability on the probability measures on the Borel sets of the unit interval. *Theoretical Computer Science*, 219(1–2):421–437, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3106.pdf>.

- [elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3106.pdf](http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3106.pdf).
- Weihrauch:1999:EGM**
- [1302] Klaus Weihrauch and Xizhong Zheng. Effectiveness of the global modulus of continuity on metric spaces. *Theoretical Computer Science*, 219(1–2):439–450, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3107.pdf>.
- Wozniakowski:1999:WDI**
- [1303] Henryk Wozniakowski. Why does information-based complexity use the real number model? *Theoretical Computer Science*, 219(1–2):451–465, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3108.pdf>.
- Yasugi:1999:EPS**
- [1304] Mariko Yasugi, Takakazu Mori, and Yoshiki Tsujii. Effective properties of sets and functions in metric spaces with computability structure. *Theoretical Computer Science*, 219(1–2):467–486, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3109.pdf>.
- Zhong:1999:CSS**
- [1305] Ning Zhong. Computability structure of the Sobolev spaces and its applications. *Theoretical Computer Science*, 219(1–2):487–510, May 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/219/1-2/3110.pdf>.
- Aguilera:1999:UHF**
- [1306] Marcos Kawazoe Aguilera, Wei Chen, and Sam Toueg. Using the heartbeat failure detector for quiescent reliable communication and consensus in partitionable networks. *Theoretical Computer Science*, 220(1):3–30, June 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3045.pdf>.
- Neiger:1999:UKO**
- [1307] Gil Neiger and Rida A. Bazzi. Using knowledge to optimally achieve coordination in distributed systems. *Theoretical Computer Science*, 220(1):31–65, June 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3046.pdf>.
- Lynch:1999:TCL**
- [1308] Nancy Lynch, Nir Shavit, Alex Shvartsman, and Dan Touitou. Timing conditions for linearizability in uniform counting networks. *Theoretical Computer Science*, 220(1):67–91, June 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3047.pdf>.

Kutten:1999:STA

- [1309] Shay Kutten and Boaz Patt-Shamir. Stabilizing time-adaptive protocols. *Theoretical Computer Science*, 220(1):93–111, June 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3048.pdf>.

Fekete:1999:ESD

- [1310] Alan Fekete, David Gupta, Victor Luchangco, Nancy Lynch, and Alex Shvartsman. Eventually-serializable data services. *Theoretical Computer Science*, 220(1):113–156, June 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3049.pdf>.

Lui:1999:SSN

- [1311] King-Shan Lui and Shmuel Zaks. Scheduling in synchronous networks and the greedy algorithm. *Theoretical Computer Science*, 220(1):157–183, June 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3050.pdf>.

Beimel:1999:RCP

- [1312] Amos Beimel and Matthew Franklin. Reliable communication over partially authenticated networks. *Theoretical Computer Science*, 220(1):185–210, June 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3051.pdf>.

Chaudhuri:1999:WFI

- [1313] Soma Chaudhuri, Maurice Herlihy, and Mark R. Tuttle. Wait-free implementations in message-passing systems. *Theoretical Computer Science*, 220(1):211–245, June 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3052.pdf>.

Gehrke:1999:RCL

- [1314] Johannes E. Gehrke, C. Greg Plaxton, and Rajmohan Rajaraman. Rapid convergence of a local load balancing algorithm for asynchronous rings. *Theoretical Computer Science*, 220(1):247–265, June 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3053.pdf>.

Mavronicolas:1999:LRW

- [1315] Marios Mavronicolas and Dan Roth. Linearizable read/write objects. *Theoretical Computer Science*, 220(1):267–319, June 06, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/1/3054.pdf>.

Ambainis:1999:OMC

- [1316] Andris Ambainis, Sanjay Jain, and Arun Sharma. Ordinal mind change complexity of language identification. *Theoretical Computer Science*, 220(2):323–343, June 17, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/2/3166.pdf>.

