

SOURCES

- Asimov, I. 1976. *Science, Numbers, and I*. Ace Books, New York.
- Backus, J. W. 1981. Question and answer session on Algol 60. In Wexelblat (1981), 162.
- Bal, H. E., Steiner, J. G., and Tanenbaum, A. S. 1989. Programming languages for distributed computing systems. *ACM Computing Surveys 21*, (September), 261–322.
- Bashe, C. J., Johnson, L. R., Palmer, J. H., and Pugh, E. W. 1986. *IBM's Early Computers*. The MIT Press, Cambridge, MA.
- Bell, J .R. 1973. Threaded code. *Communications of the ACM 16*, 6 (June), 370–372.
- Bergin, T. J., and Gibson, R. G. (eds.) 1996. *History of Programming Languages II*. ACM Press, NY.
- Bergin, T. J. (ed.) 1997. HOPL II—Closing panel. *ACM SIGPLAN Notices 32*, 9 (September), 15–37.
- Bishop, J. 1986. *Data Abstraction in Programming Languages*. Addison-Wesley, Reading, MA.
- Bjerrum, L. B. 1969. *Jørgen Brinch Hansen, 1909–1969*. Géotechnique 19, 3 (September).
- Bohm, D. 1951. *Quantum Theory*. Prentice-Hall, Englewood Cliffs, NJ.
- Brinch Hansen, P. 1961–68. *Letters to my parents and wife*.
- Brinch Hansen, P. 1962. Maser—et nyt forstærkerelement der muliggør kommunikation ved optiske frekvenser. (“Maser—a new amplifier element that makes communication at optical frequencies possible.”) *Ingeniøren*, (May).
- Brinch Hansen, P. 1963. Rubinens røde straale. (“The red ray of the ruby”) *Vor Viden*, (May–June), 545–555 and 577–583.
- Brinch Hansen, P. 1964. *An optimal compilation of Boolean Expressions in Cobol 61*. NordSAM 64, Stockholm, Sweden (August).
- Brinch Hansen, P., and House, R. 1966. The Cobol compiler for the Siemens 3003. *BIT 6*, 1, 1–23.
- Brinch Hansen, P. 1967a. The logical structure of the RC 4000 computer. *BIT 7*, 3, 191–199.
- Brinch Hansen, P. 1967b. The RC 4000 real-time control system at Pulawy. *BIT 7*, 4, 279–288.
- Brinch Hansen, P. 1968. The structure of the RC 4000 monitor. Regnecentralen, Copenhagen, Denmark (February).
- Brinch Hansen, P. 1969a. *RC 4000 Computer Software: Multiprogramming System*. Regnecentralen, Copenhagen, Denmark, (April).
- Brinch Hansen, P. 1969b. *RC 4000 Computer Reference Manual*. Regnecentralen, Copenhagen, Denmark, (June).
- Brinch Hansen, P. 1970. The nucleus of a multiprogramming system, *Communications of the ACM 13*, 4 (April), 238–241, 250.

- Brinch Hansen, P. 1971. An outline of a course on operating system principles. In C. A. R. Hoare and R. H. Perrott (eds.) 1972, *Operating Systems Techniques*, Proceedings of a Seminar at Queen's University, Belfast, Northern Ireland, August–September 1971, Academic Press, New York, 29–36.
- Brinch Hansen, P. 1972. Structured multiprogramming. *Communications of the ACM* 15, 7 (July), 574–578.
- Brinch Hansen, P. 1973a. *Operating System Principles*. Prentice-Hall, Englewood Cliffs, NJ, (July).
- Brinch Hansen, P. 1973b. Concurrent programming concepts. *ACM Computing Surveys* 5, 4 (December), 223–245.
- Brinch Hansen, P. 1974a. Deamy—a structured operating system. Information Science, California Institute of Technology, Pasadena, CA, (May).
- Brinch Hansen, P. 1974b. The programming language Concurrent Pascal, Information Science, California Institute of Technology, Pasadena, CA, (November). Revised version in *IEEE Transactions on Software Engineering* 1, 2 (June 1975), 199–207.
- Brinch Hansen, P. 1975a. Concurrent Pascal report. Information Science, California Institute of Technology, Pasadena, CA, (June).
- Brinch Hansen, P., and Hartmann, A. C. 1975b. Sequential Pascal report. Information Science, California Institute of Technology, Pasadena, CA, (July).
