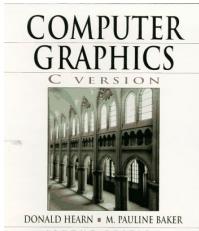


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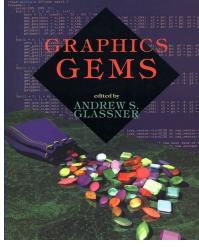
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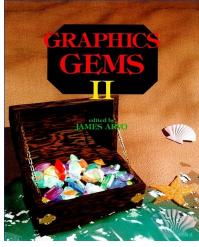
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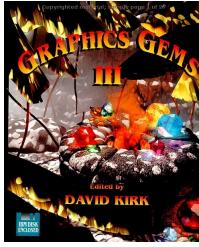
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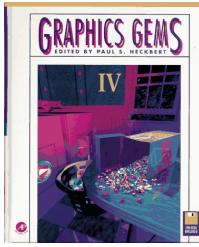
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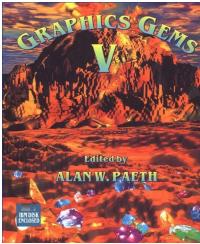
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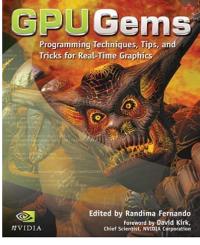
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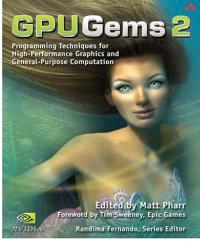
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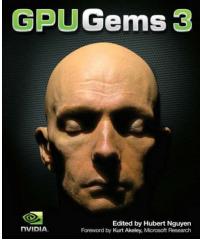
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GPU Gems
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 edited by Randima Fernando
 Addison-Wesley Professional; Book & CD-Rom edition (March 22, 2004)
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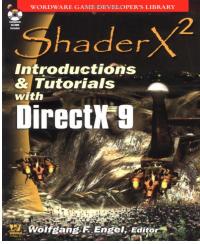
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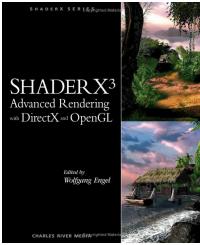
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 Wordware Publishing; Bk&CD-Rom edition (June 30, 2002)
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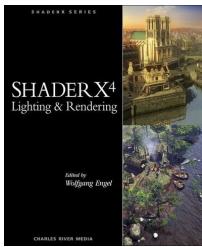
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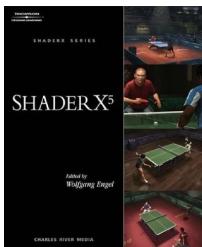
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 Wolfgang Engel
 Wordware Publishing, Inc.; Bk&CD-Rom edition (October 25, 2003)
 ISBN: 1556229887



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 Wolfgang Engel
 Charles River Media; 1 edition (November 2004)
 ISBN: 1584503572

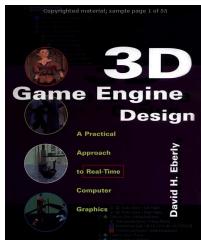


ShaderX4: Advanced Rendering Techniques
Wolfgang Engel
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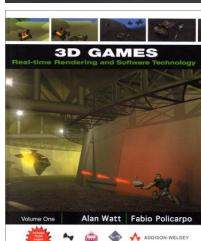
Game Programming



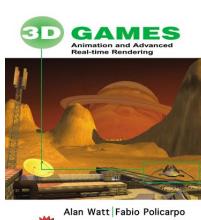
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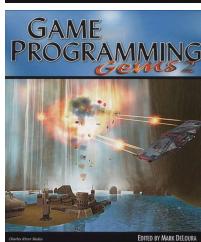
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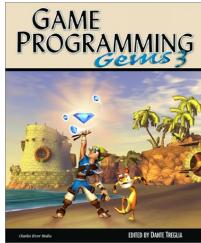
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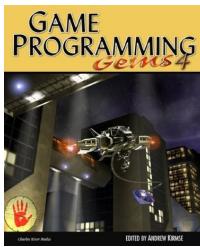
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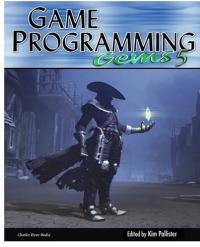
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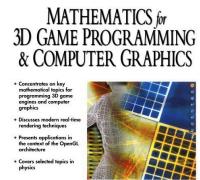
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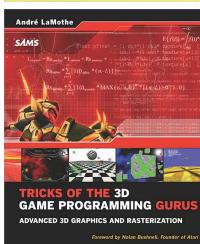
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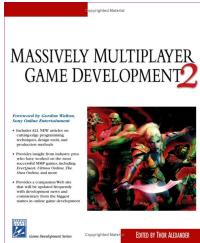


