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%A J. A. Hawley %A W. B. Meyer %T MUNIX, A Multiprocessing Version of UNIX %K munix unix %R M.S. Thesis %I Naval Postgraduate School %C Monterey, Cal. %D 1975

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%A K. Thompson %T The UNIX Command Language %B Structured Programming—Infotech State of the Art Report %I Infotech International Ltd. %C Nicholson House, Maidenhead, Berkshire, England %D March 1975 %P 375-384 %K unix %X pwb Brief description of shell syntax and semantics, without much detail on implementation. Much on pipes and convenience of hooking programs together. Includes SER-MONETTE: "Many familiar computing 'concepts' are missing from UNIX. Files have no records. There are no access methods. There are no file types. These concepts fill a much-needed gap. I sincerely hope that when future systems are designed by manufacturers the value of some of these ingrained notions is re-examined. Like the politician and his 'common man', manufacturers have their 'average user'.

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%T Spider — An Experimental Data Communications System %Z ctr127 %A A. G. Fraser %J Proc. IEEE Conf. on Communications %P 21F %O IEEE Cat. No. 74CH0859-9-CSCB. %D June 1974

%T A Virtual Channel Network %A A. G. Fraser %J Datamation %P 51-56 %D February 1975

%r 41 %K CSTR %R Comp. Sci. Tech. Rep. No. 41 %I Bell Laboratories %C Murray Hill, New Jersey
%A J. W. Hunt %A M. D. McIlroy %T An Algorithm for Differential File Comparison %D June 1976

%A F. P. Brooks, Jr. %T The Mythical Man-Month %I Addison-Wesley %C Reading, Mass. %D 1975
%X pwb Readable, classic reference on software engineering and problems of large projects, from someone with experience in them. Required reading for any software engineer, even if conclusions may not always be agreed with. %br "The second is the most dangerous system a man every designs." p.55. %br "Hence plan to throw one away; you will, anyhow." p.116. %br "Cosgrove has perceptively pointed out that the programmer delivers satisfaction of a user need rather than any tangible product. And both the actual need and the user's perception of that need will change as programs are built, tested, and used." p.117. %br "The total cost of maintaining a widely used program is typically 40 percent or more of the cost of developing it." p.121. %br "As shown above, amalgamating prose and program reduces the total number of characters to be stored." p.175.

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%T The C Language Calling Sequence %A M. E. Lesk %A S. C. Johnson %A D. M. Ritchie %D 1977

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%A R. Sethi %A J. D. Ullman %T The Generation of Optimal Code for Arithmetic Expressions %J J. Assoc. Comp. Mach. %K acm jacm %V 17 %N 4 %D October 1970 %P 715-728 %O Reprinted as pp. 229-247 in *Compiler Techniques*, ed. B. W. Pollack, Auerbach, Princeton NJ (1972). %X pwb Optimal approach for straight-line, fixed number of regs.

%T Code Generation for Machines with Multiregister Operations %A A. V. Aho %A S. C. Johnson %A J. D. Ullman %J Proc. 4th ACM Symp. on Principles of Programming Languages %P 21-28 %D January 1977