- Fadel:1999:HHS**
- [1317] R. Fadel, K. V. Jakobsen, J. Katajainen, and J. Teuhola. Heaps and heapsort on secondary storage. *Theoretical Computer Science*, 220(2):345–362, June 17, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/2/3167.pdf>.
- Houle:1999:ODE**
- [1318] Micheal E. Houle, Ewan Tempero, and Gavin Turner. Optimal dimension-exchange token distribution on complete binary trees. *Theoretical Computer Science*, 220(2):363–376, June 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/2/3168.pdf>.
- Liu:1999:VRS**
- [1319] Chuchang Liu and Mehmet A. Orgun. Verification of reactive systems using temporal logic with clocks. *Theoretical Computer Science*, 220(2):377–408, June 17, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/2/3169.pdf>.
- Mason:1999:ALT**
- [1320] Ian A. Mason and Carolyn L. Talcott. Actor languages: Their syntax, semantics, translation, and equivalence. *Theoretical Computer Science*, 220(2):409–467, June 17, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/2/3170.pdf>.
- Roberts:1999:LMR**
- [1321] Alan Roberts and Antonios Symvonis. On-line matching routing on trees. *Theoretical Computer Science*, 220(2):469–488, June 17, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/2/3171.pdf>.
- Zhang:1999:SCA**
- [1322] Yan Zhang. Specifying causality in action theories: a default logic approach. *Theoretical Computer Science*, 220(2):489–513, June 17, 1999. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/220/2/3172.pdf>.
- Andreev:1999:WCH**
- [1323] Alexander E. Andreev, Andrea E. F. Clementi, and José D. P. Rolim. Worst-case hardness suffices for derandomization: a new method for hardness-randomness trade-offs. *Theoretical Computer Science*, 221(1–2):3–18, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3185. ■
- Bartal:1999:LRA**
- [1324] Yair Bartal and Stefano Leonardi. Online routing in all-optical networks. *Theoretical Computer Science*, 221(1–2):19–39, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3186. ■
- Bassino:1999:ESL**
- [1325] Frédérique Bassino, Marie-Pierre Béal, and Dominique Perrin. Enumerative sequences of leaves and nodes in rational trees. *Theoretical Computer Science*, 221(1–2):41–60, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3187. ■
- Durand:1999:TQ**
- [1326] Bruno Durand. Tilings and quasiperiodicity. *Theoretical Computer Science*, 221(1–2):61–75, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3188. ■
- Erdos:1999:FLS**
- [1327] Péter L. Erdős, Michael A. Steel, László A. Székely, and Tandy J. Warnow. A few logs suffice to build (almost) all trees: Part II. *Theoretical Computer Science*, 221(1–2):77–118, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3189. ■
- Erlebach:1999:OWR**
- [1328] Thomas Erlebach, Klaus Jansen, Christos Kaklamanis, Milena Michail, and Pino Persiano. Optimal wavelength routing on directed fiber trees. *Theoretical Computer Science*, 221(1–2):119–137, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3190. ■
- Krumke:1999:IST**
- [1329] Sven O. Krumke, Hartmut Noltemeier, Hans-C. Wirth, Madhav V. Marathe, R. Ravi, S. S. Ravi, and R. Sundaram. Improving spanning trees by upgrading nodes. *Theoretical Computer Science*, 221(1–2):139–155, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3191. ■
- Manzini:1999:CEC**
- [1330] Giovanni Manzini and Luciano Margara. A complete and efficiently computable topological classification of D -dimensional linear cellular automata over Z_m . *Theoretical Computer Science*, 221(1–2):157–177, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3192. ■

Apt:1999:ECP

- [1331] Krzysztof R. Apt. The essence of constraint propagation. *Theoretical Computer Science*, 221(1–2):179–210, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3196.■

Bouajjani:1999:SRA

- [1332] Ahmed Bouajjani and Peter Habermehl. Symbolic reachability analysis of FIFO-channel systems with nonregular sets of configurations. *Theoretical Computer Science*, 221(1–2):211–250, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3194.■