- Brinch Hansen, P. 1975c. The Solo operating system. Information Science, California Institute of Technology, Pasadena, CA, (June–July). Also in *Software—Practice and Experience* 6, 2 (April–June 1976), 141–200.
- Brinch Hansen, P. 1975d. Concurrent Pascal machine. Information Science, California Institute of Technology, Pasadena, CA, (October).
- Brinch Hansen, P. 1975e. A real-time scheduler. Information Science, California Institute of Technology, Pasadena, CA, (November).
- Brinch Hansen, P. 1976a. The job stream system. Information Science, California Institute of Technology, Pasadena, CA, (January).
- Brinch Hansen, P. 1976b. Concurrent Pascal implementation notes. Information Science, California Institute of Technology, Pasadena, CA.
- Brinch Hansen, P. 1976c. Innovation and trivia in program engineering. Guest Editorial, *Software—Practice and Experience* 6, 2 (April–June), 139–140.
- Brinch Hansen, P. 1976d. The programmer as a young dog. In Sveistrup (1976), 65–68 (In Danish). Also in P. Brinch Hansen 1996, *The Search for Simplicity: Essays in Parallel Programming*. IEEE Computer Society Press, Los Alamitos, CA, 142–156 (In English).
- Brinch Hansen, P. 1977. *The Architecture of Concurrent Programs*. Prentice-Hall, Englewood Cliffs, NJ, (July).
- Brinch Hansen, P. 1978a. Distributed processes: a concurrent programming concept. *Communications of the ACM* 21, 11 (November), 934–941.
- Brinch Hansen, P. 1978b. Multiprocessor architectures for concurrent programs. *ACM 78 Conference*, Washington, DC, December, 317–323.
- Brinch Hansen, P. 1981. Three papers on the programming language Edison. *Software—Practice and Experience* 11, 4 (April), 325–414.
- Brinch Hansen, P. 1983. *Programming a Personal Computer*. Prentice Hall, Englewood Cliffs, NJ, (April).

- Brinch Hansen, P. 1985. *Brinch Hansen on Pascal Compilers*. Prentice Hall, Englewood Cliffs, NJ, (August).
- Brinch Hansen, P. 1987a. Joyce—a programming language for distributed systems. *Software—Practice and Experience* 17, 1 (January), 29–50.
- Brinch Hansen, P. 1987b. A Joyce implementation. *Software—Practice and Experience* 17, 4 (April), 267–276.
- Brinch Hansen, P. 1987c. The Joyce language report. *Software—Practice and Experience* 19, 6 (June), 553–579.
- Brinch Hansen, P., and Rangachari, A. 1988. Joyce performance on a multiprocessor. School of Computer and Information Science, Syracuse University, Syracuse, NY, (September).
- Brinch Hansen, P. 1989. A multiprocessor implementation of Joyce. *Software—Practice and Experience* 19, 6 (June), 579–592.
- Brinch Hansen, P. 1990. The nature of parallel programming. In M. A. Arbib and J. A. Robinson (eds.), *Natural and Artificial Parallel Computation*, The MIT Press, Cambridge, MA, 31–46.
- Brinch Hansen, P. 1992. Householder reduction of linear equations. *ACM Computing Surveys* 24, 2 (June), 185–194.
- Brinch Hansen, P. 1993. Monitors and Concurrent Pascal: a personal history. *2nd ACM Conference on the History of Programming Languages*, (April), Cambridge, MA.
- Brinch Hansen, P. 1994. Multiple-length division revisited: A tour of the minefield. *Software—Practice and Experience* 24, 6 (June), 579–601.
- Brinch Hansen, P. 1995. *Studies in Computational Science: Parallel Programming Paradigms*. Prentice Hall, Englewood Cliffs.
- Brinch Hansen, P. 1999a. *Programming for Everyone in Java*. Springer-Verlag, New York.
- Brinch Hansen, P. 1999b. Java’s insecure parallelism. *SIGPLAN Notices* 34, 4 (April), 38–45.
- Brinch Hansen, P. 2002. IEEE Computer Pioneer Award: Acceptance speech. *IEEE Annals of the History of Computing* 24, 4 (October–December), 56.
- Bronowski, J. 1973. *The Ascent of Man*. Little, Brown and Company, Boston, MA.
- Buchholz, W. (ed.) 1962. *Planning a Computer System: Project Stretch*. Mc-Graw Hill, New York.
