

- MPI2 *MPI-2: Extensions of the Message-Passing Interface*.
 Matlab *Matlab*, 1993.
- MPI1 *MPI: A Message-Passing Interface Standard, V 1.1*, 1995.
- ScaMPI *ScaMPI User's Guide V 1.3.0*, 1997.
- Abde93 R. Abdelhamid. *Das Vieweg L^AT_EX-Buch, Eine Praxisorientierte Einführung*. Vieweg, 1993.
- AbGu04 D. Abrahams and A. Gurtovoy. *C++ Template Metaprogramming, Concepts, Tools, and Techniques from Boost and Beyond*. Addison-Wesley, 2004.
- AhU178 A. V. Aho and J. D. Ullman. *Principles of Compiler Design*. Addison Wesley, 1978.
- AhU188 A. V. Aho and J. D. Ullman. *Kompilerverbau, Teil 1*. Addison Wesley, 1988.
- Alex01 A. Alexandrescu. *Modern C++ Design: Generic Programming and Design Patterns Applied*. Addison Wesley, Reading, Massachusetts, 2001.
- Aman97 S. Amann. *Komponentenorientierte Entwicklung von Grafikapplikationen mit BOOGA*. PhD thesis, Institute of Computer Science and Applied Mathematics, University of Berne, 1997.
- Apos67 T. Apostol. *Calculus, Vol. I*. Wiley, 1967.
- Apos69 T. Apostol. *Calculus, Vol. II*. Wiley, 1969.
- Baeh91 H. Bähring. *Mikrorechner-Systeme, Mikroprozessoren, Speicher, Pheripherie*. Springer, 1991.
- Barn83 J. G. P. Barnes. *Programmieren in ADA*. Hanser, 1983.
- Bart86 H.-J. Bartsch. *Mathematische Formeln*. VEB Fachbuchverlag Leipzig, 1986.
- BaWi76 K.-J. Bathe and E. L. Wilson. *Numerical Methods in Finite Element Analysis*. Prentice Hall, 1976.
- Baum85 R. Baumann. *Programmieren mit PASCAL*. CHIP Wissen, 1985.
- Blik03 R. Blikberg. *Nested Parallelism in OpenMP with Application to Adaptive Mesh Refinement*. PhD thesis, University of Bergen, 2003.
- BoDi86 W. Boyce and R. DiPrima. *Elementary Differential Equations and Boundary Value Problems*. Wiley, 4 edition, 1986.
- BrBB01 A. Brandt, J. Bernholc, and K. Binder, editors. *Multiscale Computational Methods in Chemistry and Physics*. IOS Press, 2001.
- BrSc94 S. C. Brenner and L. R. Scott. *The Mathematical Theory of Finite Elements Methods*. Springer, 1994.
- BMC98 W. J. Brown, R. Malveau, H. McCormick III, and T. Mowbray. *Anti Patterns: Refactoring Software, Architectures, and Projects in Crisis*. Wiley, 1998.
- Bueh98 B. Bühlmann. *Extensions and Applications of the Graphics Framework BOOGA*. PhD thesis, University of Bern Switzerland, 1998.
- Camp84 J. Campbell. *V24/RS-232 Kommunikation*. SYBEX, 1984.
- Carm76 M. P. Carmo. *Differentialgeometrie von Kurven und Flächen*. Vieweg, 1993.
- CzEi00 K. Czarnecki and U. W. Eisenecker. *Generative Programming - Methods, Tools, and Application*. Addison Wesley, 2000.
- DeDN03 S. Demeyer, S. Ducasse, and O. Nierstrasz. *Object-Oriented Reengineering Patterns*. Morgan Kaufman, 2003.
- Dewh03 S. Dewhurst. *C++ Gotchas: Avoiding Common Problems in Coding and Design*. Addison Wesley, 2003.
- GrLT99 W. G. E., Lusk, and R. Thakur. *Using MPI-2: Advanced Features of the Message-Passing Interface*. MIT Press, 1999.
- Effo00 N. Eford. *Digital Image Processing: A practical introduction using Java*. Addison Wesley, 2000.
