

APPENDIX B

Bibliography

- [1] Aczel, Peter. *Non-Well-Founded Sets*. CSLI LN 14, Stanford, Cal. 1988.
- [2] Andrews, George E. *Number Theory*. Dover, New York 1994.
- [3] Barwise, Jon & Moss, Lawrence. *Vicious Circles*. CSLI Publications, Stanford, Cal. 1996.
- [4] Berger, Marcel. *Geometry I, II*. Springer, Heidelberg et al. 1987.
- [5] Berlekamp, Elwyn. "Bit-Serial Reed-Solomon Encoders." *IEEE Transactions on Information Theory*, IT 28, 1982, pp. 869-874.
- [6] Besset, Didier H. *Object-Oriented Implementation of Numerical Methods*. Morgan Kaufmann, San Francisco et al. 2001.
- [7] Bhattacharya, P. B., Jain, S. K. & Nagpaul S. R. *Basic Abstract Algebra*. Cambridge University Press, Cambridge 1994.
- [8] Biggs, Norman L. *Discrete Mathematics*. Oxford University Press, Oxford 2002.
- [9] Blyth, Thomas S. & Robertson, Edmund F. *Basic Linear Algebra*. Springer, Heidelberg et al. 2002.
- [10] Blyth, Thomas S. & Robertson, Edmund F. *Further Linear Algebra*. Springer, Heidelberg et al. 2001.
- [11] Bornemann, Folkmar. "PRIME Is in P: A Breakthrough for 'Everyman'." *Notices of the AMS*, vol. 50, No. 5, May 2003.
- [12] Bourbaki, Nicolas. *Éléments d'histoire des mathématiques*. Hermann, Paris 1969.

- [13] Cap, Clemens H. *Theoretische Grundlagen der Informatik*. Springer, Heidelberg et al. 1993.
- [14] Chomsky, Noam. "Three models for the description of language." *I.R.E. Transactions on information theory*, volume 2, pp. 113-124, IT, 1956.
- [15] Church, Alonzo. *Introduction to Mathematical Logic*. Princeton University Press, Princeton 1996.
- [16] Cormen, Thomas H., Leiserson, Charles E., Rivest, Ronald L. & Stein, Clifford. *Introduction to Algorithms*. MIT Press, Cambridge 2001.
- [17] van Dalen, Dirk. *Logic and Structure*. Springer, Heidelberg et al. 1994.
- [18] Date, C. J. *An Introduction to Database Systems*. Addison-Wesley, Reading 2003.
- [19] Davis, Martin. *Computability and Unsolvability*. Dover, New York 1985.
- [20] Devlin, Keith J. *The Joy of Sets: Fundamentals of Contemporary Set Theory*. Springer, Heidelberg et al. 1999.
- [21] Goldblatt, Robert. *Topoi—The Categorical Analysis of Logic*. North-Holland, Amsterdam, 1984.
- [22] Greub, Werner. *Linear Algebra*. Springer, Heidelberg et al. 1975.
- [23] Gröbner, Wolfgang. *Matrizenrechnung*. Bibliographisches Institut, Mannheim 1966.
- [24] Groff, James R. & Weinberg, Paul N. *SQL: The Complete Reference*. McGraw-Hill Osborne, New York 2002.
- [25] Harary, Frank. *Graph Theory*. Addison-Wesley, Reading 1972.
- [26] Harris, John M., Hirst, Jeffrey L. & Mossinghoff, Michael J. *Combinatorics and Graph Theory*. Springer, Heidelberg et al. 2000.
- [27] Hilbert, David & Ackermann, Wilhelm. *Grundzüge der theoretischen Logik*. Springer, Heidelberg et al. 1967.
- [28] Hopcroft, John E., Motwani, Rajeev & Ullman, Jeffrey D. *Introduction to Automata Theory, Languages and Computation*. Addison Wesley, Reading 2000.
- [29] Jensen, Kathleen & Wirth, Niklaus. *PASCAL—User Manual and Report ISO Pascal Standard*. Springer, Heidelberg et al. 1974.

