References

[1] Martín Abadi, Cédric Fournet, and Georges Gonthier. A top-down look at a secure message. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 122–141. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[2] Srinivas Aluru and Fatih E. Sevilgen. Dynamic compressed hyperoctrees with application to the *n*-body problem. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 21–33. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[3] Roberto M. Amadio, Gérard Boudol, and Cédric Lhoussaine. The receptive distributed π-calculus. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 304–315. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[4] Matthias Baaz, Agata Ciabattoni, Christian Fermüller, and Helmut Veith. On the undecidability of some sub-classical first-order logics. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 258–268. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[5] Luca Becchetti, Miriam di Ianni, and Alberto Marchetti-Spaccamela. Approximation algorithms for routing and call scheduling in all-optical

chains and rings. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 201–212. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[6] Nicole Bidoit and Sandra de Amo. Implicit temporal query languages: Towards completeness. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 245–257. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[7] Ilaria Castellani, Madhavan Mukund, and P.S. Thiagarajan. Synthesizing distributed transition systems from global specifications. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 219–231. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[8] L. Sunil Chandran. A high girth graph construction and a lower bound for hitting set size for combinatorial rectangles. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 283–290. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[9] Jeet Chaudhuri and Subhas C. Nandy. Largest empty rectangle among a point set. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages

34–46. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[10] Flavio Corradini, Rocco de Nicola, and Anna Labella. Graded modalities and resource bisimulation. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 381–393. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[11] Erik D. Demaine and Ian J. Munro. Fast allocation and deallocation with an improved buddy system. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 84–96. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[12] Jürgen Dix and Karl Schlechta. Explaining updates by minimal sums. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 142–154. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[13] Deepak D'Souza and P.S. Thiagarajan. Product interval automata: A subclass of timed automata. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 60–71. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[14] Zoltán Ésik and Satoshi Okawa. Series and parallel operations on pomsets. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages

316–328. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[15] Rolf Fagerberg. The complexity of rebalancing a binary search tree. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 72–83. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[16] Naveen Garg, Sachin Jain, and Chaitanya Swamy. A randomized algorithm for flow shop scheduling. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 213–218. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[17] Bernhard Heinemann. On sets growing continuously. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 420–431. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[18] Philippe Herrmann. Renaming is necessary in timed regular expressions. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 47–59. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[19] Michael Huth. A unifying framework for model checking labeled kripke structures, modal transition systems, and interval transition systems. In C. Pandu, Rangan, V. Raman, and R. Ramanujam,

editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 369–380. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[20] Lila Kari, Mark Daley, Greg Gloor, Rani Siromoney, and Laura F. Landweber. How to compute with dna. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 269–282. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[21] Jean-Jacques Lévy and Luc Maranget. Explicit substitutions and programming languages. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 181–200. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[22] Christof Löding. Optimal bounds for transformations of ω-automata. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 97–109. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[23] James J. Lu, Neil V. Murray, and Erik Rosenthal. A foundation for hybrid knowledge bases. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 155–167. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[24] Kurt Mehlhorn. The engineering of some bipartite matching programs. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, edi-

tors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 446–449. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[25] Achour Mostéfaoui and Michel Raynal. Unreliable failure detectors with limited scope accuracy and an application to consensus. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 329–340. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[26] Supratik Mukhopadhyay and Andreas Podelski. Beyond region graphs: Symbolic forward analysis of timed automata. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 232–244. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[27] Martin Sauerhoff. Computing with restricted nondeterminism: The dependence of the obdd size on the number of nondeterministic variables. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 342–355. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[28] Christian Schindelhauer and Andreas Jakoby. The non-recursive power of erroneous computation. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages

394–406. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[29] Jörg Schwerdt, Michiel Smid, Ravi Janardan, Eric Johnson, and Jayanth Majhi. Protecting facets in layered manufacturing. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 291–303. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[30] Micha Sharir. Recent developments in the theory of arrangements of surfaces. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 1–20. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[31] Detlef Sieling. Lower bounds for linear transformed obdds and fbdds. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 356–368. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[32] Seinosuke Toda. Graph isomorphism: Its complexity and algorithms. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 341–341. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[33] Ron van der Meyden and Nikolay V. Shilov. Model checking knowledge and time in systems with perfect recall. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference*

on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999), volume 1738 of *LNCS*, pages 432–445. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[34] David von Oheimb. Hoare logic for mutual recursion and local variables. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 168–180. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[35] Thomas Wilke. Ctl$^+$ is exponentially more succinct than ctl. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 110–121. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.

[36] Tomoyuki Yamakami. Analysis of quantum functions. In C. Pandu, Rangan, V. Raman, and R. Ramanujam, editors, *Proceedings of the 19th Conference on Foundations of Software Technology and Theoretical Computer Science, FSTTCS'99 (Chennai, India, December 13-15, 1999)*, volume 1738 of *LNCS*, pages 407–419. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 1999.