

## References

- [1] Jiří Adámek. Automata and categories: Finiteness contra minimality. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 160–166. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [2] A.V. Anisimov. Languages over free groups. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 167–171. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [3] Giorgio Ausiello and Marco Protasi. On the comparison of notions of approximation. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 172–178. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [4] L. Banachowski. Modular approach to the logical theory of programs. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 327–332. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [5] J.M. Barzdin, J.J. Bičevskis, and A.A. Kalninh. Construction of complete sample system for correctness testing. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 1–12. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [6] Jiří Bečvář. Sequential functions and generalized moore and mealy automata. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 1–8. Springer-Verlag, Berlin-Heidelberg-New York, 1975.

- [7] M. Benešová and I. Korec. Non-linear speed-up theorem for two register minsky machines. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 179–185. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [8] A. Bertoni. Mathematical methods of the theory of stochastic automata. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 9–22. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [9] Eike Best and Hans Albrecht Schmid. Systems of open paths in petri nets. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 186–193. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [10] L. Beyga. On the quasi-controllability of automata. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 23–25. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [11] A. Blikle. Proving programs by sets of computations. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 333–358. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [12] L. Boasson. On the largest full sub-afl of the full afl of context-free languages. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 194–198. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [13] J. Brzozowski and M. Yoeli. Models for analysis of races in sequential networks. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium*

- on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 26–32. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [14] Michael P. Chytil. On complexity of nondeterministic turing machines computations. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 199–205. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [15] J.P. Crestin. Ultralinear expressions. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 222–231. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [16] Ole-Johan Dahl. An approach to correctness proofs of semicoroutines. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 157–174. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [17] Willem P. de Roever. First-order reduction of call-by-name to call-by-value. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 377–398. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [18] W.P. de Roever. Call-by-value versus call-by-name: A proof-theoretic comparison. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 451–463. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [19] P. Dembiński. Towards an understanding of complex processes. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland,*

- June 17-22, 1974*), volume 28 of *LNCS*, pages 175–185. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [20] A.Ja. Dikovskii. On closure properties of context-free derivation complexity classes. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 206–211. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [21] V. Evtimov. Bases of paths in correctness proofs. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 359–360. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [22] Venelin K. Evtimov. Control structures in single block programs. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 212–218. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [23] Max Fontet. A family of algebraic systems related to the theory of equations on free monoids. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 232–248. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [24] R.V. Freivald. Functions computable in the limit by probabilistic machines. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 77–87. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [25] R.V. Freivald. Minimal gödel numbers and their identification in the limit. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 219–225. Springer-Verlag, Berlin-Heidelberg-New York, 1975.

- [26] Ferenc Gécseg. Isomorphic representation of automata. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 226–230. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [27] Hartmann J. Genrich. Extended simple regular expressions. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 231–237. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [28] Giuseppina Gini and Maria Gini. Conniver programs by logical point of view. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 238–245. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [29] B. Goetze and R. Klette. Some properties of limit recursive functions. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 88–90. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [30] J.A. Goguen, J.W. Thatcher, E.G. Wagner, and J.B. Wright. Factorizations, congruences, and the decomposition of automata and systems. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 33–45. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [31] Jerzy W. Grzymala-Busse. On the periodic sum and extensions of finite automata. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 46–52. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [32] Jerzy W. Grzymala-Busse. On the set of all automata with the same monoid of endomorphisms. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science,*

- MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 246–251. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [33] Petr Hájek. On logics of discovery. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 30–45. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [34] Michael A. Harrison. On models of protection in operating systems. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 46–60. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [35] Ivan M. Havel. Finite branching automata: Automata theory motivated by problem solving. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 53–61. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [36] Ivan M. Havel. Nondeterministically recognizable sets of languages. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 252–257. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [37] Tomáš Havránek. The approximation problem in computational statistics. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 258–265. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [38] Hans-Jürgen Hoehnke. Algebraic models i. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 361–371. Springer-Verlag, Berlin-Heidelberg-New York, 1975.

- [39] Klaus Indermark. The continuous algebra of monadic languages. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 266–270. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [40] Jacek Irlik. Structured programmability of iterative algorithms. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 372–376. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [41] Max Kanovič. On sets of complex-programmed numbers. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 271–272. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [42] Marek Karpiński. Decision algorithms for havel's branching automata. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 273–279. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [43] Marek Karpiński. Stretching by probabilistic tree automata and santos grammars. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 249–255. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [44] Jozef Kelemen. A lattice-theoretical approach to problem-solving. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 303–306. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [45] B. Konikowska. On some approximation problems of continuous computation. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium*

- on *Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 91–106. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [46] Václav Koubek and Jan Reiterman. Automata and categories — input processes. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 280–286. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [47] J. Král. Top down versus bottom up syntax analysis revised. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 256–273. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [48] Jaroslav Král and Jiří Demner. Parsing as a subtask of compiling. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 61–74. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [49] Fred Kröger. Formalization of algorithmic reasoning. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 287–293. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [50] Zenon Kulpa. On the equivalence of planar grammars and parallel picture processing algorithms. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 307–312. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [51] W. Kwasowiec. Set-theoretic properties of programs in stored program computers. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 107–113. Springer-Verlag, Berlin-Heidelberg-New York, 1975.



