

References

- [1] I.J. Aalbersberg and H.J. Hoogeboom. Decision problems for regular trace languages. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 250–259. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [2] A. Aggarwal and J.S. Vitter. The i/o complexity of sorting and related problems. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 467–478. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [3] J.C.M. Baeten and R.J. van Glabbeek. Another look at abstraction in process algebra. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 84–94. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [4] D.A. Barrington and D. Thérien. Non-uniform automata over groups. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 163–173. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [5] M. Beaudry. Testing membership in commutative transformation semi-groups. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 542–549. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [6] D. Beauquier. Minimal automaton of a rational cover. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata,*

Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987), volume 267 of *LNCS*, pages 174–189. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [7] J. Cai and G.E. Meyer. On the complexity of graph critical uncolorability. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 394–403. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [8] C. Choffrut and C. Duboc. A star-height problem in free monoids with partial commutations. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 190–201. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [9] M.P. Chytil and J. Demner. Panic mode without panic. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 260–268. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [10] V. Diekert. On the knuth-bendix completion for concurrent processes. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 42–53. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [11] M. Dietzfelbinger. Lower bounds for sorting of sums. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 457–466. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [12] P. Dybjer. Inverse image analysis. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and*

Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987), volume 267 of *LNCS*, pages 21–30. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [13] H. Edelsbrunner, G. Rote, and E. Welzl. Testing the necklace condition for shortest tours and optimal factors in the plane. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 364–375. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [14] A. Finkel. A generalization of the procedure of karp and miller to well structured transition systems. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 499–508. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [15] G. Gambosi, J. Nešetřil, and M. Talamo. Posets, boolean representations and quick path searching. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 404–424. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [16] R. Gerth and A. Boucher. A timed failures model for extended communicating processes. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 95–114. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [17] S. Graf and J. Sifakis. Readiness semantics for regular processes with silent actions. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 115–125. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [18] T. Hafer and W. Thomas. Computation tree logic ctl^* and path quantifiers in the monadic theory of the binary tree. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 269–279. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [19] T. Hagerup, M. Chrobak, and K. Diks. Parallel 5-colouring of planar graphs. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 304–313. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [20] S. Hölldobler. A unification algorithm for confluent theories. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 31–41. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [21] R.R. Howell and L.E. Rosier. Completeness results for reachability, containment, and equivalence with respect to conflict-free vector replacement systems. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 509–520. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [22] J. Hsiang and M. Rusinowitch. On word problems in equational theories. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 54–71. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [23] O.H. Ibarra and T. Jiang. On the computing power of one-way cellular arrays. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming*,

ICALP'87 (Karlsruhe, Germany, July 13-17, 1987), volume 267 of *LNCS*, pages 550–562. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [24] J.H. Johnson. Single-valued finite transduction. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 202–211. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [25] B. Josko. Modelchecking of *ctl* formulae under liveness assumptions. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 280–289. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [26] J. Karhumäki. On recent trends in formal language theory. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 136–162. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [27] H.-J. Kreowski. Partial algebras flow from algebraic specifications. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 521–530. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [28] W. Kuich. The kleene and the parikh theorem in complete semirings. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 212–225. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [29] G.M. Landau, B. Schieber, and U. Vishkin. Parallel construction of a suffix tree. In Th. Ottmann, editor, *Proceedings of the 14th In-*

ternational Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987), volume 267 of *LNCS*, pages 314–325. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [30] K.-J. Lange, B. Jenner, and B. Kirsig. The logarithmic alternation hierarchy collapses: $a\sigma_2^\uparrow = a\pi_2^\uparrow$. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 531–541. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [31] K.G. Larsen and R. Milner. Verifying a protocol using relativized bisimulation. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 126–135. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [32] C. Levcopoulos, A. Lingas, and J.-R. Sack. Nearly optimal heuristics for binary search trees with geometric generalizations. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 376–385. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [33] M. Li and Y. Yesha. The probabilistic and deterministic parallel complexity of symmetric functions. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 326–335. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [34] K. Lodaya and P.S. Thiagarajan. A modal logic for a subclass of event structures. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 290–303. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [35] A. Marchetti-Spaccamela and C. Vercellis. Efficient on-line algorithms for the knapsack problem. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 445–456. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [36] K. Mehlhorn, S. Näher, and H. Alt. A lower bound for the complexity of the union-split-find problem. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 479–488. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [37] Y. Métivier. An algorithm for computing asynchronous automata in the case of acyclic non-commutation graphs. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 226–236. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [38] S. Miyano. The lexicographically first maximal subgraph problems: p -completeness and nc algorithms. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 425–434. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [39] N.Th. Müller. Uniform computational complexity of taylor series. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 435–444. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [40] M.A. Nait Abdallah. Logic programming with ions. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 11–20. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [41] A. Paz and C.P. Schnorr. Approximating integer lattices by lattices with cyclic factor groups. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 386–393. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [42] J.E. Pin. On the languages accepted by finite reversible automata. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 237–249. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [43] L. Pitt and C.H. Smith. Probability and plurality for aggregations of learning machines. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 1–10. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [44] R. Ramesh, R.M. Verma, T. Krishnaprasad, and I.V. Ramakrishnan. Term matching on parallel computers. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 336–346. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [45] J.T. Schwartz and M. Sharir. On the bivariate function minimization problem and its applications to motion planning. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 357–363. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [46] R.K. Shyamasundar, K.T. Narayana, and T. Pitassi. Semantics for nondeterministic asynchronous broadcast networks. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata,*

Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987), volume 267 of *LNCS*, pages 72–83. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.

- [47] A.K. Tsakalidis. The nearest common ancestor in a dynamic tree. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 489–498. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [48] L.G. Valiant. Recent developments in the theory of learning. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, page 563. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.
- [49] Jan van Leeuwen, N. Santoro, J. Urrutia, and S. Zaks. Guessing games and distributed computations in synchronous networks. In Th. Ottmann, editor, *Proceedings of the 14th International Colloquium on Automata, Languages and Programming, ICALP'87 (Karlsruhe, Germany, July 13-17, 1987)*, volume 267 of *LNCS*, pages 347–356. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong, 1987.