Burkart:1999:MCF

- [1333] Olaf Burkart and Bernhard Steffen. Model checking the full modal mu-calculus for infinite sequential processes. *Theoretical Computer Science*, 221(1–2):251–270, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3195.■

deVink:1999:BPT

- [1334] E. P. de Vink and J. J. M. M. Rutten. Bisimulation for probabilistic transition systems: a coalgebraic approach. *Theoretical Computer Science*, 221(1–2):271–293, June

- 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3196.■

DiGianantonio:1999:ADT

- [1335] Pietro Di Gianantonio. An abstract data type for real numbers. *Theoretical Computer Science*, 221(1–2):295–326, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3197.■

Fu:1999:VMP

- [1336] Yuxi Fu. Variations on mobile processes. *Theoretical Computer Science*, 221(1–2):327–368, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3198.■

Henzinger:1999:DTC

- [1337] Thomas A. Henzinger and Peter W. Kopke. Discrete-time control for rectangular hybrid automata. *Theoretical Computer Science*, 221(1–2):369–392, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3199.■

Honda:1999:GTA

- [1338] Kohei Honda and Nobuko Yoshida. Game-theoretic analysis of call-by-

- value computation. *Theoretical Computer Science*, 221(1–2):393–456, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3200. ■
- Sangiorgi:1999:NDU**
- [1339] Davide Sangiorgi. The name discipline of uniform receptiveness. *Theoretical Computer Science*, 221(1–2):457–493, June 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=221&issue=1-2&aid=3201. ■
- Abramsky:1999:SSD**
- [1340] S. Abramsky, S. J. Gay, and R. Nagarajan. A specification structure for deadlock-freedom of synchronous processes. *Theoretical Computer Science*, 222(1–2):1–53, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=3006. ■
- Cegielski:1999:AFO**
- [1341] Patrick Cegielski and Denis Richard. On arithmetical first-order theories allowing encoding and decoding of lists. *Theoretical Computer Science*, 222(1–2):55–75, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/>
- cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=2816. ■
- File:1999:POA**
- [1342] Gilberto Filé and Francesco Ranzato. The powerset operator on abstract interpretations. *Theoretical Computer Science*, 222(1–2):77–111, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=2842. ■
- Cao:1999:OTS**
- [1343] Feng Cao and Al Borchers. Optimal transmission schedules for light-wave networks embedded with de Bruijn graphs. *Theoretical Computer Science*, 222(1–2):113–131, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=2935. ■
- Gurevich:1999:MSR**
- [1344] Yuri Gurevich and Andrei Voronkov. Monadic simultaneous rigid *E*-unification. *Theoretical Computer Science*, 222(1–2):133–152, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=2945. ■
- Marchiori:1999:DAD**
- [1345] Elena Marchiori. Design of abstract domains using first-order logic. *Theoretical Computer Science*, 222(1–2):

- 153–179, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=3041.
- Colson:1999:DFP**
- [1346] Loïc Colson. On diagonal fixed points of increasing functions. *Theoretical Computer Science*, 222(1–2):181–186, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=3135.
- Dufourd:1999:PBN**
- [1347] Catherine Dufourd and Alain Finkel. A polynomial λ -bisimilar normalization for reset Petri nets. *Theoretical Computer Science*, 222(1–2):187–194, July 06, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=222&issue=1-2&aid=3155.
- Kullmann:1999:NMS**
- [1348] O. Kullmann. New methods for 3-SAT decision and worst-case analysis. *Theoretical Computer Science*, 223(1–2):1–72, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/2848.pdf>.
- Droubay:1999:PSW**
- [1349] Xavier Droubay and Giuseppe Pirillo. Palindromes and Sturmian words. *Theoretical Computer Science*, 223(1–2):73–85, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/2724.pdf>.
- Rambow:1999:IPF**
- [1350] Owen Rambow and Giorgio Satta. Independent parallelism in finite copying parallel rewriting systems. *Theoretical Computer Science*, 223(1–2):87–120, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/2726.pdf>.
- Fouks:1999:TAT**
- [1351] Jean-Denis Fouks. Towards an algorithmic theory of adaptation. *Theoretical Computer Science*, 223(1–2):121–142, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/2747.pdf>.
- Kim:1999:HGH**
- [1352] Changwook Kim and Tae Eui Jeong. HRNCE grammars — a hypergraph generating system with an eNCE way of rewriting. *Theoretical Computer Science*, 223(1–2):143–178, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/2794.pdf>.
- Shih:1999:NPT**
- [1353] Wei-Kuan Shih and Wen-Lian Hsu. A new planarity test. *Theoretical Computer Science*, 223(1–2):179–196, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/2795.pdf>.