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Sams; Book and CD-ROM edition (June 2, 2003)
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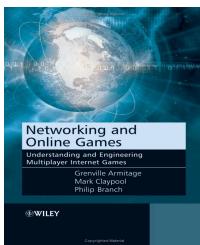
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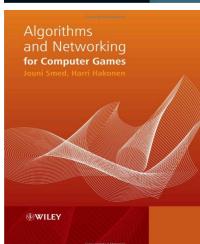
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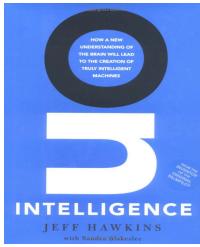


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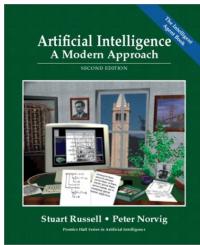


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 John Wiley & Sons (July 11, 2006)
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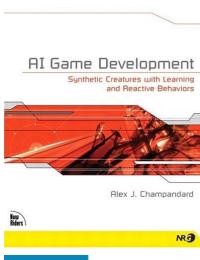
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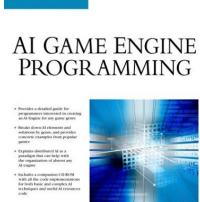
On Intelligence
Jeff Hawkins
Times Books (October 3, 2004)
ISBN: 0805074562



Artificial Intelligence, A Modern Approach (2nd Edition)
Stuart Russel, Peter Norvig
Prentice Hall, 2nd edition (December 20, 2002)
ISBN: 0137903952



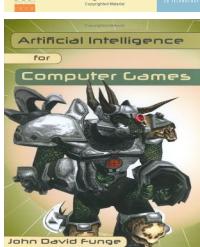
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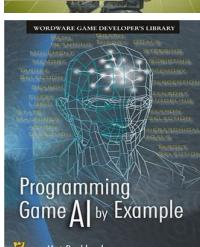
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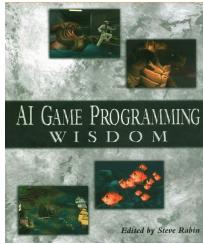
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Morgan Kaufmann, Bk & DVD edition (June 21, 2006)
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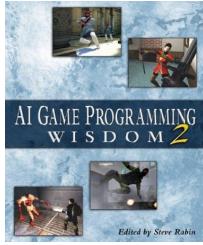
Artificial Intelligence For Computer Games: An Introduction
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Peters Corp. (July 29, 2004)
ISBN: 1568812086



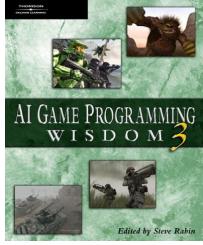
Programming Game AI by Example
Mat Buckland
Wordware Publishing, Inc. (November 2004)
ISBN: 1556220782



AI Game Programming Wisdom
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Charles River Media
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Edited by Steve Rabin
Charles River Media
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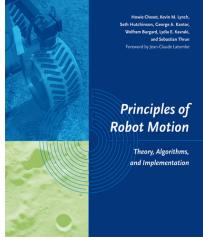
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ISBN: 1584505230



Game AI Pro: Collected Wisdom of Game AI Professionals
Edited by Steve Rabin
A K Peters/CRC Press; 1 edition (September 11, 2013)
ISBN: 1466565969



Principles of Robot Motion
H. Choset and all
Englewood Cliffs and New Jersey: MIT Press, 2005
ISBN: 0262033275

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Roy Featherstone



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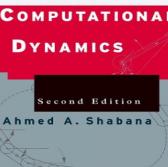
Roy Featherstone

The Kluwer International Series in Engineering and Computer Science Kluwer Academic Series, June 1987

ISBN: 0898382300

Kluwer Academic Publishers

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RONEN BARZEL
FOREWORD BY AL BARR

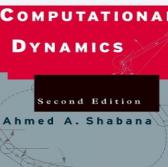


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Ronen Barzel, Foreword by Alan H. Barr

