

## References

- [1] Sergei Abramov and Robert Glück. Combining semantics with non-standard interpreter hierarchies. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 201–213. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [2] Bharat Adsul, Aranyak Mehta, and Milind Sohoni. Keeping track of the latest gossip in shared memory systems. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 477–488. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [3] Foto Afrati, Evripidis Bampis, Aleksei V. Fishkin, Klaus Jansen, and Claire Kenyon. Scheduling to minimize the average completion time of dedicated tasks. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 454–464. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [4] Amihood Amir, Moshe Lewenstein, and Ely Porat. Approximate swapped matching. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 302–311. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [5] David Basin, Manuel Clavel, and José Meseguer. Rewriting logic as a metalogical framework. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000*

(New Delhi, India, December 13-15, 2000), volume 1974 of LNCS, pages 55–80. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [6] Surender Baswana and Sandeep Sen. Planar graph blocking for external searching. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of LNCS, pages 252–263. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [7] Peter Buneman, Sanjeev Khanna, and Wang-Chiew Tan. Data provenance: Some basic issues. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of LNCS, pages 87–93. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [8] Bernard Chazelle. Irregularities of distribution, derandomization, and complexity theory. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of LNCS, pages 46–54. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [9] Rance Cleaveland and Gerald Lüttgen. A semantic theory for heterogeneous system design. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of LNCS, pages 312–324. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [10] Pilu Crescenzi, Alberto Del Lungo, Roberto Grossi, Elena Lodi, Linda Pagli, and Gianluca Rossi. Text sparsification via local maxima. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer*

*Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 290–301. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [11] Marina De Vos and Dirk Vermeir. Dynamically ordered probabilistic choice logic programming. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 227–239. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [12] Pietro Di Gianantonio and Gianluca Franco. The fine structure of game lambda models. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 429–441. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [13] E. Allen Emerson. Model checking: Theory into practice. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 1–10. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [14] Michael R. Fellows, Catherine McCartin, Frances A. Rosamond, and Ulrike Stege. Coordinatized kernels and catalytic reductions: An improved fpt algorithm for max leaf spanning tree and other problems. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 240–251. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [15] Mary Fernandez, Jerome Simeon, and Philip Wadler. An algebra for xml query. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 11–45. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [16] Cédric Fournet, Cosimo Laneve, Luc Maranget, and Didier Rémy. Inheritance in the join calculus. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 397–408. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [17] Yuxi Fu and Zhenrong Yang. The ground congruence for chi calculus. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 385–396. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [18] Toshihiro Fujito. On approximability of the independent/connected edge dominating set problems. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 117–126. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [19] Christian Glaßer and Heinz Schmitz. Decidable hierarchies of star-free languages. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 503–515. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [20] Martin Grötschel. Frequency assignment in mobile phone systems. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 81–86. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [21] Dimitar P. Guelev. A complete fragment of higher-order duration  $\mu$ -calculus. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 264–276. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [22] Michael T. Hallett and Jens Lagergren. Hunting for functionally analogous genes. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 465–476. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [23] Bala Kalyanasundaram and Kirk Pruhs. Dynamic spectrum allocation: The impotency of duration notification. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 421–428. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [24] Johannes Köbler and Wolfgang Lindner. On distribution-specific learning with membership queries versus pseudorandom generation. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 336–347. Springer-Verlag, Berlin-Heidelberg-

New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [25] Johannes Köbler and Jochen Messner. Is the standard proof system for sat  $p$ -optimal? In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 361–372. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [26] Barbara König. A general framework for types in graph rewriting. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 373–384. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [27] Ajay D. Kshemkalyani. Concurrent knowledge and logical clock abstractions. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 489–502. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [28] Orna Kupferman, Nir Piterman, and Moshe Y. Vardi. Fair equivalence relations. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 151–163. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [29] Salvatore La Torre and Margherita Napoli. A decidable dense branching-time temporal logic. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New*

*Delhi, India, December 13-15, 2000*), volume 1974 of *LNCS*, pages 139–150. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [30] Stefano Leonardi, Alberto Marchetti-Spaccamela, and Andrea Vitaletti. Approximation algorithms for bandwidth and storage allocation problems under real time constraints. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 409–420. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [31] Huimin Lin and Wang Yi. A complete axiomatisation for timed automata. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 277–289. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [32] Olivier Ly. The bounded weak monadic quantifier alternation hierarchy of equational graphs is infinite. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 188–200. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [33] Pierre McKenzie, Heribert Vollmer, and Klaus W. Wagner. Arithmetic circuits and polynomial replacement systems. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 164–175. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [34] Lene Monrad Favrholdt and Morten Nyhave Nielsen. On-line edge-coloring with a fixed number of colors. In Sanjiv Kapoor and Sanjiva

Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 106–116. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [35] Michel Parigot. Strong normalization of second order symmetric  $\lambda$ -calculus. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 442–453. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [36] Sachin B. Patkar and H. Narayanan. Fast on-line/off-line algorithms for optimal reinforcement of a network and its connections with principal partition. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 94–105. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [37] Jaikumar Radhakrishnan, Pranab Sen, and Sundar Vishwanathan. Depth-3 arithmetic circuits for  $s_n^2(x)$  and extensions of the graham-pollack theorem. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 176–187. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [38] Ekaterina Sedletsky, Amir Pnueli, and Mordechai Ben-Ari. Formal verification of the ricart-agrawala algorithm. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 325–335. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

- [39] Jan-Georg Smaus, François Fages, and Pierre Deransart. Using modes to ensure subject reduction for typed logic programs with subtyping. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 214–226. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [40] Holger Spakowski and Jörg Vogel.  $\theta_2^p$ -completeness: A classical approach for new results. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 348–360. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [41] Igor Walukiewicz. Model checking ctl properties of pushdown systems. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 127–138. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.
- [42] Jens R. Woinowski. Prefix languages of church-rosser languages. In Sanjiv Kapoor and Sanjiva Prasad, editors, *Proceedings of the 20th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'2000 (New Delhi, India, December 13-15, 2000)*, volume 1974 of *LNCS*, pages 516–529. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.