- Campbell, R. H., and Habermann, A. N. 1974. The specification of process synchronization by path expressions. *Lecture Notes in Computer Science* 16, Springer-Verlag, Heidelberg, Germany, 89–102.
- Ceruzzi, P. E. 2003. *A Modern History of Computing*, 2nd edition. The MIT Press, Cambridge, MA.
- Cobol Discussion 1981. Question and answer session on Cobol. In Wexelblat (1981), 263–276.
- Computerworld 1983. Stanford gets top grade in grad school poll. (January 24), 22.
- Corbató, F. J., Merwin-Daggett, M., and Daley, R. C. 1962. An experimental time-sharing system. *Spring Joint Computer Conference* 21, 1962, 335–344.
- Cosine Committee 1971. *An Undergraduate Course on Operating Systems Principles*. Commission on Education, National Academy of Engineering, Washington, DC, (June).
- Crick, F. 1988. *What Mad Pursuit: A Personal View of Scientific Discovery*. Basic Books.

- Dijkstra, E. W. 1965. Cooperating sequential processes. Technological University, Eindhoven, The Netherlands, (September).
- Dijkstra, E. W. 1968a. Go to statements considered harmful. *Communications of the ACM* 11, 3 (March), 147–148.
- Dijkstra, E. W. 1968b. The structure of the THE multiprogramming system. *Communications of the ACM* 11, 5 (May), 341–346.
- Dijkstra, E. W. 1971a. Hierarchical ordering of sequential processes. In C. A. R. Hoare and R. H. Perrott (eds.) 1972, *Operating Systems Techniques*, Proceedings of a Seminar at Queen's University, Belfast, Northern Ireland, August–September 1971. Academic Press, New York, 72–93.
- Dijkstra, E. W. 1971b. Reisverslag van Edsger W. Dijkstra aan Summer School, Marktoberdorf, juli 1971 (in Dutch).
- Dijkstra, E. W. 1972. The humble programmer. *Communications of the ACM* 15, 10 (October), 859–866.
- Dijkstra, E. W. 1973. Summer School Munich, July 25 to August 4. In E. W. Dijkstra 1982. *Selected Writings on Computing: A Personal Perspective*. Springer-Verlag, New York.
- Dijkstra, E. W. 1975. Summer School Marktoberdorf, August.
- Dijkstra, E. W. 1999. Computing science: achievements and challenges. *ACM Symposium on Applied Computing*, (March), San Antonio, TX.
- Discussions 1971. Discussions of conditional critical regions and monitors. In C. A. R. Hoare and R. H. Perrott (eds.) 1972, *Operating Systems Techniques*, Proceedings of a Seminar at Queen's University, Belfast, Northern Ireland, August–September 1971. Academic Press, New York, 100–113.
- Fox, G. C., Johnson, M. A., Lyzenga, G. A., Otto, S. W., Salmon, J. K. and Walker, D. W. 1988. *Solving Problems on Concurrent Processors*, Vol. I, Prentice Hall, Englewood, NJ.
- Gleick, J. 1992. *Genius—The Life and Science of Richard Feynman*. Pantheon Books, New York.
- Greenfield, J. S. 1993. Distributed programming with cryptography applications. PhD thesis, Computer and Information Science, Syracuse University, Syracuse, NY, (December). Also in *Lecture Notes in Computer Science* 870, (1994), Springer-Verlag, New York.
- Gregorian, V. 2003. *The Road to Home: My Life and Times*. Simon & Schuster, New York.
- Grimberg, C. 1959. *Verdenshistorien*. (“The World History”). Politikens Forlag, Copenhagen, Denmark (in Danish).
- Habermann, A. N. 1973. Critical comments on the programming language Pascal. *Acta Informatica* 3, 47–57.
- Hartmann, A. .C. 1975. A Concurrent Pascal compiler for minicomputers. PhD thesis, Information Science, California Institute of Technology, Pasadena, CA, (September). Also in *Lecture Notes in Computer Science* 50, (1977), Springer-Verlag. New York.
- Hillis, W. D. 1985. *The Connection Machine*. MIT Press, Cambridge, MA.
- Hoare, C. A. R. 1969. An axiomatic basis for computer programming. *Communication of the ACM* 12, 10 (October), 576–580, 583.

- Hoare, C. A. R. 1971. Towards a theory of parallel programming. In C. A. R. Hoare and R. H. Perrott (eds.) 1972, *Operating Systems Techniques*, Proceedings of a Seminar at Queen's University, Belfast, Northern Ireland, August–September 1971, Academic Press, New York, 61–71.
