# References


[1] Martín Abadi and Phillip Rogaway. Reconciling two views of cryptography (the computational soundness of formal encryption). In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 3–22. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[2] Andreas Albrecht and Chak-Kuen Wong. On logarithmic simulated annealing. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 301–314. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[3] Giorgio Ausiello. Algorithm design challenges. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 602–603. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[4] Carlo Blundo and Clemente Galdi. Steganography using modern arts. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 140–151. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[5] Endre Boros, Toshihide Ibaraki, and Kazuhisa Makino. Fully consistent extensions of partially defined boolean functions with missing bits. In

J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 257–272. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[6] Valentin E. Brimkov and Stefan S. Dantchev. On the complexity of integer programming in the blum-shub-smale computational model. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 286–300. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[7] Roberto Bruni, Ugo Montanari, and Vladimiro Sassone. Open ended systems, dynamic bisimulation and tile logic. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 440–456. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[8] Thomas Buchholz, Andreas Klein, and Martin Kutrib. Real-time language recognition by alternating cellular automata. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 213–225. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[9] Luca Cardelli, Giorgio Ghelli, and Andrew D. Gordon. Ambient groups and mobility types. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai,*

*Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 333–347. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[10] Michel Charpentier and K. Mani Chandy. Reasoning about composition using property transformers and their conjugates. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 580–595. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[11] Yoojin Chung, Kunsoo Park, and Hyuk-Chul Kwon. An efficient parallel algorithm for scheduling interval ordered tasks. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 100–111. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[12] Silvano Dal Zilio. An interpretation of typed concurrent objects in the blue calculus. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 409–424. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[13] Joëlle Despeyroux. A higher-order specification of the $\pi$-calculus. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 425–439. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[14] Stephan Eidenbenz and Christoph Stamm. Maximum clique and minimum clique partition in visibility graphs. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 200–212. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[15] Marcelo P. Fiore. Fibred models of processes: Discrete, continuous, and hybrid systems. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 457–473. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[16] Philippe Flajolet, Kostas Hatzis, Sotiris Nikoletseas, and Paul Spirakis. Trade-offs between density and robustness in random interconnection graphs. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 152–168. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[17] Cédric Fournet, Jean-Jacques Lévy, and Alan Schmitt. An asynchronous, distributed implementation of mobile ambients. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 348–364. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[18] Kimmo Fredriksson, Gonzalo Navarro, and Esko Ukkonen. An index for two dimensional string matching allowing rotations. In J. van

Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 59–75. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[19] Ken-Etsu Fujita and Aleksy Schubert. Partially typed terms between church-style and curry-style. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 505–520. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[20] Jozef Gruska. New challenges for theoretical computer science. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 599–601. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[21] Jozef Gruska. Quantumization of theoretical informatics. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 604–608. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[22] Masami Hagiya. Theory and construction of molecular computers. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 23–24. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[23] Thomas A. Henzinger. Masaccio: A formal model for embedded components. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 549–563. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[24] Chang-Sung Jeong, Sung-Up Cho, Sun-Chul Whang, and Mi-Young Choi. Parallel edge coloring of a tree on a mesh connected computer. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 76–83. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[25] Yukiyoshi Kameyama. A type-theoretic study on partial continuations. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 489–504. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[26] Naoki Kobayashi. Type systems for concurrent processes: From deadlock-freedom to livelock-freedom, time-boundedness. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 365–389. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[27] Karl Lermer and Paul Strooper. A single complete refinement rule for demonic specifications. In J. van Leeuwen, O. Watanabe,

M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 564–579. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[28] Christof Löding and Wolfgang Thomas. Alternating automata and logics over infinite words. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 521–535. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[29] Yann Loyer, Nicolas Spyratos, and Daniel Stamate. Hypothesis support for information integration in four-valued logics. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 536–548. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[30] Bruno Martin. Damage spreading and $\mu$-sensitivity on cellular automata. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 226–242. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[31] Giancarlo Mauri and Giulio Pavesi. Approximation algorithms for string folding problems. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, Au-*

*gust 17-19, 2000)*, volume 1872 of *LNCS*, pages 45–58. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[32] Ernst W. Mayr. It is on the boundary: Complexity considerations for polynomial ideals. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 99–99. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[33] Richard Mayr. On the complexity of bisimulation problems for pushdown automata. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 474–488. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[34] Massimo Merro, Josva Kleist, and Uwe Nestmann. Local $\pi$-calculus at work: Mobile objects as mobile processes. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 390–408. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[35] Sounaka Mishra and Kripasindhu Sikdar. On the hardness of approximating some *np*-optimization problems related to minimum linear ordering problem. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 186–199. Springer-Verlag, Berlin-Heidelberg-

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

[36] Takaaki Mizuki, Hiroki Shizuya, and Takao Nishizeki. Characterization of optimal key set protocols. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 273–285. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[37] Ugo Montanari. Two problems in wide area network programming. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 609–611. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[38] Peter D. Mosses. The varieties of programming language semantics. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 624–628. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[39] Gordon D. Plotkin. Some new directions in the syntax and semantics of formal languages. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 596–596. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[40] Olivier Sarzeaud and Yann Stéphan. Fast interpolation using kohonen self-organizing neural networks. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the*

*International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 126–139. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[41] Evgeny V. Shchepin and Nodari N. Vakhania. Task distributions on multiprocessor systems. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 112–125. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[42] Madhu Sudan. List decoding: Algorithms and applications. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 25–41. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[43] Satoshi Taoka and Toshimasa Watanabe. The $(\sigma + 1)$-edge-connectivity augmentation problem without creating multiple edges of a graph. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 169–185. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[44] Shu Tezuka. Discrepancy theory and its application to finance. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 243–256. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[45] Yoshihito Toyama. New challenges for computational models. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 612–613. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[46] Ryuhei Uehara and Zhi-Zhong Chen. Parallel approximation algorithms for maximum weighted matching in general graphs. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 84–98. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[47] Jan van Leeuwen and Jiří Wiedermann. On the power of interactive computing. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 619–623. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[48] Jiří Wiedermann. Towards a computational theory of everything. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages 614–615. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.

[49] Mihalis Yannakakis. Hierarchical state machines. In J. van Leeuwen, O. Watanabe, M. Hagiya, P.D. Mosses, and T. Ito, editors, *Proceedings of the International Conference on Theoretical Computer Science — Exploring New Frontiers of Theoretical Informatics, IFIP TCS'2000 (Sendai, Japan, August 17-19, 2000)*, volume 1872 of *LNCS*, pages

315–330. Springer-Verlag, Berlin-Heidelberg-New York-Barcelona-Hong Kong-London-Milan-Paris-Singapore-Tokyo, 2000.