October 1992

ISBN: 01207988008

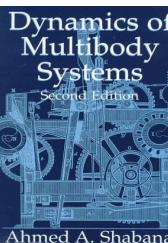


Computational Dynamics

Ahmed A. Shabana

Wiley-Interscience, 2nd edition, February 2001

ISBN: 0471371440

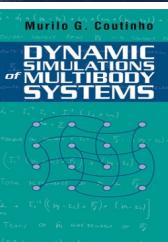


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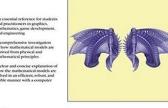
Dynamic Simulations of Multibody Systems

Murilo G. Coutinho

Springer Verlag, July 2001

ISBN: 038795192X

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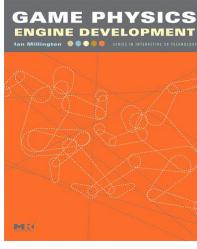


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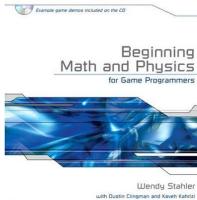
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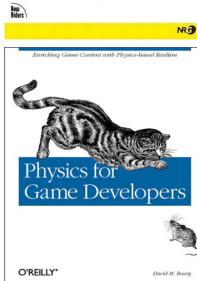
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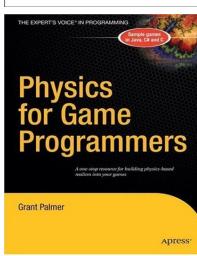
Game Physics Engine Development
Ian Millington
Morgan Kaufmann (March 5, 2007)
ISBN: 012369471X



Beginning Math and Physics for Game Programmers
Wendy Stahler
New Riders Games, Bk&CD-Rom edition (March 22, 2004)
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Physics for Game Developers
David M. Bourg
O'Reilly & Associates, November 2001
ISBN: 0596000065



Physics for Game Programmers
Grant Palmer
Apress; 1 edition (April 20, 2005)
ISBN: 159059472X

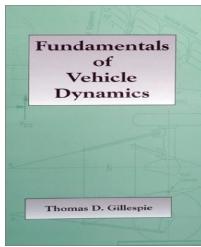


Collision Detection in Interactive 3D Environments
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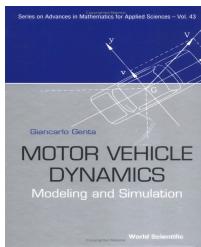


Real Time Collision Detection
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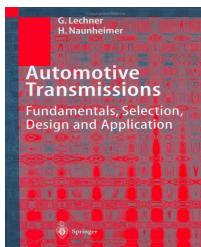
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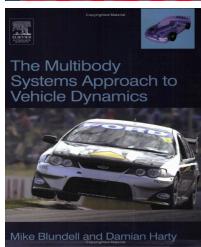
Fundamentals of Vehicle Dynamics
Thomas D. Gillespie
SAE International (March 1992)
ISBN: 1560911999



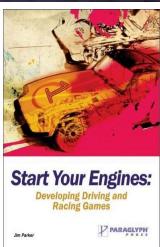
Motor Vehicle Dynamics - Modeling and Simulation
Giancarlo Genta
World Scientific Publishing Company (March 1997)
ISBN: 9810229119



Automotive Transmissions - Fundamentals, Selection, Design and Application
Gisbert Lechner, Harald Naunheimer, J. Ryborz
Springer; 1 edition (November 15, 1999)
ISBN: 354065903X

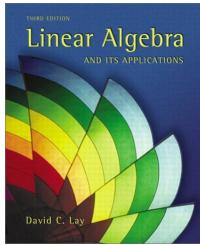


The Multibody Systems Approach to Vehicle Dynamics
Michael Blundell, Damian Harty
Butterworth-Heinemann (July 14, 2004)
ISBN: 0750651121



Start Your Engines: Developing Driving and Racing Games
Jim Parker
Paraglyph Press; 1 edition (July 1, 2005)
ISBN: 1933097019

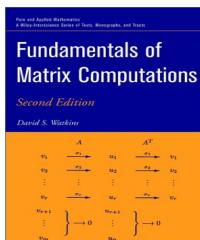
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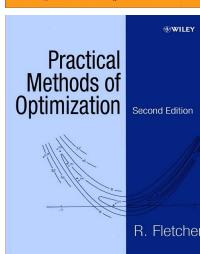
Linear Algebra and its Applications
David C. Lay
Addison Wesley; 3 edition (July 18, 2002)
ISBN: 0201709708