- puter Science*, 223(1–2):179–191, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/2942.pdf>.
- Gao:1999:NMW**
- [1354] Sui-Xiang Gao, Xiao-Dong Hu, and Weili Wu. Nontrivial monotone weakly symmetric Boolean functions with six variables are elusive. *Theoretical Computer Science*, 223(1–2):193–197, July 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/223/1-2/3154.pdf>.
- Baaz:1999:NGC**
- [1355] Matthias Baaz. Note on the generalization of calculations. *Theoretical Computer Science*, 224(1–2):3–11, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3112.
- Beklemishev:1999:PFI**
- [1356] Lev D. Beklemishev. Parameter free induction and provably total computable functions. *Theoretical Computer Science*, 224(1–2):13–33, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3113.
- Courcelle:1999:MSO**
- [1357] Bruno Courcelle. The monadic second-order logic of graphs XI: Hierarchical decompositions of connected graphs. *Theoretical Computer Science*, 224(1–2):35–58, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3114.
- Ershov:1999:S**
- [1358] Yu. L. Ershov. On d -spaces. *Theoretical Computer Science*, 224(1–2):59–72, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3115.
- Gradel:1999:LTV**
- [1359] Erich Grädel and Martin Otto. On logics with two variables. *Theoretical Computer Science*, 224(1–2):73–113, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3116.
- deGroote:1999:ACC**
- [1360] Philippe de Groote. An algebraic correctness criterion for intuitionistic multiplicative proof-nets. *Theoretical Computer Science*, 224(1–2):115–134, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- tronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3117. ■
- Heinemann:1999:TAM**
- [1361] Bernhard Heinemann. Temporal aspects of the modal logic of subset spaces. *Theoretical Computer Science*, 224(1–2):135–155, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3118. ■
- Marion:1999:MSA**
- [1362] Jean-Yves Marion. From multiple sequent for additive linear logic to decision procedures for free lattices. *Theoretical Computer Science*, 224(1–2):157–172, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3119. ■
- Lisitsa:1999:LOG**
- [1363] Alexei Lisitsa and Vladimir Sazonov. Linear ordering on graphs, anti-founded sets and polynomial time computability. *Theoretical Computer Science*, 224(1–2):173–213, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3120. ■
- Diekert:1999:SWE**
- [1364] Volker Diekert, Yuri Matiyasevich, and Anca Muscholl. Solving word equations modulo partial commutations. *Theoretical Computer Science*, 224(1–2):215–235, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3121. ■
- Otto:1999:BIP**
- [1365] Martin Otto. Bisimulation-invariant PTIME and higher-dimensional μ -calculus. *Theoretical Computer Science*, 224(1–2):237–265, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3122. ■
- Perrier:1999:PCF**
- [1366] G. Perrier. A PSPACE-complete fragment of second-order linear logic. *Theoretical Computer Science*, 224(1–2):267–289, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3123. ■
- Tseytin:1999:FRD**
- [1367] Gregory S. Tseytin. A formalization of reasoning not derived from standard predicate logic. *Theoretical Computer Science*, 224(1–2):291–317, August 6, 1999. CODEN TCSCDI. ISSN

