References

[1] Alfons Avermiddig, Manfred Kunde, and Andre Osterloh. $k-k$-sorting on the multi-mesh. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 93–104. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[2] Eric Badouel and Philippe Darondeau. Stratified petri nets. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 117–128. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[3] Eike Best and Thomas Thielke. Refinement of coloured petri nets. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 105–116. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[4] Antonio Calabrese. Distributed acyclic orientation of asynchronous anonymous networks. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 129–137. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[5] Christian Choffrut and Leucio Guerra. Generalized rational relations and their logical difinability. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 138–149. Springer-Verlag,

Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[6] Krzysztof Ciebiera and Adam Malinowski. A note on broadcasting with linearly bounded transmission faults in constant degree networks. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 150–156. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[7] Felipe Cucker and Klaus Meer. Logics which capture complexity classes over the reals. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 157–167. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[8] Frank Drewes, Hans-Jörg Kreowski, and Denis Lapoire. Criteria to disprove context-freeness of collage languages. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 169–178. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[9] Thomas Eiter and Georg Gottlob. The complexity class θ_2^p: Recent results and applications in ai and modal logic. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 1–18. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[10] Anna E. Frid. The subword complexity of fixed points of binary uniform morphisms. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computa-*

tation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997), volume 1279 of *LNCS*, pages 179–187. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[11] Leszek Gąsieniec and Piotr Indyk. Efficient parallel computing with memory faults. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 188–197. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[12] Damas P. Gruska. Bounded concurrency. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 198–209. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[13] Mikael Hammar and Bengt J. Nilsson. Concerning the time bounds of existing shortest watchman route algortihms. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 210–221. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[14] Edith Hemaspaandra, Lane A. Hemaspaandra, and Harald Hempel. Query order in the polynomial hierarchy. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 222–232. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[15] Rolf Hennicker and Martin Wirsing. Proof systems for structured algebraic specifications: An overview. In Bogdan S. Chlebus and Ludwik

Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 19–37. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[16] Ulrich Hertrampf. Polynomial time machines equipped with word problems over algebraic strutctures as their acceptance criteria. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 233–244. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[17] Juhani Karhumäki, Wojciech Plandowski, and Wojciech Rytter. Pattern-matching problems for 2-dimensional images described by finite automata. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 245–256. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[18] Ulla Koppenhagen and Ernst W. Mayr. The complexity of the coverability, the containment, and the equivalence problems for commutative semigroups. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 257–268. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[19] Manfred Kudlek, Solomon Marcus, and Alexandru Mateescu. Contextual grammars with distributed catenation and shuffle. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume

1279 of *LNCS*, pages 269–280. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[20] Armin Kühnemann. A two-dimensional hierarchy for attributed tree transducers. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 281–292. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[21] Salvatore la Torre, Margherita Napoli, and Mimmo Parente. Synchronization of 1-way connected processors. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 293–304. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[22] Christos Levcopoulos and Joachim Gudmundsson. A linear-time heuristic for minimum rectangular coverings. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 305–316. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[23] Ming Li and Paul Vitányi. Average-case analysis via incompressibility. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 38–50. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[24] Irina A. Lomazova. On occurrence net semantics for petri nets with contacts. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computa-*

tation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997), volume 1279 of *LNCS*, pages 317–328. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[25] Bruno Martin. Cellular automata universality revisited. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 329–339. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[26] Marios Mavronicolas and Nikos Papadakis. Trade-off results for connection management. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 340–351. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[27] Antoni Mazurkiewicz. Locally computable enumerations. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 51–66. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[28] Markus E. Nebel. On the average complexity of the membership problem for a generalized dyck language. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 352–363. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[29] Rolf Niedermeier, Klaus Reinhardt, and Peter Sanders. Towards optimal locality in mesh-indexings. In Bogdan S. Chlebus and Ludwik

Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 364–375. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[30] Elizaveta A. Okol'nishnikova. On the hierarchy of nondeterministic branching k-programs. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 376–387. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[31] Friedrich Otto and Andrea Sattler-Klein. Fdt is undecidable for finitely presented monoids with solvable word problems. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 388–399. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[32] Holger Petersen. The equivalence of pebbles and sensing heads for finite automata. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 400–410. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[33] A. Rabinovich and B.A. Trakhtenbrot. From finite automata toward hybrid systems. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 411–422. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[34] Zenon Sadowski. On an optimal quantified propositional proof system and a complete language for $np\cap$ co-np. In Bogdan S. Chlebus and Lud-

wik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 423–428. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[35] Sven Schuierer. Lower bounds in on-line geometric searching. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 429–440. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[36] Daniel A. Spielman. The complexity of error-correcting codes. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 67–84. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[37] Frank C. Stephan and Sebastiaan A. Terwijn. The complexity of universal text-learners. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 441–451. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[38] Eli Upfal. Stochastic analysis of dynamic processes. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 85–92. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[39] Rakesh M. Verma. Unique normal forms for nonlinear term rewriting systems: Root overlaps. In Bogdan S. Chlebus and Ludwik Czaja,

editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 452–462. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.

[40] Irina Virbitskaite and Anzhelika Votintseva. Behavioural characterizations of partial order logics. In Bogdan S. Chlebus and Ludwik Czaja, editors, *Proceedings of the 11th International Symposium on Fundamentals of Computation Theory, FCT'97 (Kraków, Poland, September 1-3, 1997)*, volume 1279 of *LNCS*, pages 463–474. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Budapest-Hong Kong-London-Milan-Paris-Santa Clara-Singapore-Tokyo, 1997.