
Bibliography

[Abelson85]

Harold Abelson, Gerald Jay Sussman, and Julie Sussman, *Structure and Interpretation of Computer Programs*, MIT Press, Cambridge, MA, 1985.

[Aho86]

Alfred Aho, Ravi Sethi, and Jeffrey Ullman, *Compilers: Principles, Techniques, and Tools*, Addison-Wesley, Reading, MA, 1986.

[Alagic78]

Suad Alagic and Michael Arbib, *The Design of Well-Structured and Correct Programs*, Springer-Verlag, New York, 1978.

[Allison86]

Lloyd Allison, *A Practical Introduction to Denotational Semantics*, Cambridge University Press, Cambridge, UK, 1986.

[Anderson76]

E. R. Anderson, F. C. Belz, and E. K. Blum, "SEMANOL (73) A Metalanguage for Programming the Semantics of Programming Languages", *Acta Informatica*, 6, 1976, pp. 109–131.

[Astesiano91]

Egidio Astesiano, "Inductive and Operational Semantics", In *Formal Description of Programming Concepts*, edited by Erich Neuhold, et al, Springer-Verlag, Berlin, 1991.

[Backhouse79]

Roland Backhouse, *Syntax of Programming Languages: Theory and Practice*, Prentice Hall International, Hemel Hempstead, UK, 1979.

[Backhouse86]

Roland Backhouse, *Program Construction and Verification*, Prentice Hall International, Englewood Cliffs, NJ, 1986.

[Backus78]

John Backus, "Can Programming Be Liberated from the von Neumann Style? A functional Style and Its Algebra of Programs", *Communications of the ACM*, 21.8, August 1978, pp. 613–641.

[Barendregt84]

H. P. Barendregt, *The Lambda Calculus, Its Syntax and Semantics*, North-Holland, Amsterdam, 1984.

[Bennett90]

Jeremy Bennett, *Introduction to Compiling Techniques*, McGraw-Hill, New York, 1990.

- [Bergstra89]
J. Bergstra, J. Heering, and Paul Klint, *Algebraic Specification*, Addison-Wesley, Reading, MA, 1989.
- [Bird76]
Richard Bird, *Programs and Machines*, Wiley, New York, 1976.
- [Bochman76]
Gregor Bochman, "Semantic Evaluation from Left to Right", *Communications of the ACM*, 19.2, February 1976, pp. 55–62.
- [Bochman78]
Gregor Bochman and P. Ward, "Compiler Writing System for Attribute Grammars", *The Computer Journal*, 21.2, May 1978, pp. 144–148.
- [Bratko90]
Ivan Bratko, *Prolog: Programming for Artificial Intelligence*, Second Edition, Addison-Wesley, Reading, MA, 1990.
- [Brown92]
Deryck Brown, Hermano Moura, and David Watt, "ACTRESS: an Action Semantics Directed Compiler Generator", *Proceeding of the 1992 Workshop on Compiler Construction*, Paderborn, Germany, Lecture Notes in Computer Science, 641, Springer-Verlag, Berlin, 1992, pp. 95–109.
- [Broy87]
Manfred Broy, Martin Wirsing, and Peter Pepper, "On the Algebraic Definition of Programming Languages", *ACM Transactions on Programming Languages and Systems*, 9.1, 1987, pp. 54–99.
- [Bryant86a]
Barrett Bryant, Balanjaninath Edupuganty, San-Jon Chao, and Danny Deng, "Two-Level Grammar as a Programming Language for Data Flow and Pipelined Algorithms", *Proceedings of the IEEE Computer Society 1986 International Conference on Computer Languages*, 1986, pp. 136–143.
- [Bryant86b]
Barrett Bryant, Balanjaninath Edupuganty, and Lee Hull, "Two-Level Grammar as an Implementable Metalanguage for Axiomatic Semantics", *Computer Languages*, 11.3/4, 1986, pp. 173–191.
- [Bryant88]
Barrett Bryant, et al, "Two-Level Grammar: Data Flow English for Functional and Logic Programming", *Proceedings of the 1988 ACM Computer Science Conference*, pp. 469–474.
- [Burstall82]
R. M. Burstall and J. A. Goguen, "Algebras, theories and freeness: an introduction for computer scientists", In *Theoretical Foundations of Programming Methodology*, edited by M. Broy and G. Schmidt, Reidel, Dordrecht, Holland, 1982, pp. 329–348.

