Literatur

[1] Brian W. Kernighan and Dennis M. Ritchie. *The C Programming Language*. Prentice-Hall, Inc., second edition, 1988. ISBN 0-13-110362-8 (paperback), 0-13-110370-9 (hardback).

[2] Jürgen Nehmer and Peter Sturm. *Systemsoftware: Grundlagen moderner Betriebssysteme*. dpunkt.Verlag GmbH, zweite edition, 2001. ISBN 3-89864-115-5.

[3] Abraham Silberschatz, Peter Baer Galvin, and Greg Gagne. *Operating System Concepts*. John Wiley & Sons, Inc., sixth edition, 2001. ISBN 0-471-41743-2.

[4] Andrew S. Tanenbaum. *Structured Computer Organization*. Prentice-Hall, Inc., fourth edition, 1999. ISBN 0-13-095990-1.

[5] Douglas R. Hostadter. *Gödel, Escher, Bach: An Eternal Golden Braid — A Metaphorical Fugue on Minds and Machines in the Spirit of Lewis Carrol*. Penguin Books, 1979. ISBN 0-1400-5579-7.

[6] Alastair J. W. Mayer. The Architecture of the Burroughs B5000: 20 Years Later and Still Ahead of the Times? *ACM SIGARCH Computer Architecture News*, 10(4):3–10, June 1982.

[7] J. Fotheringham. Dynamic Storage Allocation in the Atlas Including an Automatic Use of Backing Store. *Communications of the ACM*, 4:435–436, October 1961.

[8] E. Organick. *The Multics System: An Examination of its Structure*. MIT Press, 1972.

[9] B. J. Nelson. Remote Procedure Call. Technical Report CMU–81–119, Carnegie-Mellon University, 1982.

[10] DaimlerChrysler AG. Der neue Maybach. *ATZ/MTZ Sonderheft*, page 125, September 2002.

[11] David Tennenhouse. Proactive Computing. *Communications of the ACM*, 43(5):43–50, May 2000.

[12] Rob Pike. Systems software research is irrelevant. CS Colloquium, Columbia, http://cm.bell-labs.com/who/rob/utah2000.pdf, February 2000.

[13] Edsger Wybe Dijkstra. *A Principle of Programming*. Prentice Hall, Englewood Cliffs, NJ, 1976.

[14] Gordon Irlam. Unix File Size Survey. `http://www.base.com/gordoni/ufs93.html`, September 1994.

[15] ISO/IEC 14977. Information technology — Syntactic metalanguage — Extended BNF. `http://www.cl.cam.ac.uk/~mgk25/iso-14977.pdf`, 1996.

[16] A. M. Lister and R. D. Eager. *Fundamentals of Operating Systems*. The Macmillan Press Ltd., fifth edition, 1993. ISBN 0-333-59848-2.

[17] R. W. Conway, L. W. Maxwell, and L. W. Millner. *Theory of Scheduling*. Addison-Wesley, 1967.

[18] E. G. Coffmann and P. J. Denning. *Operating System Theory*. Prentice Hall, Inc., 1973.

[19] L. Kleinrock. *Queuing Theory*. John Wiley & Sons, 1976.

[20] John B. Goodenough. Exception Handling: Issues and a Proposed Notation. *Communications of the ACM*, 18(12):683–696, 1975.

[21] D. L. Parnas. Some Hypotheses About the "Uses" Hierarchy for Operating Systems. Technical Report BS I 75/2, TH Darmstadt, 1975.

[22] A. N. Habermann, L. Flon, and L. Cooprider. Modularization and Hierarchy in a Family of Operating Systems. *Communications of the ACM*, 19(5):266–272, 1976.

[23] H. C. Lauer and R. M. Needham. On the Duality of Operating System Structures. *ACM Operating Systems Review*, 13(2):3–19, April 1979.

[24] B. N. Bershad, T. E. Anderson, E. D. Lazowska, and H. M. Levy. Lightweight Remote Procedure Call. *ACM Transactions on Computer Systems*, 8(1):37–55, 1990.

[25] M. E. Conway. Design of a Separable Transition-Diagram Compiler. *Communications of the ACM*, 6(7):396–408, 1963.

[26] Ralf Guido Herrtwich and Günter Hommel. *Kooperation und Konkurrenz — Nebenläufige, verteilte und echtzeitabhängige Programmsysteme*. Springer-Verlag, 1989. ISBN 3-540-51701-4.

[27] T. E. Anderson, B. N. Bershad, E. D. Lazowska, and H. M. Levy. Scheduler Activations: Effective Kernel Support for the User-Level Management of Parallelism. In *Proceedings of the Thirteenth ACM Symposium on Operating System Principles*, volume 25 of *Operating Systems Review*, pages 95–109, Pacific Grove, CA, 1991.

[28] Friedrich Schön, Wolfgang Schröder-Preikschat, Olaf Spinczyk, and Ute Spinczyk. On Interrupt-Transparent Synchronization in an Embedded Object-Oriented Operating System. In *The Third IEEE International Symposium on Object-Oriented Real-Time Distributed Computing (ISORC 2000)*, pages 270–277, Newport Beach, California, March 15–17, 2000. IEEE Computer Society. ISBN 0-7695-0607-0.

[29] Peer Brinch Hansen. Structured Multprogramming. *Communications of the ACM*, 15(7):574–578, July 1972.

[30] C. A. R. Hoare. Towards a Theory of Parallel Programming. In C. A. R. Hoare and R. H. Perrot, editors, *Operating System Techniques*. Academic Press, London, New York, 1971.

[31] Edsger Wybe Dijkstra. Cooperating Sequential Processes. Technical report, Technische Universiteit Eindhoven, Eindhoven, The Netherlands, 1965. (Reprinted in *Great Papers in Computer Science*, P. Laplante, ed., IEEE Press, New York, NY, 1996).

[32] Victoria E. Neufeld, editor. *Webster's New World Dictionary*. Simon & Schuster, Inc., third college edition, 1988. ISBN 0-13-947169-3.

[33] P. B. Hansen. *Operating System Principles*. Prentice Hall International, 1973.

[34] C. A. R. Hoare. Monitors: An Operating System Structuring Concept. *Communications of the ACM*, 17(10):549–557, October 1974.

[35] R. Bryant, H.-Y. Chang, and B. Rosenburg. Experience Developing the RP3 Operating System. *Computing Systems, The Journal of USENIX Association*, 4(3):183–216, 1991.

[36] David Wilner. Vx-Files: What really happened on Mars? Keynote at the 18th IEEE Real-Time Systems Symposium (RTSS '97), December 1997. [41].

[37] Butler W. Lampson and D. D. Redell. Experiences with Processes and Monitors in Mesa. *Communications of the ACM*, 23(2):105–117, 1980.

[38] W. Morven Gentleman. Message Passing between Sequential Processes: The Reply Primitive and the Administrator Concept. *Software Practice and Experience*, 11(5):435–466, May 1981.

[39] M. Young, A. Tevanian, R. Rashid, D. Golub, J. Eppinger, J. Chew, W. Bolosky, D. Black, and R. Baron. The Duality of Memory and Communication in the Implementation of a Multiprocessor Operating System. In *Proceedings of the Eleventh ACM Symposium on Operating System Principles*, volume 21 of *Operating Systems Review*, pages 63–76, Austin, TX, 1987.

[40] J. L. Peterson and A. Silberschatz. *Operating System Concepts*. Addison-Wesley, second edition, 1985.

[41] Michael B. Jones. http://www.research.microsoft.com/∼mbj/Mars_Pathfinder, 1997.