Reserved Books for CS 812 - Programing Language Semantics - Spring 2006

John C. Reynolds

January 4, 2006

References

[1] Harold Abelson, Gerald Jay Sussman, and Julie Sussman. *Structure and Interpretation of Computer Programs*. MIT Press, Cambridge, Massachusetts, 1985.

[2] Gregory R. Andrews. *Concurrent Programming*. Benjamin/Cummings, Redwood City, California, 1991.

[3] Krzysztof R. Apt and E.-R. Olderog. *Verification of Sequential and Concurrent Programs*. Springer-Verlag, New York, 1991.

[4] Hendrik Pieter Barendregt. *The Lambda Calculus, Its Syntax and Semantics*, volume 103 of *Studies in Logic and the Foundations of Mathematics*. North-Holland, Amsterdam, revised edition, 1984.

[5] Richard J. Bird and Philip Wadler. *Introduction to Functional Programming*. Prentice-Hall International, Hemel Hempstead, England, 1988.

[6] Per Brinch Hansen, editor. *The Origin of Concurrent Programming*. Springer-Verlag, New York, 2002.

[7] K. Mani Chandy and Jayadev Misra. *Parallel Program Design*. Addison-Wesley, Reading, Massachusetts, 1988.

[8] O.-J. Dahl, Edsger W. Dijkstra, and C. A. R. Hoare. *Structured Programming*, volume 8 of *A.P.I.C. Studies in Data Processing*. Academic Press, London, 1972.

[9] Edsger W. Dijkstra. *A Discipline of Programming.* Prentice-Hall, Englewood Cliffs, New Jersey, 1976.

[10] Anthony J. Field and Peter G. Harrison. *Functional Programming.* Addison-Wesley, Wokingham, England, 1988.

[11] Daniel P. Friedman, Mitchell Wand, and Christopher T. Haynes. *Essentials of Programming Languages.* MIT Press, Cambridge, Massachusetts, 1992.

[12] David Gries. *The Science of Programming.* Springer-Verlag, New York, 1981.

[13] Carl A. Gunter. *Semantics of Programming Languages.* MIT Press, Cambridge, Massachusetts, 1992.

[14] Carl A. Gunter and John C. Mitchell. *Theoretical Aspects of Object-Oriented Programming.* MIT Press, Cambridge, Massachusetts, 1994.

[15] Peter Henderson. *Functional Programming.* Prentice-Hall International, London, 1980.

[16] J. Roger Hindley and Jonathan P. Seldin. *Introduction to Combinators and λ-Calculus.* Cambridge University Press, Cambridge, England, 1986.

[17] C. A. R. Hoare. *Communicating Sequential Processes.* Prentice-Hall International, London, 1985.

[18] Gérard Huet, editor. *Logical Foundations of Functional Programming.* Addison-Wesley, Reading, Massachusetts, 1990.

[19] Michael R. A. Huth and Mark D. Ryan. *Logic in Computer Science: Modelling and Reasoning about Systems.* Cambridge University Press, Cambridge, England, 2000.

[20] Jacques Loeckx, Kurt Sieber, and Ryan D. Stansifer. *The Foundations of Program Verification.* Wiley, Chichester, England, second edition, 1987.

[21] Zohar Manna and Amir Pnueli. *The Temporal Logic of Reactive and Concurrent Systems.* Springer-Verlag, New York, 1992.

[22] Robin Milner. *Communication and Concurrency.* Prentice-Hall, New York, 1989.

[23] Robin Milner and Mads Tofte. *Commentary on Standard ML.* MIT Press, Cambridge, Massachusetts, 1991.

[24] Robin Milner, Mads Tofte, and Robert W. Harper. *The Definition of Standard ML*. MIT Press, Cambridge, Massachusetts, 1990.

[25] John C. Mitchell. *Foundations for Programming Languages*. MIT Press, Cambridge, Massachusetts, 1996.

[26] Carroll Morgan. *Programming from Specifications*. Prentice-Hall International, London, second edition, 1994.

[27] Peter W. O'Hearn and Robert D. Tennent, editors. *ALGOL-like Languages*. Birkhäuser, Boston, Massachusetts, 1997. Two volumes.

[28] Lawrence C. Paulson. *ML for the Working Programmer*. Cambridge University Press, Cambridge, England, second edition, 1996.

[29] Benjamin C. Pierce. *Types and Programming Languages*. MIT Press, Cambridge, Massachusetts, 2002.

[30] John C. Reynolds. *The Craft of Programming*. Prentice-Hall International, London, 1981.

[31] John C. Reynolds. *Theories of Programming Languages*. Cambridge University Press, Cambridge, England, 1998.

[32] David A. Schmidt. *Denotational Semantics*. Allyn and Bacon, Boston, Massachusetts, 1986.

[33] Ravi Sethi. *Programming Languages*. Addison-Wesley, Reading, Massachusetts, second edition, 1996.

[34] Joseph E. Stoy. *Denotational Semantics: The Scott-Strachey Approach to Programming Language Theory*. MIT Press, Cambridge, Massachusetts, 1977.

[35] Robert D. Tennent. *Semantics of Programming Languages*. Prentice-Hall, New York, 1991.

[36] Glynn Winskel. *The Formal Semantics of Programming Languages*. MIT Press, Cambridge, Massachusetts, 1993.