- Hoare, C. A. R. 1973. A structured paging system. *Computer Journal 16*, (August), 209–214.
- Hoare, C. A. R. 1974a. Monitors: an operating system structuring concept. *Communications of the ACM 17*, 10 (October), 549–557.
- Hoare, C. A. R. 1974b. Hints on programming language design. In *Computer Systems Reliability*, C. Bunyan (ed.), Infotech International, Berkshire, England, 505–534.
- Hoare, C. A. R. 1976a. Hints on the design of a programming language for real-time command and control. In *Real-time Software: International State of the Art Report*, J.P. Spencer (ed.), Infotech International, Berkshire, England, 685–699.
- Hoare, C. A. R. 1976b. The structure of an operating system. *Lecture Notes in Computer Science 46*, F. L. Bauer and K. Samelson (eds.), 242–265. Springer-Verlag, New York.
- Hoare, C. A. R. 1985. *Communicating Sequential Processes*. Prentice Hall, Englewood Cliffs, NJ.
- Hoare, C. A. R., and C. B. Jones (eds.) 1989. *Essays in Computing Science*. Prentice Hall, New York.
- Householder, A. S. 1958. Unitary triangularization of a nonsymmetric matrix. *Journal of the ACM 5*, 339–342.
- Huskey, H. D., and Korn, G. A. (eds.) 1962. *Computer Handbook*. McGraw-Hill, New York.
- IEEE Computer Society 2002. Brochure describing Per Brinch Hansen's Computer Pioneer Award.
- Isaksson, H. 1976. *Fra Gier til RC 4000* (“From Gier to RC 4000”). In Sveistrup (1976), 57–64 (in Danish).
- Joyce, J. 1937. *Ulysses*. The Bodley Head, London, England.
- Kilburn, T., Payne, R. B., and Howarth, D. J. 1961. The Atlas supervisor. *National Computer Conference 20*, 279–294.
- Kittel, C. 1956. *Introduction to Solid State Physics*. John Wiley, New York.
- Klasseavisen (“The class newspaper”) 1945–49. Konrad Jahn’s class, Niels Ebbesensvej School, Frederiksberg, Denmark (in Danish).
- Knuth, D. E. 1968. *The Art of Computer Programming*. Vol. 1. *Fundamental Algorithms*. Addison-Wesley, Reading, MA.
- Kraks Blå Bog (“Who’s Who in Denmark”) 1959. Kraks Legat, Nytorv 17, Copenhagen, Denmark (in Danish).
- Lauesen, S. 1975. A large semaphore based operating system. *Communications of the ACM 18*, 7 (July), 377–389.
- McKeag, R. M. 1972–73. A survey of system structures & synchronization techniques. Department of Computer Science, The Queen's University of Belfast, Belfast, Northern Ireland (October 1972), with Supplement (January 1973).
- Maddux, R. A., and Mills, H. D. 1979. Review of Per Brinch Hansen: The Architecture of Concurrent Programs. *IEEE Computer 12*, (May), 102–103.
- Mason, S. J., and Zimmermann, H. J. 1960. *Electronic Circuits, Signals, and Systems*. John Wiley, New York.

- Matelan, N. 1985. The Flex/32 multicomputer. *IEEE/ACM Symposium on Computer Architecture*. Boston, MA, (June), 209–213.
- Medawar, P. B. 1979. *Advice to a Young Scientist*. Harper & Row, New York.
- Menon, A. 1995. Unpublished student evaluation of professor Brinch Hansen's course on multicomputer programming at Syracuse University, (March).
- Moore, G. 1979. VLSI: some fundamental challenges. *IEEE Spectrum*, (April), 30–37.
- Naur, P. (ed.), Backus, J. W., Bauer, F. L., Green, J., Katz, C., McCarthy, J., Perlis, A. J., Rutishauser, H., Samelson, K., Vauquois, B., Wegstein, J. H., van Wijngaarden, A., and Woodger, M. 1960. Report on the algorithmic language Algol 60. *Communications of the ACM* 3, 5 (May), 299–314.
- Naur, P. 1963a. The design of the Gier Algol compiler. *BIT* 3, 2–3, 124–140 & 145–66.
- Naur, P. 1963b. Go to statements and good Algol style. *BIT* 3, 3, 204–208.
- Naur, P. 1966a. Program translation viewed as a general data processing problem. *Communications of the ACM* 9, 3 (March), 176–179.
