References

- [Levin 91] L.Levin. Fundamentals of Computing: a Cheat-List. SIGACT News; Education Forum. Special 100-th issue, 27(3):89-110, 1996. Errata: ibid. 28(2):80. Earlier version: ibid. 22(1), 1991.
- [Kleinberg, Tardos 06] Jon Kleinberg, Eva Tardos. Algorithm design. 2006. Pearson Education.
- [Knuth 97] Donald E. Knuth. The Art of Computer Programming. Vol. 1-3. Addison-Wesley, 3d ed., 1997. New to 3d ed. Sec.3.5.F of v.2 is also on pp. 10, 29-36 of https://www-cs-faculty.stanford.edu/~knuth/err2-2e.ps.gz
- [Feller 68] William Feller. An Introduction to Probability Theory and Its Applications. Wiley & Sons, 1968.
- [Lang 93] S.Lang. Algebra. 3rd ed. 1993, Addison-Wesley.
- [Rogers 67] H. Rogers, Jr. Theory of Recursive Functions and Effective Computability. McGraw-Hill, 1967.
- References for section 1:
- [Barzdin', Kalnin's 74] Ja.M. Barzdin', Ja.Ja. Kalnin's. A Universal Automaton with Variable Structure. Automatic Control and Computing Sciences. 8(2):6-12, 1974.
- [Berlekamp, Conway, Guy 82] E.R.Berlekamp, J.H.Conway, R.K.Guy. Winning Ways. Sec.25. 1982.
- [Kolmogorov, Uspenskii 58] A.N. Kolmogorov, V.A. Uspenskii. On the Definition of an Algorithm. *Uspekhi Mat. Nauk* 13:3-28, 1958; AMS Transl. 2nd ser. 29:217-245, 1963.
- [Schoenhage 80] A. Schoenhage. Storage Modification Machines. SIAM J. on Computing 9(3):490-508, 1980.
- [Ofman 65] Yu. Ofman. A Universal Automaton. Trans. of the Moscow Math. Soc., pp.200-215, 1965.
- Section 2:
- [Blum 67] M. Blum. A machine-independent theory of the complexity of recursive functions. JACM 14, 1967.
- [Davis 65] M. Davis, ed. *The Undecidable*. Hewlett, N.Y. Raven Press, 1965. (The reprints of the original papers of K.Goedel, A.Turing, A.Church, E.Post and others).
- [Ikeno 58] Shinichi Ikeno. A 6-symbol 10-state Universal Turing Machine. Proceedings, Institute of Electrical Communications, Tokyo, 1958.
- [Seiferas, Meyer 95] Joel I. Seiferas, Albert R. Meyer. Characterization of Realizable Space Complexities. Annals of Pure and Applied Logic 73:171-190, 1995.
- [Rabin 59] M.O. Rabin. Speed of computation of functions and classification of recursive sets. *Third Convention of Sci. Soc.* Israel, 1959, 1-2. Abst.: Bull. of the Research Council of Israel, 8F:69-70, 1959.
- [Tseitin 56] G.S. Tseitin. Talk: seminar on math. logic, Moscow university, 11/14, 11/21, 1956. Also pp. 44-45 in: S.A. Yanovskaya, Math. Logic and Foundations of Math., *Math. in the USSR for 40 Years*, 1:13-120, 1959, Moscow, Fizmatgiz, (in Russian).
- Section 3:
- [Neumann, Morgenstern 44] J. v.Neumann, O. Morgenstern. Theory of Games and Economic Behavior. Princeton Univ. Press, 1944.
- [Stockmeyer, Meyer 73] L.Stockmeyer, A.Meyer. Word problems requiring exponential time. STOC-1973
- [Chandra, Kozen, Stockmeyer 81] Ashok K. Chandra, Dexter C. Kozen, Larry J. Stockmeyer. Alternation. J. ACM, 28(1):114-133, 1981.
- [Robson 83, 84] J.M. Robson. N by N checkers is EXPTIME-complete. SIAM J. Comput 13(2), 1984. Also: The complexity of Go. Proc. 1983 IFIP World Computer Congress, p. 413-417.
- [Fraenkel, Lichtenstein 81] A.S. Fraenkel, D. Lichtenstein. Computing a perfect strategy for $n \times n$ chess requires time exponential in n. J. Combin. Theory (Ser. A) 31:199-214. ICALP-1981.