Matrix Computations
by Gene H. Golub, Charles F. Van Loan
Johns Hopkins University Press; 3rd edition (November 1996)
ISBN: 0801854148



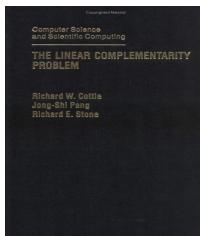
Fundamentals of Matrix Computations
by David S. Watkins
John Wiley & Sons; 2nd edition (May 15, 2002)
ISBN: 0471213942



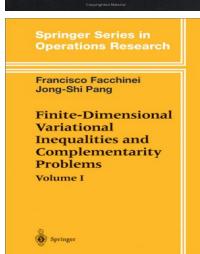
Practical Methods of Optimization
R. Fletcher
John Wiley & Sons, 2nd edition, May 2000
ISBN: 0471494631



Linear Complementarity, Linear and Nonlinear Programming
Katta G. Murty
Heldermann Verlag, 1988
web: http://ioe.engin.umich.edu/books/murty/linear_complementarity_webbook/



The Linear Complementarity Problem
Richard W. Cottle, Jong-Shi Pang, Richard E. Stone
Academic Press, February, 1992
ISBN: 0121923509

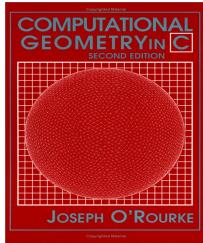


Finite-Dimensional Variational Inequalities and Complementarity Problems, Volume I
Francisco Facchinei, Jong-Shi Pang
Springer Verlag; (February 6, 2003)
ISBN: 0387955801

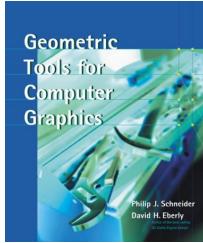
Geometry



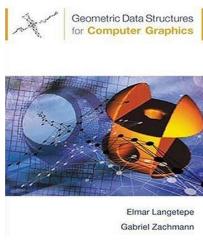
Computational Geometry: Algorithms and Applications
Mark de Berg, M. van Krefeld, M. Overmars, O. Schwarzkopf
Springer; 2 edition (February 18, 2000)
ISBN: 3540656200



Computational Geometry in C
Joseph O'Rourke
Cambridge University Press; 2000 edition (February 15, 2001)
ISBN: 0521649765

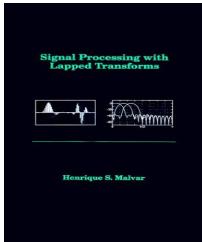


Geometric Tools for Computer Graphics
Philip J. Schneider, David H. Eberly
Morgan Kaufmann Publishers; (September 2002)
ISBN: 1558605940



Geometric Data Structures for Computer Graphics
Elmar Langetepe, Gabriel Zachmann
A K Peters Ltd (February 1, 2006)
ISBN: 1568812353

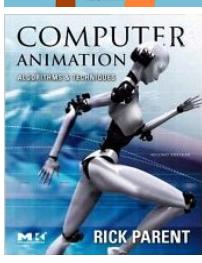
Misc



Signal Processing With Lapped Transforms
Henrique S. Malvar
Artech House Publishers (January 1992)
ISBN: 0890064679

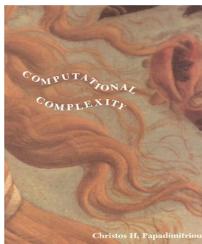


Visualizing Quaternions
Andrew J. Hanson
Morgan Kaufmann (January 31, 2006)
ISBN: 0120884003

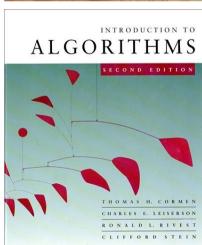


Computer Animation, Second Edition: Algorithms and Techniques
Rick Parent
Morgan Kaufmann; 2 edition (October 1, 2007)
ISBN: 0125320000

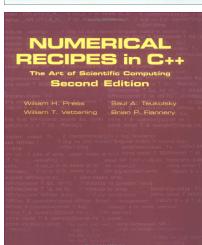
General Programming



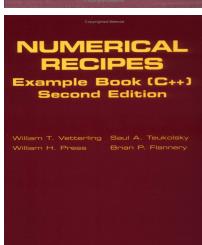
Computational Complexity
Christos H. Papadimitriou
Addison Wesley, Reprinted with corrections August 1995
ISBN: 0201530821