- Naur, P. 1966b. The science of datalogy: Letter to the editor. *Communications of the ACM* 9, 7 July, 485.
- Naur, P. 1968. Datalogy, the science of data and data processes and its place in education. *IFIP Congress 68*, vol. II, 1383–1387.
- Naur, P., and Randell, B. (eds.) 1969. *Software Engineering*. Nato Science Committee, (October), Brussels, Belgium.
- Naur, P. 1974. *Concise Survey of Computer Methods*. Petrocelli/Charter, New York.
- Naur, P. 1975. Review of Per Brinch Hansen: Operating System Principles. *BIT* 15, 455–457.
- Naur, P., Johansen, P., and Koster, C. H. A. Koster 1984. Recommendation to University of Copenhagen regarding the appointment of a new professor in datalogy.
- Nori, K. V., Ammann, U., Jensen, K., and Naegeli, H. H. 1974. The Pascal P compiler: implementation notes. Institut für Informatik, ETH, Zurich, Switzerland, (December).
- Ostenfeld, C. (ed.) 1976. *Christiani & Nielsen: The Danish Pioneers of Reinforced Concrete*. Polyteknisk Forlag, Lyngby, Denmark.
- Perlis, A. J. 1962. The computer in the university. In M. Greenberger (ed.), *Computers and the World of the Future*. The MIT Press, Cambridge, MA, 180–217.
- Perlis, A. J. 1981. Talk on “Computing in the fifties.” *ACM National Conference*. Nashville, TN. Transcript in J. A. N. Lee (ed.), *Computer Pioneers*, IEEE Computer Society Press, Los Alamito, CA, 1995, 545–556.
- Perlis, A. J. 1982. Epigrams on programming. *ACM SIGPLAN Notices* 9, (September), 7–13.
- Rabin, M. O. 1980. Probabilistic algorithms for testing primality. *Journal of Number Theory* 12, 128–138.
- Randell, B., and Russell, L. J. 1964. *Algol 60 Implementation*. Academic Press, New York.
- Rivest, R. L., Shamir, A. and Adleman, L. M. 1978. A method for obtaining digital signatures and public-key cryptosystems. *Communications of the ACM* 21, 120–126.
- Rosovsky, H. 1990. *The University: An Owner's Manual*. W. W. Norton & Company, New York.
- Scherfig, H. 1940. *Det Forsømte Forår*. (“The Neglected Spring”). Gyldendal, Copenhagen, Denmark (in Danish).
- Seitz, C. L. 1985. The Cosmic Cube. *Communications of the ACM* 28, (January), 22–23.

- Sellar, W. C., and Yeatman, R. J. 1964. *1066 and All That*. Penguin Books, Hammondsorth, Middlesex, England.
- Shute, N. 1954. *Slide Rule: The Autobiography of an Engineer*. Ballantine Books, New York.
- Siegel, M., and Smith, A. E. 1962. Interim report on Bureau of Ships Cobol evaluation program. *Communications of the ACM* 5, (May).
- Simonton, D. K. 1984. *Genius, Creativity, and Leadership*. Harvard University Press, Cambridge, MA.
- Snow, C. P. 1970. *Last Things*. Charles Scribner's Sons, New York.
- Speiser, A. P. 1961. *Digitale Rechenanlagen*. Springer-Verlag, Berlin, Germany.
- Spenke, E. 1958. *Electronic Semiconductors*. McGraw-Hill, New York.
- Sveistrup, P., Naur, P., Hansen, H. B., and Gram, C. (eds.) 1976. *Niels Ivar Bech—en epoke i edb-udviklingen i Danmark*. (“Niels Ivar Bech—An Era in the Development of Electronic Data Processing in Denmark”). Data, Copenhagen, Denmark (mostly in Danish).
- Terman, F. E. 1955. *Electronic and Radio Engineering*. McGraw-Hill, New York, 1955.
- U. S. Department of Defense 1961. *Cobol-1961, Report to Conference on Data Systems Languages*. Washington, DC.
- Welsh, J., and Bustard, D. W. 1979. Pascal-Plus—another language for modular multi-programming. *Software—Practice and Experience* 9, 11 (November), 947–957.
- Wexelblat, R. L. (ed.) 1981. *History of Programming Languages*. Academic Press, New York.
- Wulf, W. A., and Bell C. G. 1972. C.mmp—a multiprocessor. *Fall Joint Computer Conference*, 765–777.