- [Campbell84]
J. A. Campbell, editor, *Implementations of Prolog*, Ellis Horwood, Chichester, UK, 1984.
- [Chomsky56]
Noam Chomsky, "Three Models for the Description of Language", *IRE Transactions on Information Theory*, IT-2, 1956, pp. 113–124.
- [Chomsky59]
Noam Chomsky, "On Certain Formal Properties of Grammars", *Information and Control*, 2, 1959, pp. 137–167.
- [Cleaveland77]
J. C. Cleaveland and R. C. Uzgalis, *Grammars for Programming Languages*, Elsevier North-Holland, New York, 1977.
- [Clocksin87]
W. F. Clocksin and C. S. Mellish, *Programming in Prolog*, Third Edition, Springer-Verlag, Berlin, 1987.
- [Cohen79]
Rina Cohen and Eli Harry, "Automatic Generation of Near-Optimal Translators for Noncircular Attribute Grammars", *Sixth Annual ACM Symposium on Principles of Programming Languages*, 1979, pp. 121–134.
- [Colmerauer78]
Alain Colmerauer, "Metamorphosis Grammars", In *Natural Language Communication with Computers*, edited by Leonard Bolc, Springer-Verlag, Berlin, 1978, pp. 133–189.
- [Covington88]
Michael Covington, Donald Nute, and Andre Vellino, *Prolog Programming in Depth*, Scott, Foresman, Glenview, IL, 1988.
- [Demers85]
A. Demers, A. Rogers, and F. K. Zadeck, "Attribute propagation by message passing", *ACM SIGPLAN Notices*, 20.7, July 1985, pp. 43–59.
- [Deransart90]
P. Deransart and M. Jourdan, editors, *Attribute Grammars and their Applications*, LNCS 461, Springer-Verlag, Berlin, 1990.
- [Deussen75]
P. Deussen, "A Decidability Criterion for van Wijngaarden Grammars", *Acta Informatica*, 5, 1975, pp. 353–375.
- [Diller88]
Antoni Diller, *Compiling Functional Languages*, Wiley, Chichester, UK, 1988.
- [Dijkstra76]
Edsger Dijkstra, *A Discipline of Programming*, Prentice Hall, Englewood Cliffs, NJ, 1976.

- [Dromey89]
Geoff Dromey, *Program Derivation: The Development of Programs from Specifications*, Addison-Wesley, Reading, MA, 1989.
- [Dybvig87]
Kent Dybvig, *The Scheme Programming Language*, Prentice Hall, Englewood Cliffs, NJ, 1987, pp. 33–42.
- [Edupuganty85]
Balanjaninath Edupuganty and Barrett Bryant, “Two-Level Grammars for Automatic Interpretation”, *Proceedings of the 1985 ACM Annual Conference*, Denver, pp. 417–423.
- [Edupuganty88]
Balanjaninath Edupuganty and Barrett Bryant, “Two-Level Grammar: An Implementable Metalanguage for Denotational Semantics”, Technical Report CIS-TR-88-05, University of Alabama at Birmingham, 1988.
- [Edupuganty89]
Balanjaninath Edupuganty and B. R. Bryant, “Two-Level Grammar as a Functional Programming Language”, *The Computer Journal*, 32.1, 1989, pp. 36–44.
- [Ehrig85]
Hartmut Ehrig and Bernd Mahr, *Fundamentals of Algebraic Specification 1: Equations and Initial Semantics*, Springer-Verlag, Berlin, 1985.
- [Enderton72]
Herbert Enderton, *A Mathematical Introduction to Logic*, Academic Press, New York, 1972.
- [Farrow84]
Rodney Farrow, “Generating a Production Compiler from an Attribute Grammar”, *IEEE Software*, 1.4, October 1984, pp. 77–93.
- [Farrow89]
Rodney Farrow and Alec Stanculescu, “A VHDL Compiler Based on Attribute Grammar Methodology”, *SIGPLAN Notices*, 24.7, 1989, pp. 120–130.
- [Field88]
Anthony Field and Peter Harrison, *Functional Programming*, Addison-Wesley, Wokingham, UK, 1988.
- [Fischer91]
Charles Fischer and Richard LeBlanc, Jr., *Crafting a Compiler with C*, Benjamin/Cummings, Redwood City, CA, 1991.
- [Floyd67]
Robert Floyd, “Assigning Meaning to Programs”, *AMS Symposia in Applied Mathematics*, 19, 1967, pp. 19–67.
- [Francez92]
Nissim Francez, *Program Verification*, Addison-Wesley, Reading, MA, 1992.

