

Objektyp: **ReferenceList**

Zeitschrift: **L'Enseignement Mathématique**

Band (Jahr): **27 (1981)**

Heft 1-2: **L'ENSEIGNEMENT MATHÉMATIQUE**

PDF erstellt am: **09.08.2024**

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REFERENCES

- [AKLLR] ALELIUNAS, R., R. M. KARP, R. J. LIPTON, L. LOVÁSZ and C. RACKOFF. Random walks, universal traversal sequences, and complexity of maze problems. *Proceedings 20th Annual Symposium of Foundations of Computer Science*, Oct. 1979, pp. 218-223.
- [B1] BORODIN, A. On relating time and space to size and depth. *SIAM J. Comp.* 6 (1977), pp. 733-744.
- [BC] BORODIN, A. and S. COOK. A time-space tradeoff for sorting on a general sequential model of computation. *Proc. 12th Annual ACM Symposium on Theory of Computing*, April 1980, pp. 294-301.
- [BW] BURKS, A. W. and J. B. WRIGHT. Theory of logical nets. In: *Sequential Machines: Selected Papers*, E. F. Moore, ed., Addison-Wesley, 1964, pp. 193-212.
- [C1] COOK, S. A. Deterministic CFL's are accepted simultaneously in polynomial time and log squared space. *Proc. 11th Annual ACM Symposium on Theory of Computing*, May 1979, pp. 338-345.
- [CS] CHANDRA, A. K. and L. J. STOCKMEYER. Alternation. *Conference Record IEEE 17th Annual Symposium on Foundations of Computer Science*, 1976, pp. 98-108.
- [CKS] CHANDRA, A. K., D. C. KOZEN and L. J. STOCKMEYER. Alternation. IBM Research Report RC 7489, 1978.
- [D1] DYMOND, P. *Simultaneous Resource Bounds and Parallel Computation*. Ph.D. thesis, University of Toronto, Dept. of Computer Science, 1980.
- [FW] FORTUNE, S. and J. WYLLIE. Parallelism in random access machines. *Proc. 10th ACM Symposium on Theory of Computing*, May 1978, pp. 114-118.
- [G1] GOLDSCHLAGER, L. A unified approach to models of synchronous parallel machines. *Proc. 11th Annual ACM Symposium on Theory of Computing*, May 1978, pp. 89-94.
- [G2] ——— Synchronous parallel computation, Ph.D. thesis and TR-114, Dept. of Computer Science, Univ. of Toronto, December 1977.
- [H1] HOOVER, J. Some Topics in Circuit Complexity. M.Sc. thesis and TR-139/80, Univ. of Toronto, Dept. of Computer Science, Dec. 1979.
- [H2] HONG, J. W. On some space complexity problems about the set of assignments satisfying a boolean formula. *Proc. 12th Annual ACM Symposium on Theory of Computing*, April 1980, pp. 310-317.
- [HIM] HARTMANIS, J., N. IMMERMANN and S. MAHANEY. One-way log tape reductions. *19th Annual Symp. on Foundations of Computer Science*, Oct. 1978, pp. 65-71.
- [HS] HARTMANIS, J. and J. SIMON. On the power of multiplication in random access machines. *Proc. of the 15th Annual IEEE Symposium on Switching and Automata Theory*, New Orleans, October 1974, pp. 13-23.
- [HS2] HODES, L. and E. SPECKER. Lengths of formulas and elimination of quantifiers I. In: *Contributions to Mathematical Logic*, K. Schütte, ed., North Holland Publ. Co. (1968), pp. 175-188.
- [HU] HOPCROFT, J. E. and J. D. ULLMAN. *Introduction to Automata Theory, Languages, and Computation*. Addison-Wesley, 1979.
- [J] JONES, N. D. Space-bounded reducibility among combinatorial problems. *JCSS 11* (1975), pp. 68-85.

- [K1] KOZEN, D. On parallelism in Turing machines. *Proc. of the 17th Annual Symposium on Foundations of Computer Science*, Houston, Texas, Oct. 1976, pp. 89-97.
- [KL] KARP, R. M. and R. J. LIPTON. Some connections between nonuniform and uniform complexity classes. *Proc. 12th Annual ACM Symposium on Theory of Computing*, April 1980, pp. 302-309. (Also presented at the Specker Symposium on Algorithms and Complexity, Zurich, Feb. 1980).
- [LSH] LEWIS, P. M., R. E. STEARNS and J. HARTMANIS. Memory bounds for recognition of context-free and context-sensitive languages. *IEEE Conference Record on Switching Circuit Theory and Logical Design*, 1965, pp. 191-202.
- [MP] MULLER, D. E. and F. P. PREPERATA. Bounds to Complexities of Networks for Sorting and for Switching. *JACM*, vol. 22, No. 2 (April 1975), pp. 195-201.
- [N1] NECIPORUK, E. I. A Boolean Function. *Soviet Math. Dokl.* 7, 4 (1966), pp. 999-1000. Originally *Dokl. Akad. Nauk. SSSR* 169, 4 (1966), pp. 765-766.
- [P1] PIPPENGER, N. On simultaneous resource bounds (preliminary version). *Proc. 20th Annual Symposium on Foundations of Computer Science*, October 1979, pp. 307-311.
- [P2] PATERSON, M. S. An introduction to boolean function complexity. *Astérisque, Société Mathématique de France* 38-39 (1976), pp. 183-201.
- [P3] PIPPENGER, N. Fast simulation of combinational logic networks by machines without random-access storage. *Allerton Conf. on Comm. Contr. and Comp.* 15 (1977), pp. 25-33.
- [PS] PRATT, V. and L. STOCKMEYER. A characterization of the power of vector machines. *JCSS* 12 (1978), pp. 198-221.
- [R1] RUZZO, W. L. On uniform circuit complexity (extended abstract). *Proc. 20th Annual Symposium on Foundations of Computer Science*, Oct. 1979, pp. 312-318.
- [R2] RIVEST, R. L. The necessity of feedback in minimal monotone combinatorial circuits. *IEEE Trans. on Computers*, June 1977, pp. 606-607.
- [S1] SCHNORR, C. P. The network complexity and the Turing machine complexity of finite functions. *Acta Inf.* 7 (1976), pp. 95-107.
- [S2] SCHÖNHAGE, A. Storage modification machines. Technical Report, Mathematisches Institut, Universität Tübingen, Germany, 1979.
- [S3] SAVAGE, J. E. *The Complexity of Computing*. Wiley, 1976.
- [S4] SIMON, J. On feasible numbers. *Proc. 9th Annual ACM Symposium on Theory of Computing*, May 1977, pp. 195-207.
- [SS] SAVITCH, W. and M. STIMSON. Time bounded random access machines with parallel processing. *JACM* 26, January 1979, pp. 103-118.
- [W1] WYLLIE, J. C. The complexity of parallel computations. Ph.D. thesis and TR-79-387, Dept. of Computer Science, Cornell University, 1979.

(Reçu le 5 juin 1980)

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