

## References

- [1] Srinivasa R. Arikati, Shiva Chaudhuri, and Christos D. Zaroliagis. All-pairs min-cut in sparse networks. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 363–376. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [2] Eugene Asarin and Oded Maler. Achilles and the tortoise climbing up the arithmetical hierarchy. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 471–483. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [3] R. Balasubramanian and Venkatesh Raman. Path balance heuristic for self-adjusting binary search trees. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 338–348. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [4] Peter Baumann and Karl Lermer. A framework for the specification of reactive and concurrent systems in  $z$ . In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 62–79. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [5] Andrea Bianco and Luca de Alfaro. Model checking of probabilistic and nondeterministic systems. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 499–513. Springer-

Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [6] Sandip K. Biswas and Sampath Kannan. Minimizing space usage in evaluation of expression trees. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 377–390. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [7] Michele Boreale and Luca Trevisan. On the complexity of bisimilarity for value-passing processes. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 294–308. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [8] I.A. Browne, Z. Manna, and H.B. Sipma. Generalized temporal verification diagrams. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 484–498. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [9] Paul Caspi, Jean-Claude Fernandez, and Alain Girault. An algorithm for reducing binary branchings. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 279–293. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [10] Pallub Dasgupta, P.P. Chakrabarti, and S.C. DeSarkar. A near optimal algorithm for the extended cow-path problem in the presence of relative errors. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer*

*Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 22–36. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [11] Nick D. Dendris, Lefteris M. Kirousis, Yannis C. Stamatiou, and Dimitris M. Thilikos. Partiality and approximation schemes for local consistency in networks of constraints. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 210–224. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [12] Ajit A. Diwan and N. Usharani. A condition for the three colourability of planar locally path graphs. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 52–61. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [13] Ashvin Dsouza and Bard Bloom. On the expressive power of ccs. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 309–323. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [14] Herbert Edelsbrunner. Smooth surfaces for multi-scale shape representation. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 391–412. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [15] Frank Follert, Elmar Schömer, Jürgen Sellen, Michiel Smid, and Christian Thiel. Computing a largest empty anchored cylinder, and related problems. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer*

- Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 428–442. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [16] Jacques Garrigue. The transformation calculus. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 151–165. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
  - [17] Jozef Hooman. Verifying part of the access.bus protocol using pvs. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 96–110. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
  - [18] Sanjay Jain. Branch and bound on the network model. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 11–21. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
  - [19] Deepak Kapur and G. Sivakumar. Maximal extensions of simplification orderings. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 225–239. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
  - [20] Nils Klarlund, Madhavan Mukund, and Milind Sohoni. Determinizing büchi asynchronous automata. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 456–470. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [21] S. Rao Kosaraju. Pattern matching in compressed texts. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 349–362. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [22] Drago Krznaric and Christos Levcopoulos. Computing hierarchies of clusters from the euclidean minimum spanning tree in linear time. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 443–455. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [23] Christos Levcopoulos, Andrzej Lingas, and Cao Wang. On parallel complexity of planar triangulations. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 413–427. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [24] Mogens Nielsen and Allan Cheng. Observing behaviour categorically. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 263–278. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [25] Martin Odersky. Polarized name passing. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 324–337. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [26] Prakash Panangaden. The expressive power of indeterminate primitives in asynchronous computation. In P.S. Thiagarajan, editor, *Pro-*

*ceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 124–150. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [27] Mike Paterson, Shlomit Tassa, and Uri Zwick. Looking for mum and dad: Text-text comparisons do help. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 1–10. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [28] Luigi Petrone. Reusing batch parsers as incremental parsers. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 111–123. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [29] S. Ravikumar and D. Sivakumar. On self-testing without the generator bottleneck. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 248–262. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [30] Michel Raynal and André Schiper. From causal consistency to sequential consistency in shared memory systems. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 180–194. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [31] Abhik Roychoudhury and Susmita Sur-Kolay. Efficient algorithms for vertex arboricity of planar graphs. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India,*

*December 18-20, 1995*), volume 1026 of *LNCS*, pages 37–51. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.

- [32] Rainer Schuler. Average polynomial time is hard for exponential time under sn-reductions. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 240–247. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [33] Jerzy Tiuryn. Equational axiomatization of bicoercibility for polymorphic types. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 166–179. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [34] Alexander I. Tomlinson and Vijay K. Garg. Observation of software for distributed systems with rcl. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 195–209. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.
- [35] J. Zwiers, U. Hannemann Y. Lakhneche, and W.-P. de Roever. Synthesizing different development paradigms: Combining top-down with bottom-up reasoning about distributed systems. In P.S. Thiagarajan, editor, *Proceedings of the 15th Conference on Foundations of Software Technology and Theoretical Computer Science, FST&TCS'95 (Bangalore, India, December 18-20, 1995)*, volume 1026 of *LNCS*, pages 80–95. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1995.