- [Friedman92]
Daniel Friedman, Mitchell Wand, and Christopher Haynes, *Essentials of Programming Languages*, McGraw-Hill, New York, 1992.
- [Glaser84]
Hugh Glaser, Chris Hankin, and David Till, *Principles of Functional Programming*, Prentice Hall International, Hemel Hempstead, UK, 1984.
- [Goguen77]
J. A. Goguen, J. W. Thatcher, E. G. Wagner, and J. B. Wright, "Initial Algebra Semantics and Continuous Algebras", *Journal of the ACM*, 24.1, January 1977, pp. 68–95.
- [Goguen78]
J. A. Goguen, J. W. Thatcher, and E. G. Wagner, "An Initial Algebra Approach to the Specification, Correctness, and Implementation of Abstract Data Types", In *Current Trends in Programming Methodology IV: Data Structuring*, edited by Raymond Yeh, Prentice Hall, Englewood Cliffs, NJ, 1978, pp. 80–149.
- [Gordon79]
Michael Gordon, *The Denotational Description of Programming Languages*, Springer-Verlag, New York, 1979.
- [Gordon88]
Michael Gordon, *Programming Language Theory and its Implementation*, Prentice Hall International, Hemel Hempstead, UK, 1988.
- [Gries81]
David Gries, *The Science of Programming*, Springer-Verlag, New York, 1981.
- [Gumb89]
Raymond Gumb, *Programming Logics: An Introduction to Verification and Semantics*, Wiley, New York, 1989.
- [Gunter90]
Carl Gunter and Dana Scott, "Semantic Domains", In *Handbook of Theoretical Computer Science: Volume B, Formal Models and Semantics*, edited by Jan van Leeuwen, MIT Press, Cambridge, MA, 1990.
- [Gunter92]
Carl Gunter, *Semantics of Programming Languages: Structures and Techniques*, MIT Press, Cambridge, MA, 1992.
- [Gutttag78a]
John Gutttag and J. J. Horning, "The Algebraic Specification of Abstract Data Types", *Acta Informatica*, 10, 1978, pp. 27–52.
- [Gutttag78b]
John Gutttag, Ellis Horowitz, and David Musser, "Abstract Data Types and Software Validation", *Communications of the ACM*, 21.12, December 1978, pp. 1048–1064.

[Guttag78c]

John Guttag, Ellis Horowitz, and David Musser, "The Design of Data Type Specification", In *Current Trends in Programming Methodology IV: Data Structuring*, edited by Raymond Yeh, Prentice Hall, Englewood Cliffs, NJ, 1978, pp. 60–79.

[Guttag80]

John Guttag, "Notes on Type Abstraction (Version 2)", *IEEE Transactions on Software Engineering*, SE-6.1, January 1980, pp. 13–23.

[Hennessy90]

Matthew Hennessy, *The Semantics of Programming Languages: An Elementary Introduction Using Structural Operational Semantics*, Wiley, New York, 1990.

[Henson87]

Martin Henson, *Elements of Functional Languages*, Blackwell Scientific, Oxford, UK, 1987.

[Hoare69]

C. A. R. Hoare, "An Axiomatic Basis for Computer Programming", *Communications of the ACM*, 12.10, October 1969, pp. 576–580.

[Hoare73]

C. A. R. Hoare and Niklaus Wirth, "An Axiomatic Definition of the Programming Language Pascal", *Acta Informatica*, 2, 1973, pp. 335–355.

[Hopcroft79]

John Hopcroft and Jeffrey Ullman, *Introduction to Automata Theory, Languages, and Computation*, Addison-Wesley, Reading, MA, 1979.

[Janssen86]

T. M. V. Janssen, *Foundations and Applications of Montague Grammar, Part I*, Volume 19 of *CWI Tracts*, Center for Mathematics and Computer Science, Amsterdam, 1986.