- 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3124.
- Voronkov:1999:SRU**
- [1368] Andrei Voronkov. Simultaneous rigid E -unification and other decision problems related to the Herbrand theorem. *Theoretical Computer Science*, 224(1–2):319–352, August 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=224&issue=1-2&aid=3125.
- Pelletier:1999:RFD**
- [1369] Maryse Pelletier and Jacques Sakarovitch. On the representation of finite deterministic 2-tape automata. *Theoretical Computer Science*, 225(1–2):1–63, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/2996.pdf>.
- Crescenzi:1999:MNC**
- [1370] Pierluigi Crescenzi and Luca Trevisan. Max NP-completeness made easy. *Theoretical Computer Science*, 225(1–2):65–79, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/3014.pdf>.
- Roka:1999:SBC**
- [1371] Zsuzsanna Róka. Simulations between cellular automata on Cayley graphs. *Theoretical Computer Science*, 225(1–2):81–111, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/2749.pdf>.
- Clementi:1999:INA**
- [1372] Andrea E. F. Clementi and Luca Trevisan. Improved non-approximability results for minimum vertex cover with density constraints. *Theoretical Computer Science*, 225(1–2):113–128, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/2762.pdf>.
- Chuan:1999:SMW**
- [1373] Wai-Fong Chuan. Sturmian morphisms and α -words. *Theoretical Computer Science*, 225(1–2):129–148, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/2775.pdf>.
- Hakala:1999:SWE**
- [1374] Ismo Hakala and Juha Kortelainen. On the system of word equations $x_0 u_1^i x_1 u_2^j x_2 u_3^k x_3 = y_0 v_1^i y_1 v_2^j y_2 v_3^k y_3$ ($i = 0, 1, 2, \dots$) in a free monoid. *Theoretical Computer Science*, 225(1–2):149–161, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/2791.pdf>.

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|--|---|
| <div style="text-align: center; border: 1px solid black; padding: 2px;">Wong:1999:OPC</div> <p>[1375] Pak-Ken Wong. Optimal path cover problem on block graphs. <i>Theoretical Computer Science</i>, 225(1–2):163–169, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/2997.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Basart:1999:SCC</div> <p>[1376] J. M. Basart and P. Guitart. A solution for the coloured cubes problem. <i>Theoretical Computer Science</i>, 225(1–2):171–176, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/3139.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Gobel:1999:SRP</div> <p>[1377] Manfred Göbel. The “smallest” ring of polynomial invariants of a permutation group which has no finite SAGBI bases w.r.t. any admissible order. <i>Theoretical Computer Science</i>, 225(1–2):177–184, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/3144.pdf.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Lutz:1999:FRK</div> <p>[1378] Jack H. Lutz and David L. Schweizer. Feasible reductions to Kolmogorov–Loveland stochastic sequences. <i>Theoretical Computer Science</i>, 225(1–2):185–194, August 18, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cas/tree/store/tcs/sub/1999/225/1-2/3202.pdf.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;">Adleman:1999:SAD</div> <p>[1379] Leonard M. Adleman, Jonathan Demarais, and Ming-Deh Huang. A subexponential algorithm for discrete logarithms over hyperelliptic curves of large genus over $\text{GF}(q)$. <i>Theoretical Computer Science</i>, 226(1–2):7–18, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3222.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Chua:1999:ART</div> <p>[1380] Seng Kiat Chua, Ka Hin Leung, and San Ling. Attack on RSA-type cryptosystems based on singular cubic curves over Z/nZ. <i>Theoretical Computer Science</i>, 226(1–2):19–27, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3223.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Cusick:1999:ARC</div> <p>[1381] Thomas W. Cusick. The Ajtai random class of lattices. <i>Theoretical Computer Science</i>, 226(1–2):29–36, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3224.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;">Feng:1999:TCC</div> <p>[1382] Dengguo Feng. Three characterizations of correlation-immune functions over rings Z_N. <i>Theoretical Computer</i></p> |
|--|---|