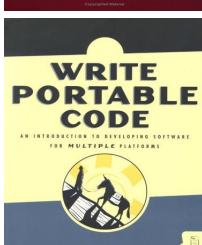
Introduction To Algorithms
Thomas H. Cormen, Charles E Leiserson, Ronald L. Rivest, Clifford Stein
The MIT Press; 2nd edition (September 1, 2001)
ISBN: 0262032937



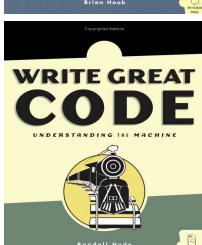
Numerical Recipes in C++
William H. Press, Saul A. Teukolsky, William T. Vetterling, Brian P. Flannery
Cambridge University Press; 2 edition (February, 2002)
ISBN: 0521750334



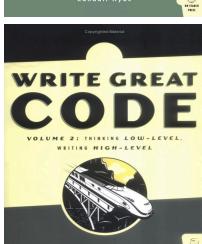
Numerical Recipes Example Book (C++)
William T. Vetterling, William H. Press, Saul A. Teukolsky, Brian P. Flannery
Cambridge University Press; 2 edition (March 1, 2003)
ISBN: 0521750342



Write Portable Code
Brian Hook
No Starch Press; 1 edition (July 15, 2005)
ISBN: 1593270569

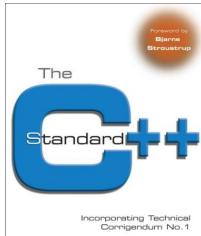


Write Great Code: Volume 1: Understanding the Machine
Randall Hyde
No Starch Press; 1 edition (October 25, 2004)
ISBN: 1593270038

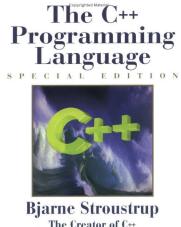


Write Great Code: Volume 2: Thinking Low-Level, Writing High-Level
Randall Hyde
No Starch Press; 1 edition (March 18, 2006)
ISBN: 1593270658

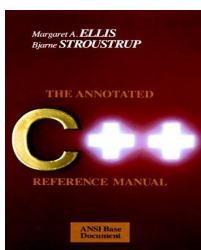
C++ Language



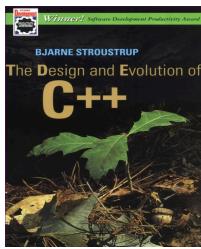
The C++ Standard : Incorporating Technical Corrigendum No. 1 (Hardcover)
 Bjarne Stroustrup
 John Wiley & Sons; 2nd edition (December 5, 2003)
 ISBN: 0470846747



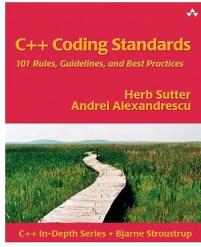
The C++ Programming Language (Special Edition)
 Bjarne Stroustrup
 Addison-Wesley Professional; 3 edition (February 15, 2000)
 ISBN: 0201700735



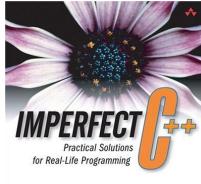
The Annotated C++ Reference Manual
 Margaret A. Ellis, Bjarne Stroustrup
 Addison-Wesley Professional (January 1, 1990)
 ISBN: 0201514591



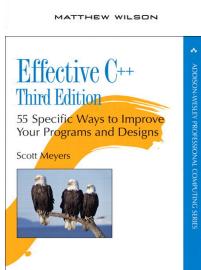
The Design and Evolution of C++
 Bjarne Stroustrup
 Addison-Wesley Professional; 1st edition (March 29, 1994)
 ISBN: 0201543303



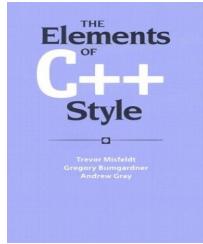
C++ Coding Standards
 Herb Sutter and Andrei Alexandrescu
 Addison-Wesley Professional (October 25, 2004)
 ISBN: 0321113586



Imperfect C++
 Matthew Wilson
 Addison-Wesley, 2004
 ISBN: 0321228774



Effective C++ (third edition)
 Scott Meyers
 Addison-Wesley Professional; 3 edition (May 12, 2005)
 ISBN: 0321334876



The Elements of C++ Style
Trevor Misfeldt, Gregory Bumgardner and Andrew Gray
Cambridge University Press; 1st edition (July 15, 2002)
ISBN: 0521893089