[Johnson78]

S. C. Johnson, "YACC - Yet Another Compiler-Compiler", Bell Laboratories, Murray Hill, NJ, July 1978.

[Johnson85]

G. F. Johnson, and C. N. Fischer, "A Meta-language and System for Nonlocal Incremental Evaluation in Language-based Editors", *Twelfth ACM Symposium on Principles of Programming Languages*, New Orleans, 1985, ACM, New York, pp. 141–151.

[Kahn87]

Giles Kahn, "Natural Semantics", In *Fourth Annual Symposium on Theoretical Aspects of Computer Science*, edited by F. Bandenburg, G. Vidal-Naquet, and M. Wirsing, Lecture Notes in Computer Science, 247, Springer-Verlag, Berlin, 1987, pp. 22–39.

- [Kamin90]
Samuel Kamin, *Programming Languages: An Interpreter-Based Approach*, Addison-Wesley, Reading, MA, 1990.
- [Kastens80]
U. Kastens, "Ordered Attribute Grammars", *Acta Informatica*, 13.3, 1980, pp. 229-256.
- [Kennedy76]
K. Kennedy and S. K. Warren, "Automatic Generation of Efficient Evaluators for Attribute Grammars", *Third ACM Symposium of Principles of Programming Languages*, Atlanta, GA, 1976, ACM, New York.
- [Kennedy79]
K. Kennedy and J. Ramanathan, "A Deterministic Attribute Grammar Evaluator Based on Dynamic Sequencing", *ACM Transactions on Programming Languages and Systems*, 1.1, 1979, pp. 142-160.
- [Kluzniak85]
Feliks Kluzniak and Stanislaw Szpakowicz, *Prolog for Programmers*, Academic Press, London, 1985.
- [Knuth68]
Donald Knuth, "Semantics of Context-Free Languages", *Mathematical Systems Theory*, 2, 1968, pp. 127-145. Correction in 5, 1971, p. 95.
- [Kowalski79]
Robert Kowalski, "Algorithm = Logic + Control", *Communications of the ACM*, 22.7, July 1979, pp. 424-436.
- [Kupka80]
I. Kupka, "van Wijngaarden Grammars as a Special Information Processing Model", In *Mathematical Foundations of Computer Science*, Lecture Notes in Computer Science, 88, edited by P. Dembinski, Springer-Verlag, Berlin, 1980, pp. 387-401.
- [Kurtz91]
Barry Kurtz, "Laboratory Activities for Studying the Formal Semantics of Programming Languages", *SIGCSE Bulletin*, 23.1, March 1991, pp. 162-168.
- [Landin64]
Peter Landin, "The Mechanical Evaluation of Expressions", *The Computer Journal*, 6.4, January 1964, pp. 308-320.
- [Landin66]
Peter Landin, "A λ -Calculus Approach", In *Advances in Programming and Non-numerical Computation*, edited by Leslie Fox, Pergamon Press, Oxford, UK, 1966, pp. 97-141.
- [Lesk75]
M. E. Lesk, "Lex - A Lexical Analyzer Generator", Computer Science Technical Report 39, Bell Laboratories, Murray Hill, NJ, October 7, 1975.

[Lewis74]

P. M. Lewis, D. J. Rosenkrantz, and R. E. Stearns, "Attributed Translations", *Journal of Computer and Systems Sciences*, 9, 1974, pp. 279–307.

[MacLennan90]

Bruce MacLennan, *Functional Programming Methodology: Practice and Theory*, Addison-Wesley, Reading, MA, 1990.

[Malpas87]

John Malpas, *Prolog: A Relational Language and its Applications*, Prentice Hall, Englewood Cliffs, NJ, 1987.

[McCarthy60]

John McCarthy, "Recursive Functions of Symbolic Expressions and Their Computation by Machine", *Communications of the ACM*, 3.4, April 1960, pp. 184–195.

[McCarthy65a]

John McCarthy, "A Basis for a Mathematical Theory of Computation", In *Computer Programming and Formal Systems*, edited by P. Braffort and D. Hirschberg, North-Holland, Amsterdam, 1965, pp. 33–70.

[McCarthy65b]

John McCarthy, et al, *LISP 1.5 Programmer's Manual*, Second Edition, MIT Press, Cambridge, MA, 1965.

[Maluszynski84]

Jan Maluszynski, "Towards a Programming Language Based on the Notion of Two-Level Grammar", *Theoretical Computer Science*, 28, 1984, pp. 13–43.