- Science*, 226(1–2):37–43, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3225. ■
- Gollmann:1999:DBB**
- [1383] Dieter Gollmann. Dual bases and bit-serial multiplication in F_{q^n} . *Theoretical Computer Science*, 226(1–2): 45–59, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3226. ■
- Klapper:1999:AFS**
- [1384] Andrew Klapper and Jinzhong Xu. Algebraic feedback shift registers. *Theoretical Computer Science*, 226(1–2): 61–92, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3227. ■
- Niederreiter:1999:ASC**
- [1385] Harald Niederreiter and Michael Vielhaber. An algorithm for shifted continued fraction expansions in parallel linear time. *Theoretical Computer Science*, 226(1–2):93–104, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3228. ■
- Niemi:1999:EVN**
- [1386] Valtteri Niemi and Ari Renvall. Efficient voting with no selling of votes. *Theoretical Computer Science*, 226(1–2):105–116, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3229. ■
- Ruanaidh:1999:CCP**
- [1387] Joseph Ó Ruanaidh, Holger Petersen, Alexander Herrigel, Shelby Pereira, and Thierry Pun. Cryptographic copyright protection for digital images based on watermarking techniques. *Theoretical Computer Science*, 226(1–2):117–142, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3230. ■
- Tao:1999:FAP**
- [1388] Renji Tao and Shihua Chen. On finite automaton public-key cryptosystem. *Theoretical Computer Science*, 226(1–2):143–172, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3231. ■
- Varadharajan:1999:DER**
- [1389] Vijay Varadharajan, Khanh Quoc Nguyen, and Yi Mu. On the design of efficient RSA-based off-line electronic

- cash schemes. *Theoretical Computer Science*, 226(1–2):173–184, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3232. Zhang:1999:STC
- [1390] Chunru Zhang, Kwok-Yan Lam, and Sushil Jajodia. Scalable threshold closure. *Theoretical Computer Science*, 226(1–2):185–206, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3233. Zheng:1999:RTN
- [1391] Yuliang Zheng, Xian-Mo Zhang, and Hideki Imai. Restriction, terms and nonlinearity of Boolean functions. *Theoretical Computer Science*, 226(1–2):207–223, September 17, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL http://www.elsevier.com/cgi-bin/cas/tree/store/tcs/cas_sub/browse/browse.cgi?year=1999&volume=226&issue=1-2&aid=3234. Abramsky:1999:FAI
- [1392] Samson Abramsky and Guy McCusker. Full abstraction for Idealized Algol with passive expressions. *Theoretical Computer Science*, 227(1–2):3–42, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/article.pdf>. //www.elsevier.nl/gej-ng/10/41/16/151/17/17/article.pdf.
- Bierman:1999:CLC
- [1393] G. M. Bierman. A classical linear λ -calculus. *Theoretical Computer Science*, 227(1–2):43–78, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/18/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/18/article.pdf>. Danos:1999:RIO
- [1394] Vincent Danos and Laurent Regnier. Reversible, irreversible and optimal λ -machines. *Theoretical Computer Science*, 227(1–2):79–97, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/19/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/19/article.pdf>. Guerrini:1999:GTS
- [1395] Stefano Guerrini. A general theory of sharing graphs. *Theoretical Computer Science*, 227(1–2):99–151, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/20/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/20/article.pdf>. Hu:1999:CCC
- [1396] Hongde Hu and Andre Joyal. Coherence completions of categories. *The-*