- [52] J. Leszczyłowski. Mathematical model of programs with dynamic allocation of variables. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 381–387. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [53] J. Leszczyłowski. On equivalence of programs. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 377–380. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [54] Giorgio Levi and Franco Sirovich. Proving program properties, symbolic evaluation and logical procedural semantics. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 294–301. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [55] Jr. Lipski, Witold. Combinatorial aspects of information storage and retrieval. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 313–326. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [56] J. Małuszyński. Substring languages. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 274–284. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [57] Jan Małuszyński. A contribution to error recovery. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 302–307. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [58] O. Mayer. On the analysis and synthesis problems for context-free expressions. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975*

- (*Mariánské Lázně, Czechoslovakia, September 1-5, 1975*), volume 32 of *LNCS*, pages 308–314. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [59] Antoni Mazurkiewicz. Parallel recursive program schemes. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 75–87. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [60] Kurt Mehlhorn and Zvi Galil. Monotone switching circuits and boolean matrix product. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 315–319. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [61] Ivan Mezník. On some lattice-theoretic properties of generable languages. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 320–325. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [62] Pierangelo Miglioli. Mathematical foundations of motivation languages and synthesis maps. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 388–408. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [63] Peter Mikulecký. On configurations in cellular automata. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 62–68. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [64] L.S. Modina. On some formal grammars generating dependency trees. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně,*

- Czechoslovakia, September 1-5, 1975*), volume 32 of *LNCS*, pages 326–329. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [65] P.D. Mosses. The semantics of semantic equations. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 409–422. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [66] Peter A. Ng, Pei Hsia, and Raymond T. Yeh. Graph walking automata. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 330–336. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [67] Miroslav Novotný. On some problems concerning pawlak's machines. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 88–100. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [68] W.A. Owsianiecka. Defining languages by mazurkiewicz algorithms. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 285–291. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [69] Jürgen Perl. On finding all solutions of the partitioning problem. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 337–343. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [70] A. Pirická. Complexity and normal forms of context-free languages. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 292–297. Springer-Verlag, Berlin-Heidelberg-New York, 1975.

- [71] Alica Pirická-Kelemenová. Greibach normal form complexity. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 344–350. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [72] R.I. Podlovchenko. On correctness and essentiality of some ianov schemas equivalence relations. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 351–357. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [73] Pavel Pudlák. Polynomially complete problems in the logic of automate discovery. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 358–361. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [74] Václav Rajlich. Relational definition of computer languages. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 362–376. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [75] Z. Raś. Classification of programs of a spc. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 114–125. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [76] H. Rasiowa.  $\omega^+$ -valued algorithmic logic as a tool to investigate procedures. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 423–450. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [77] Peter Ružička. Local disambiguating transformation. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations*

- of *Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 399–404. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [78] Arto Salomaa. Formal power series and growth functions of Lindenmayer systems. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 101–113. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [79] Andrzej Salwicki. Procedures, formal computations and models. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 464–484. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [80] Dan A. Simovici. On cardinal sequential outer measures. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 405–410. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [81] A. Skowron. Simulation. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 186–201. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [82] Peter H. Starke. On the representability of relations by deterministic and nondeterministic multi-tape automata. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 114–124. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [83] Jerzy Tiuryn. The algebraic approach to the theory of computing systems. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 126–142. Springer-Verlag, Berlin-Heidelberg-New York, 1975.

- [84] B.A. Trakhtenbrot. On problems solvable by successive trials. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 125–137. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [85] Mark B. Trakhtenbrot. On representation of sequential and parallel functions. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 411–417. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [86] Věra Trnková. Automata and categories. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 138–152. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [87] G.E. Tseytlin. The theory of the modified post algebras and multi-dimensional automata structures. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 418–425. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [88] Raymond Turner. An algebraic theory of formal languages. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 426–431. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [89] M.K. Valiev. On polynomial reducibility of word problem under embedding of recursively presented groups in finitely presented groups. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 432–438. Springer-Verlag, Berlin-Heidelberg-New York, 1975.

- [90] Rüdiger Valk. On the synthesis of automata with several initial states. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 439–444. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [91] Peter van Emde Boas. Ten years of speedup. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 13–29. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [92] K. Wagner and L. Staiger. Finite automata acceptance of infinite sequences. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 69–72. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [93] Klaus Wagner. A hierarchy of regular sequence sets. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 445–449. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [94] W. Wechler. R-fuzzy automata with a time-variant structure. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 73–76. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [95] Wolfgang Wechler.  $r$ -fuzzy grammars. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 450–456. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [96] G. Wechsung. The axiomatization problem of a theory of linear languages. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium*

- on *Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 298–302. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [97] Gerd Wechsung. Characterization of some classes of context-free languages in terms of complexity classes. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 457–461. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [98] Rolf Wiehagen. Inductive inference of recursive functions. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 462–464. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [99] J. Winkowski. Concurrent programs. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, volume 28 of *LNCS*, pages 202–221. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [100] Józef Winkowski. Proving properties of programs by means of predicate logic. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 465–471. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [101] Bolesław Wojdyło. A generalization of scott's flow diagrams. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 472–476. Springer-Verlag, Berlin-Heidelberg-New York, 1975.
- [102] W. Żakowski. Continuous simple z-machines, z-computable functions and sets of functions of  $n$  real variables. In Andrzej Blikle, editor, *Proceedings of the 3rd Symposium on Mathematical Foundations of Computer Science, MFCS'1974 (Jadwisin, Poland, June 17-22, 1974)*, vol-



ume 28 of *LNCS*, pages 143–156. Springer-Verlag, Berlin-Heidelberg-New York, 1975.

- [103] I.D. Zaslavskii. On some models of computability of boolean functions. In Jiří Bečvář, editor, *Proceedings of the 4th Symposium on Mathematical Foundations of Computer Science, MFCS'1975 (Mariánské Lázně, Czechoslovakia, September 1-5, 1975)*, volume 32 of *LNCS*, pages 153–159. Springer-Verlag, Berlin-Heidelberg-New York, 1975.