[Manna72]

Zohar Manna and Jean Vuillemin, "Fixpoint Approach to the Theory of Computation", *Communications of the ACM*, 15.7, July 1972, pp. 528–536.

[Manna73]

Zohar Manna, Stephen Ness, and Jean Vuillemin, "Inductive Methods for Proving Properties of Programs", *Communications of the ACM*, 16.8, August 1973, pp. 491–502.

[Manna74]

Zohar Manna, *Mathematical Theory of Computation*, McGraw-Hill, New York, 1974.

[Manna93]

Zohar Manna and Richard Waldinger, *The Deductive Foundations of Computer Programming*, Addison-Wesley, Reading, MA, 1993.

[Marcotty76]

Michael Marcotty, Henry Ledgard, and Gregor Bochmann, "A Sampler of Formal Definitions", *Computing Surveys*, 8.2, 1976, pp. 191–276.

- [Martin91]
John C. Martin, *Introduction to Languages and the Theory of Computation*, McGraw-Hill, New York, 1991.
- [Mayoh81]
B. H. Mayoh, "Attribute Grammars and Mathematical Semantics", *SIAM Journal on Computing*, 10.3, August 1981, pp. 503–518.
- [Meek90]
Brian Meek, "The Static Semantic File", *SIGPLAN Notices*, 25.4, 1990, pp. 33–42.
- [Mendelson79]
Elliott Mendelson, *Introduction to Mathematical Logic*, Second Edition, D. Van Nostrand Company, New York, 1979.
- [Meyer90]
Bertrand Meyer, *Introduction to the Theory of Programming Languages*, Prentice Hall, Hemel Hempstead, UK, 1990.
- [Michaelson89]
Greg Michaelson, *An Introduction to Functional Programming through Lambda Calculus*, Addison-Wesley, Wokingham, UK, 1989.
- [Mosses89]
Peter Mosses, "Unified Algebras and Action Semantics", In *STACS'89, Proceedings Symposium on Theoretical Aspects of Computer Science*, Paderborn, Germany, Lecture Notes in Computer Science, 349, Springer-Verlag, Berlin, 1989.
- [Mosses90]
Peter Mosses, "Denotational Semantics", In *Handbook of Theoretical Computer Science: Volume B, Formal Models and Semantics*, edited by Jan van Leeuwen, MIT Press, Cambridge, MA, 1990.
- [Mosses91]
Peter Mosses, "An Introduction to Action Semantics", Technical Report, DAIMI PB-370, Computer Science Department, Aarhus University, Aarhus, Denmark, November 1991.
- [Mosses92]
Peter Mosses, *Action Semantics*, Cambridge University Press, Cambridge, UK, 1992.
- [Naur63]
Peter Naur, editor, "Revised Report on the Algorithmic Language Algol 60", *Communications of the ACM*, 6.1, January 1963, pp. 1–20.
- [Nielson92]
Hanne Riis Nielson and Flemming Nielson, *Semantics with Applications: A Formal Introduction*, Wiley, Chichester, UK, 1992.

[Nilsson84]

M. Nilsson, "The World's Shortest Prolog Interpreter?", In *Implementations of Prolog*, edited by J.A. Campbell, Ellis Horwood, Chichester, UK, 1984, pp. 87–92.

[Noonan85]

Robert Noonan, "An Algorithm for Generating Abstract Syntax Trees", *Computer Language*, 10.3/4, 1985, pp. 225–236.

[Pagan76]

Frank Pagan, "On Interpreter-oriented Definitions of Programming Languages", *Computer Journal*, 2, 1976, pp. 151–155.

[Pagan81]

Frank Pagan, *Formal Specification of Programming Languages: A Panoramic Primer*, Prentice Hall, Englewood Cliffs, NJ, 1981.

[Pagan83]

Frank Pagan, "A Diagrammatic Notation for Abstract Syntax and Abstract Structured Objects", *IEEE Transactions on Software Engineering*, SE-9.3, May 1983, pp. 280–289.

[Parsons92]

Thomas W. Parsons, *Introduction to Compiler Construction*, Computer Science Press, New York, 1992.

[Paulson87]

Lawrence Paulson, *Logic and Computation*, Cambridge University Press, Cambridge, UK, 1987.