- Theoretical Computer Science*, 227(1–2):153–184, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/21/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/21/article.pdf>.
- Kobayashi:1999:DCL**
- [1397] Naoki Kobayashi, Toshihiro Shimizu, and Akinori Yonezawa. Distributed concurrent linear logic programming. *Theoretical Computer Science*, 227(1–2):185–220, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/22/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/22/article.pdf>.
- Metayer:1999:PEA**
- [1398] François Métayer. Polynomial equivalence among systems LLNC, LLNC a and LLNC 0. *Theoretical Computer Science*, 227(1–2):221–229, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/23/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/23/article.pdf>.
- Turner:1999:OIL**
- [1399] David N. Turner and Philip Wadler. Operational interpretations of linear logic. *Theoretical Computer Science*, 227(1–2):231–248, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/27/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/27/article.pdf>.
- Girard:1999:DC**
- [1400] Jean-Yves Girard. On denotational completeness. *Theoretical Computer Science*, 227(1–2):249–273, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/25/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/25/article.pdf>.
- Girard:1999:CBS**
- [1401] Jean-Yves Girard. Coherent Banach spaces: a continuous denotational semantics. *Theoretical Computer Science*, 227(1–2):275–297, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/26/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/26/article.pdf>.
- Lincoln:1999:OCL**
- [1402] Patrick D. Lincoln, John C. Mitchell, and Andre Scedrov. Optimization complexity of linear logic proof games. *Theoretical Computer Science*, 227(1–2):299–331, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/27/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/27/article.pdf>.

Okada:1999:PSC

- [1403] Mitsuhiro Okada. Phase semantic cut-elimination and normalization proofs of first- and higher-order linear logic. *Theoretical Computer Science*, 227(1–2):333–396, September 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/151/17/28/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/151/17/28/article.pdf>.

Anonymous:1999:Ea

- [1404] Anonymous. Editorial(s). *Theoretical Computer Science*, 228(1–2):1–3, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/19/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/19/article.pdf>.

Gordon:1999:BTF

- [1405] Andrew D. Gordon. Bisimilarity as a theory of functional programming. *Theoretical Computer Science*, 228(1–2):5–47, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/20/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/20/article.pdf>.

Freyd:1999:B

- [1406] P. J. Freyd et al. Bireflectivity. *Theoretical Computer Science*, 228(1–2):49–76, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/24/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/24/article.pdf>.

www.elsevier.nl/gej-ng/10/41/16/158/19/21/abstract.html; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/21/article.pdf>.

Gardner:1999:CAC

- [1407] Philippa Gardner. Closed action calculi. *Theoretical Computer Science*, 228(1–2):77–103, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/22/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/22/article.pdf>.

Jeffrey:1999:FAS

- [1408] Alan Jeffrey. A fully abstract semantics for a higher-order functional language with nondeterministic computation. *Theoretical Computer Science*, 228(1–2):105–150, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/23/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/23/article.pdf>.

Jones:1999:LPC

- [1409] Neil D. Jones. LOGSPACE and PTIME characterized by programming languages. *Theoretical Computer Science*, 228(1–2):151–174, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/24/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/24/article.pdf>.

Maraist:1999:CNC

- [1410] J. Maraist, M. Odersky, D. N. Turner, and P. Wadler. Call-by-name, call-by-value, call-by-need and the linear lambda calculus. *Theoretical Computer Science*, 228(1–2):175–210, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/28/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/28/article.pdf>.

OHearn:1999:SCI

- [1411] P. W. O’Hearn, A. J. Power, M. Takeyama, and R. D. Tennent. Syntactic control of interference revisited. *Theoretical Computer Science*, 228(1–2):211–252, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/26/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/26/article.pdf>.

OHearn:1999:OIY

- [1412] Peter W. O’Hearn and Uday S. Reddy. Objects, interference, and the Yoneda embedding. *Theoretical Computer Science*, 228(1–2):253–282, October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/27/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/27/article.pdf>.

Anonymous:1999:Ia

- [1413] Anonymous. Index. *Theoretical Computer Science*, 228(1–2):283,

October 28, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/158/19/28/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/158/19/28/article.pdf>.

Anonymous:1999:Eb

- [1414] Anonymous. Editorial(s). *Theoretical Computer Science*, 229(1–2):1–2, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/19/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/19/article.pdf>.

Eiben:1999:TEA

- [1415] A. E. Eiben and G. Rudolph. Theory of evolutionary algorithms: a bird’s eye view. *Theoretical Computer Science*, 229(1–2):3–9, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/20/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/20/article.pdf>.

Lozano:1999:GAB

- [1416] J. A. Lozano, P. Larrañaga, M. Graña, and F. X. Albizuri. Genetic algorithms: bridging the convergence gap. *Theoretical Computer Science*, 229(1–2):11–22, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/21/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/21/article.pdf>.

