

References used until now (a growing list)

Baumgarten96

Bernd Baumgarten

Petri-Netze

Spektrum Akademischer Verlag, 1996

Baumgarten06

Bernd Baumgarten

Course notes on "Formal Methods"

<http://private.sit.fraunhofer.de/~baumgart/#FM>, 2006

Burris98

Stanley N. Burris

Logic for Mathematics and Computer Science

Prentice Hall, 1998

Cantor90

Georg Cantor

Über eine elementare Frage der Mannigfaltigkeitslehre

Journal der Deutschen Mathematiker-Vereinigung, Bd. I, S. 75-78 (1890-1)

Cantor95

Georg Cantor

Beiträge zur Begründung der transfiniten Mengenlehre

Mathematische Annalen, Band 46, pp. 481-512, 1895

Cohn81

Paul M. Cohn

Universal Algebra (revised edition)

D. Reidel, 1981

deSwart93

Henricus C.M. de Swart et al.

LOGIC: Mathematics, Language, Computer Science and Philosophy Vol. I

Peter Lang, 1993

deSwart94

Henricus C.M. de Swart et al.

LOGIC: Mathematics, Language, Computer Science and Philosophy Vol. II

Peter Lang, 1994

Ehrich&al89

Hans-Dieter Ehrich, Martin Gogolla, and Udo Walter Lipeck

Algebraische Spezifikation abstrakter Datentypen

B. G. Teubner Stuttgart, 1989

EhrigMahr85

Hartmut Ehrig and Bernd Mahr

Fundamentals of Algebraic Specification 1 – Equations and Initial Semantics

W. Brauer, B. Rozenberg, A. Salomaa, eds.,

EATCS Monographs on Theoretical Computer Science 9,

Springer-Verlag, 1985

FeijsJonkers05

Loe M.G. Feijs, Hans B.M. Jonkers,
Formal Specification and Design
Cambridge Tracts in Theoretical Computer Science 35,
Cambridge University Press, 2005

Gossett03

Eric Gossett
Discrete Mathematics with Proof
Prentice Education, Inc., 2003

Linz00

Peter Linz
An Introduction to Formal Languages and Automata, 3rd edition
Jones and Bartlett Publishers International, 2000

Loeckx&al96

Jacques Loeckx, Hans-Dieter Ehrich, and Markus Wolf
Specifications of Abstract Data Types
WileyTeubner Computing, 1996.
John Wiley & Sons, Inc., New York, NY, 1996

Martin02

John Martin
Introduction to Languages and the Theory of Computation, 3rd edition
McGraw-Hill, 2002

Mendelson87

Elliott Mendelson
Introduction to mathematical logic
Wadsworth and Brooks/Cole , 1987

LewPap97

Harry R. Lewis, Christos H. Papadimitriou
Elements of the Theory of Computation (2nd Edition)
Prentice Hall, 1997

Peano89

Arithmetices principia, nova methodo exposita, 1889
(Translation: The principles of arithmetic, presented by a new method in [VanHeijenoort67])

Russell03

Bertrand Russell
Principles of Mathematics
Cambridge University Press, 1903

Russell08

Bertrand Russell [1908]
Mathematical logic as based on the theory of types.
American Journal of Mathematics 30, pp. 222-262, 1908

Schmidt66

Jürgen Schmidt
Mengenlehre I
Bibliographisches Institut, 1966

Stoll63

Robert R. Stoll

Set theory and logic

W.H. Freeman and Company, 1963

VanHeijenoort67

Jean van Heijenoort

From Frege to Gödel – A Source Book in Mathematical Logic 1879-1931

Harvard University Press, 1967

For future use

Amir02

Eyal Amir

Interpolation Theorems for Nonmonotonic Reasoning Systems

Lecture Notes in Computer Science 2424, pp 233 - 244, Springer, 2002

Baumgarten96

Bernd Baumgarten

Petri-Netze

Spektrum Akademischer Verlag, 1996

Baumgarten97

Bernd Baumgarten

Mathematical Aspects of Specification Theory

GMD Arbeitspapier 1066, 1997

BellMach77

John Bell, Moshe Machover

A Course in Mathematical Logic

North-Holland, 1977

Beth53

Evert Beth

On Padoa's method in the theory of definition

Nederl. Akad. Wetensch. Proc. Ser. A **56**, pp 330-339, 1953.