[Peyton Jones87]

Simon Peyton Jones, *Implementation of Functional Programming Languages*, Prentice Hall International, Hemel Hempstead, UK, 1987.

[Pittman92]

Thomas Pittman and James Peters, *The Art of Compiler Design: Theory and Practice*, Prentice Hall, Englewood Cliffs, NJ, 1992.

[Plotkin81]

Gordon Plotkin, "A Structural Approach to Operational Semantics", Technical Report, DAIMI FN-19, Computer Science Department, Aarhus University, Aarhus, Denmark, 1981.

[Prawitz65]

Dag Prawitz, *Natural Deduction: A Proof-Theoretical Study*, Almqvist & Wiksell, Stockholm, 1965.

[Reade89]

Chris Reade, *Elements of Functional Programming*, Addison-Wesley, Wokingham, UK, 1989.

[Reeves90]

Steve Reeves and Michael Clarke, *Logic for Computer Science*, Addison-Wesley, Reading, MA, 1990.

- [Reps89]
T. Reps and T. Teitelbaum, *The Synthesizer Generator: A System for Constructing Language-based Editors*, Springer-Verlag, New York, 1989.
- [Revesz88]
Gyorgy Revesz, *Lambda-Calculus, Combinators, and Functional Programming*, Cambridge University Press, Cambridge, UK, 1988.
- [Robinson65]
J. A. Robinson, "A Machine-Oriented Logic Based On the Resolution Principle", *Journal of the ACM*, 12, pp. 23-41, January 1965.
- [Ross89]
Peter Ross, *Advanced Prolog: Techniques and Examples*, Addison-Wesley, Reading, MA, 1989.
- [Rosser84]
J. Barkley Rosser, "Highlights of the History of the Lambda-Calculus", *IEEE Annals of the History of Computing*, 1984, pp. 337-349.
- [Ruei93]
Ruth Ruei and Ken Slonneger, "Semantic Prototyping: Implementing Action Semantics in Standard ML", Technical Report 93-08, The University of Iowa, Department of Computer Science, Iowa City, IA, 1993.
- [Saint-Dizier90]
Patrick Saint-Dizier and Stan Szpakowicz, *Logic and Logic Grammars for Language Processing*, Ellis Horwood, Chichester, UK, 1990.
- [Schmidt88]
David Schmidt, *Denotational Semantics: A Methodology for Language Development*, Wm. C. Brown Publishers, Dubuque, IA, 1988.
- [Scott76]
Dana Scott, "Data Types as Lattices", *SIAM Journal on Computing*, 5.3, September 1976, pp. 522-587.
- [Scott80]
Dana Scott, "Lambda Calculus: Some Models, Some Philosophy", In *The Kleene Symposium*, North-Holland, Amsterdam, 1980, pp. 223-265.
- [Scott82]
Dana Scott, "Domains for Denotational Semantics", In *Automata, Languages and Programming IX*, Springer-Verlag, Berlin, pp. 577-613.
- [Sebesta93]
Robert Sebesta, *Concepts of Programming Languages*, Benjamin/Cummings, Redwood City, CA, 1993.
- [Sethi89]
Ravi Sethi, *Programming Languages: Concepts and Constructs*, Addison-Wesley, Reading, MA, 1989.
- [Sintzoff67]
M. Sintzoff, "Existence of a van Wijngaarden Syntax for Every Recursively Enumerable Set", *Ann. Soc. Sci. Bruxelles* 81, 1967, 2, pp. 115-118.