- [30] Garey, Michael R. & Johnson, David S. *Computers and Intractability: A Guide to the Theory of NP-Completeness*. W H Freeman & Co., New York 1979.
- [31] Knuth, Donald Ervin. *The Art of Computer Programming. Volume I: Fundamental Algorithms*. Addison-Wesley, Reading 1997.
- [32] Knuth, Donald Ervin. *The Art of Computer Programming. Volume II: Seminumerical Algorithms*. Addison-Wesley, Reading 1998.
- [33] Knuth, Donald Ervin. *The Art of Computer Programming. Volume III: Sorting and Searching*. Addison-Wesley, Reading 1998.
- [34] Kruse, Rudolf et al. *Foundations of Fuzzy Systems*. John Wiley & Sons, New York 1996.
- [35] Kuipers, Jack B. *Quaternions and Rotation Sequences*. Princeton University Press, Princeton-Oxford 1998.
- [36] Mac Lane, Saunders & Moerdijk, Ieke. *Sheaves in Geometry and Logic*. Springer, Heidelberg et al. 1992.
- [37] Quine, Willard Van Orman. *Mathematical Logic*. Harvard University Press, Cambridge 1981.
- [38] Rasiowa, Helena & Sikorski, Roman. *The Mathematics of Metamathematics*. Polish Scientific Publishers, Warsaw 1963.
- [39] Reed, Irving S. & Solomon, Gustave. "Polynomial Codes over Certain Finite Fields." *Journal of the Society for Industrial and Applied Mathematics*, Vol. 8, 1960, pp. 300-304.
- [40] Rivest, Ronald L., Shamir, Adi & Adleman, Leonard A. "A method for obtaining digital signatures and public-key cryptosystems." *Communications of the ACM*, Vol. 21, Nr. 2, 1978, pp. 120-126.
- [41] Schneier, Bruce. *Applied Cryptography: Protocols, Algorithms, and Source Code in C*. John Wiley & Sons, New York 1996.
- [42] Steger, Angelika. *Diskrete Strukturen I*. Springer, Heidelberg et al. 2001.
- [43] Stetter, Franz. *Grundbegriffe der Theoretischen Informatik*. Springer, Heidelberg et al. 1988.
- [44] Stinson, Douglas R. *Cryptography: Theory and Practice*. CRC Press, Boca Raton 1995.

- [45] Surma, Stanislaw. *Studies in the History of Mathematical Logic*. Polish Academy of Sciences, 1973.
- [46] van der Waerden, Bartel Leendert. *Algebra I*. Springer, Heidelberg et al. 1966.
- [47] von zur Gathen, Joachim & Gerhard, Jürgen. *Modern Computer Algebra*. Cambridge University Press, Cambridge 1999.
- [48] Zadeh, Lotfi A. "Fuzzy Sets." *Information and Control* 8:338-363, 1965.
- [49] Kline, John. *Mathematical Thought from Ancient to Modern Times*. New York 1990.
- [50] Rivest, Ronald L., Shamir, Adi & Adleman, Leonard A. "A method for obtaining digital signatures and public-key cryptosystems." *Communications of the ACM*, Vol. 21, No. 2, 1978, pp. 120-126.
- [51] Schneier, Bruce. *Applied Cryptography: Protocols, Algorithms, and Source Code in C*. John Wiley & Sons, New York 1996.
- [52] Hilbert, David. *Foundations of Arithmetic*. Springer, Heidelberg et al. 1901.
- [53] Gödel, Kurt. *Collected Works of Kurt Gödel*. Springer, Heidelberg et al. 1986.
- [54] Stinson, Douglas R. *Cryptographic Theory and Practice*. CRC Press, Boca Raton 1993.
- [55] ISO Pascal Standard. Springer, Heidelberg et al. 1974.
- [56] Mac Lane, Saunders & Moerdijk, Ieke. *Sheaves in Geometry and Logic*. Springer, Heidelberg et al. 1992.
- [57] Quine, Willard Van Orman. *Mathematical Philosophy*. Harvard University Press, Cambridge 1961.
- [58] Rasiowa, Helena & Sikorski, Roman. *The Mathematics of Metamathematics*. Polish Scientific Publishers, Warsaw 1963.
- [59] Reed, Irving S. & Solomon, Gustave. "Polynomial Codes over Certain Finite Fields." *Journal of the Society for Industrial and Applied Mathematics*, Vol. 8, 1960, pp. 300-304.
- [60] Groff, James R. & Weinberg, Paul N. *Software Requirements Engineering*. Addison-Wesley, Reading 1985.
- [61] Davis, M. *Computability and Logic*. Clarendon Press, Oxford 1965.
- [62] Dejnozka, Jacek. *Formal Logic*. PWN, Warsaw 1983.
- [63] Kuipers, Jack B. *Quotations and Rotations*. Princeton University Press, Princeton-Oxford 1991.
- [64] Dale, C. J. *An Introduction to Database Systems*. Prentice-Hall, Englewood Cliffs, New Jersey 1986.