Brendel92

Elke Brendel

Die Wahrheit über den Lügner

Eine philosophisch-logische Analyse der Antinomie des Lügners
de Gruyter 1992.

Bryant86

R.E. Bryant

Graph-based Algorithms for Boolean Function Manipulation

IEEE Trans. Comput(ers/ing) 35(8), pp 677-691, 1986

BrCIMcMEm00

Randy Bryant, Ed Clarke, Ken McMillan, Allen Emerson

Binary Decision Diagrams and Symbolic Model Checking

Foliensatz, Symposium on Algorithms in the Real World, May, 2000

<http://www-2.cs.cmu.edu/~bryant/presentations/arw00.ppt>

Börger92

Egon Börger

Berechenbarkeit, Komplexität, Logik

Vieweg, 1992

BoolJeff80

George S. Boolos, Richard C. Jeffrey
Computability and Logic
Cambridge University Press, 1980

Craig57

W. Craig
Linear Reasoning, a New Form of the Herbrand-Gentzen Theorem
Journal of Symbolic Logic 22, pp 250-268, 1957

Curry80

Haskell B. Curry
Foundations of Mathematical Logic
McGraw-Hill, 1963

DetlPodnXX

Vilnis Detlovs, Karlis Podnieks
Introduction to Mathematical Logic
Hyper-textbook <http://www.ltn.lv/~podnieks/mlog/ml.htm>

DrecSiel01

Rolf Drechsler, Detlef Sieling
Binary decision diagrams in theory and practice
Intl. Journ. on Software Tools for Technology Transfer 3, pp. 112-136, 2001

EbbFluTho96

Heinz-Dieter Ebbinghaus, Jürg Flum, Wolfgang Thomas
Einführung in die Mathematische Logik
Spektrum Akademischer Verlag, 1996

Enderton72

Herbert B. Enderton
A Mathematical Introduction to Logic
Academic Press, 1972

EschHabe03

Carola Eschenbach, Christof Habel
Logik, eine formale Grundlage der Informatik
<http://www.informatik.uni-hamburg.de/WSV/fl/2002/fl.html>

Esch93

Bernhard Eschermann
Funktionaler Entwurf digitaler Schaltungen. Methoden und CAD-Techniken
Springer Verlag, 6. Auflage, 1993

Felgner71

Ulrich Felgner
Models of ZF-Set Theory
Springer Verlag, Lecture Notes in Mathematics Nr. 223, 1971

Forster97

T. E. Forster

Sixty years of NF (Quine's NF - 60 years on?, 1998?)

The American Mathematical Monthly 104/9, pp 838-845, 1997

FurbachXX

Ulrich Furbach

Logik-Hypertext

<http://einst.uni-koblenz.de/~uli/LEHRE/logik-skript-alt/logik-skript.html>

[Galison03]

Peter L. Galison

Einstein's Clocks, Poincaré's Maps: Empires of Time

Norton, 2003

Gentzen35

G. Gentzen

Untersuchungen über das logische Schließen

Mathematische Zeitschrift 39, S. 176-210 und 405-431, 1934/1935

Kneebone63

G.T. Kneebone

Mathematical Logic and the Foundations of Mathematics

Van Nostrand, 1963

Korfhage66

R.R. Korfhage

Logic and Algorithms

Wiley, 1966

[Landau30]

Edmund Landau

Grundlagen der Analysis

Akademische Verlagsgesellschaft, 1930

MannWald85

Zohar Manna, Richard Waldinger

The Logical Basis for Computer Programming, Vol I

Addison-Wesley, 1985

MeinTheob98

Christoph Meinel, Thorsten Theobald

Algorithmen und Datenstrukturen im VLSI-Design – OBDD - Grundlagen und Anwendungen

Springer, 1998

[Orwell49]

Eric A. Blair (alias George Orwell)

Nineteen Eighty-Four

Secker & Warburg, 1949

Quine37

W.V. Quine

New foundations for mathematical logic.

American Mathematical Monthly 44, pp. 70-80, 1937

Salmon83

Wesley C. Salmon

Logik

Philipp Reclam jun., 1983

Schütte62

K. Schütte

Der Interpolationssatz der intuitionistischen Prädikatenlogik

Philipp Reclam jun., 1983

Starke00

Peter H. Starke

Logische Grundlagen der Informatik

Humboldt Universität, Berlin, 2000

<http://www.informatik.hu-berlin.de/lehrstuehle/automaten/logik/logik.html>