- [Slonneger91]
Ken Slonneger, "An Exercise in Denotational Semantics", *SIGCSE Bulletin*, 23, 1, March 1991, pp. 178–183.
- [Slonneger93]
Ken Slonneger, "Executing Continuation Semantics: A Comparison", *Software — Practice and Experience*, 23.12, December 1993.
- [Springer89]
George Springer and Daniel Friedman, *Scheme and the Art of Programming*, MIT Press, Cambridge, MA, 1989.
- [Stepney93]
Susan Stepney, *High Integrity Compilation: A Case Study*, Prentice Hall International, Hemel Hempstead, UK, 1993.
- [Sterling94]
Leon Sterling and Ehud Shapiro, *The Art of Prolog*, Second Edition, MIT Press, Cambridge, MA, 1994.
- [Stoy77]
Joseph Stoy, *Denotational Semantics: The Scott-Strachey Approach to Programming Language Theory*, MIT Press, Cambridge, MA, 1977.
- [Strachey66]
Christopher Strachey, "Towards a Formal Semantics", In *Formal Language Description Languages*, edited by T. B. Steele, North-Holland, Amsterdam, 1966, pp. 198–220.
- [Strachey72]
Christopher Strachey, "The Varieties of Programming Language", In *Proceedings of the International Computing Symposium*, Cini Foundation, Venice, 1972, pp. 222–233.
- [Sundararaghavan87]
K. R. Sundararaghavan, Balanjaninath Edupuganty, and Barrett Bryant, "Towards a Two-Level Grammar Interpreter", *Proceedings of the ACM 25th Annual Southeast Regional Conference*, 1987, Birmingham, AL, pp. 81–88.
- [Tarski55]
Alfred Tarski, "A Lattice-Theoretical Fixpoint Theorem and its Applications", *Pacific Journal of Mathematics*, 5, 1955, pp. 285–309.
- [Tennent76]
R. D. Tennent, "The Denotational Semantics of Programming Languages", *Communications of the ACM*, 19.8, August 1976, pp. 437–453.
- [Tennent81]
R. D. Tennent, *Principles of Programming Languages*, Prentice Hall International, Englewood Cliffs, NJ, 1981.
- [Tennent91]
R. D. Tennent, *Semantics of Programming Languages*, Prentice Hall International, Hemel Hempstead, UK, 1991.

- [Turner84]
S. J. Turner, "W-Grammars for Logic Programming", In *Implementations of Prolog*, edited by J. A. Campbell, Ellis Horwood, Chichester, UK, 1984, pp. 352–368.
- [van Wijngaarden66]
Aad van Wijngaarden, "Recursive Definition of Syntax and Semantics", In *Formal Language Description Languages for Computer Programming*, edited by T. B. Steel, North-Holland, Amsterdam, 1966, pp. 13–24.
- [van Wijngaarden76]
Aad van Wijngaarden, et al, *Revised Report on the Algorithmic Language ALGOL 68*, Springer-Verlag, Berlin, 1976.
- [van Wijngaarden82]
Aad van Wijngaarden, "Languageless Programming", In *The Relationship Between Numerical Computation and Programming Languages*, edited by J. K. Reid, North-Holland, Amsterdam, 1982, pp. 361–371.
- [Wagner78]
E. G. Wagner, T. W. Thatcher, and J. B. Wright, "Programming Languages as Mathematical Objects", *Mathematical Foundations of Computer Science*, Lecture Notes in Computer Science, 45, 1978, Springer-Verlag, Berlin, 1978.
- [Waite84]
William Waite and Gerhard Goos, *Compiler Construction*, Springer-Verlag, New York, 1984.
- [Warren80]
David H. D. Warren, "Logic Programming and Compiler Writing", *Software—Practice and Experience*, 10, 1980, pp. 97–125.
- [Watt79]
David Watt, "An Extended Attribute Grammar for PASCAL", *SIGPLAN Notices*, 14.2, 1979, pp. 60–74.
- [Watt90]
David Watt, *Programming Language Concepts and Paradigms*, Prentice Hall International, Hemel Hempstead, UK, 1990.
- [Watt91]
David Watt, *Programming Language Syntax and Semantics*, Prentice Hall International, Hemel Hempstead, UK, 1991.
- [Watt93]
David Watt, *Programming Language Processors*, Prentice Hall International, Hemel Hempstead, UK, 1993.
- [Wegner72]
Peter Wegner, "The Vienna Definition Language", *Computing Surveys*, 4.1, March 1972, pp. 5–63.

[Wexelblat81]

Richard Wexelblat, *The History of Programming Languages*, Academic Press, New York, 1981.

[Winskel93]

Glynn Winskel, *The Formal Semantics of Programming Languages*, MIT Press, Cambridge, MA, 1993.

[Wirsing90]

Martin Wirsing, "Algebraic Specification", In *Handbook of Theoretical Computer Science: Volume B, Formal Models and Semantics*, edited by Jan van Leeuwen, MIT Press, Cambridge, MA, 1990.

[Woodcock88]

Jim Woodcock and Martin Loomes, *Software Engineering Mathematics: Formal Methods Demystified*, Pitman, London, 1988.