- //www.elsevier.nl/gej-ng/10/41/16/157/19/21/article.pdf.
- He:1999:CRG**
- [1417] Jun He and Lishan Kang. On the convergence rates of genetic algorithms. *Theoretical Computer Science*, 229(1–2):23–39, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/22/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/22/article.pdf>.
- vanNimwegen:1999:SDR**
- [1418] Erik van Nimwegen, James P. Crutchfield, and Melanie Mitchell. Statistical Dynamics of the Royal Road Genetic Algorithm. *Theoretical Computer Science*, 229(1–2):41–102, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/23/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/23/article.pdf>.
- Vose:1999:RHS**
- [1419] Michael D. Vose. Random heuristic search. *Theoretical Computer Science*, 229(1–2):103–142, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/24/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/24/article.pdf>.
- Kosters:1999:FAG**
- [1420] Walter A. Kosters, Joost N. Kok, and Patrik Floréen. Fourier analysis of genetic algorithms. *Theoretical Computer Science*, 229(1–2):143–175, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/25/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/25/article.pdf>.
- Cedeno:1999:ASN**
- [1421] Walter Cedeño and V. Rao Vemuri. Analysis of speciation and niching in the multi-niche crowding GA. *Theoretical Computer Science*, 229(1–2):177–197, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/26/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/26/article.pdf>.
- Anonymous:1999:Ib**
- [1422] Anonymous. Index. *Theoretical Computer Science*, 229(1–2):199, November 6, 1999. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/157/19/27/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/157/19/27/article.pdf>.
- Boudol:2000:SCN**
- [1423] Gérard Boudol. On the semantics of the call-by-name CPS transform. *Theoretical Computer Science*, 234(1–2):309–321, March 6, 2000. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/170/21/35/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/170/21/35/article.pdf>.
- Hemaspaandra:2000:ERC**
- [1424] L. Hemaspaandra, A. Hoene, and M. Ogihara. Erratum to “Reducibility classes of P -selective sets” [Theoret. Comput. Sci. 155(2) (1996) 447–457]. *Theoretical Computer Science*, 234(1–2):323, March 6, 2000. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/170/21/36/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/170/21/36/article.pdf>. See [294].
- Bernardo:2001:CTE**
- [1425] Marco Bernardo and Roberto Gorrieri. Corrigendum to “A tutorial on EMPA: a theory of concurrent processes with nondeterminism, priorities, probabilities and time” — [Theoret. Comput. Sci. 202 (1998) 1–54]. *Theoretical Computer Science*, 254(1–2):691–694, March 6, 2001. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl.../43/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/191/20/43/article.pdf>; <http://www.elsevier.nl/PII/S0304397597001278>. See [1044].
- Spreen:2001:CFP**
- [1426] Dieter Spreen. Corrigendum to “On functions preserving levels of approxi-
- mation: a refined model construction for various lambda calculi” [Theoret. Comput. Sci. 212 (1999) 261–303]. *Theoretical Computer Science*, 266(1–2): 997–998, September 6, 2001. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.elsevier.nl/gej-ng/10/41/16/216/27/60/abstract.html>; <http://www.elsevier.nl/gej-ng/10/41/16/216/27/60/article.pdf>; <http://www.elsevier.nl/PII/S0304397598001443>. See [1202].
- Kurka:2010:EET**
- [1427] Petr Kůrka. Erratum to: Entropy of Turing machines with moving head. *Theoretical Computer Science*, 411(31–33):2999–3000, June 28, 2010. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). See [587].
- Fraenkel:2014:CEN**
- [1428] Aviezri S. Fraenkel and Jamie Simpson. Corrigendum to “The exact number of squares in Fibonacci words” [Theoret. Comput. Sci. 218 (1) (1999) 95–106]. *Theoretical Computer Science*, 547(?):122, August 28, 2014. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514004356>. See [1265].