- Ekar99 W. Ekardt, editor. *Metal Clusters*. Wiley, 1999.
- FiSa83 G. Fischer and R. Sacher. *Einführung in die Algebra*. Teubner, 1983.
- Fogi86 M. Fogiel. *The Computer Science Problem Solver*. Staff of Research and Education Association, 2 edition, 1986.
- FDFH93 J. Foley, A. van Dam, S. Feiner, J. Hughes, and R. Phillips. *Introduction to Computer Graphics*. Addison Wesley, 1993.
- Fowl99 M. Fowler. *Refactoring: Improving the Design of Existing Code*. Addison Wesley, 1999.

- Fowl03 M. Fowler. *Patterns of Enterprise Application Architecture*. Addison Wesley, 2003.
- Fowl04 M. Fowler. *UML Distilled, Third Edition*. Addison Wesley, 2004.
- FrVi94 T. Frach and G. Viehöver. *PowerPVM for PARIX 1.2-PPC*, 1994.
- GHJV95 E. Gamma, R. Helm, R. Johnson, and J. Vlissides. *Design Patterns. Elements of Reusable Object-Oriented Software*. Addison Wesley, Reading, Massachusetts, 1995.
- Gian89 D. C. Giancoli. *Physics for Scientists and Engineers*. Prentice Hall, 1989.
- GoMS93 M. Goossens, F. Mittelbach, and A. Samarin. *The L^AT_EX Companion*. Addison Wesley, 1993.
- Grim02 R. Grimes. *Developing Applications with Visual Studio .NET*. Addison Wesley, 2002.
- GrLS94 W. Gropp, E. Lusk, and A. Skjellum. *Using MPI - Portable Parallel Programming with the Message-Passing Interface*. MIT Press, 1994.
- Grot00 J. Grotendorst, editor. *Modern Methods and Algorithms of Quantum Chemistry*. NIC-Directors, 2000.
- Habe03 P. Habegger. *Evaluating Internet Topologies: An Assessment and a Framework*. PhD thesis, Institute of Computer Science and Applied Mathematics, University of Berne, 2003.
- HeRe99 H. Hellwagner and A. Reinefeld, editors. *SCI: Scalable Coherent Interface*. Springer, 1999.
- Heus91 H. Heuser. *Lehrbuch der Analysis, Teil 1*. Teubner, 1991.
- Heus91b H. Heuser. *Lehrbuch der Analysis, Teil 2*. Teubner, 1991.
- Horn00 L. Hornekær. *Single- and Multi-Species Coulomb Ion Crystals: Structures, Dynamics and Sympathetic Cooling*. PhD thesis, University of Aarhus, Denmark, Nov. 2000.
- Hump00 W. Humphery. *Introduction to the Team Software Process*. Addison Wesley, 2000.
- HuTh99 A. Hunt and D. Thomas. *The Pragmatic Programmer*. Addison Wesley, 1999.
- Jacq88 K. Jacquemain. *Effiziente Datenstrukturen und Algorithmen für mehrdimensionale Suchprobleme*. Hüthig, 1988.
- Jaja92 J. JáJá. *An Introduction to Parallel Algorithms*. Addison Wesley, 1992.
- Jaen92 K. Jänich. *Vektoranalysis*. Springer, 1991.
- Jaen93 K. Jänich. *Funktionentheorie, Eine Einführung*. Springer, 1993.
- Josu99 N. Josuttis. *The C++ Standard Library: A tutorial and Reference*. Addison Wesley, 1999.
- Kale99 D. Kalev. *The ANSI/ISO C++ Professional Programmer's Handbook*. QUE, 1999.
- Keri04 J. Kerievsky. *Refactoring to Patterns*. Addison Wesley, 2004.
- KoMo00 A. Koenig and B. Moo. *Accelerated C++: Practical Programming by Examples*. Addison Wesley, 2000.
- Kowa93 W. Kowalsky. *Dielektrische Werkstoffe der Elektronik und Photonik*. Teubner, 1993.
- Ladd96 S. Ladd. *C++: Templates and Tools*. M&T Books, 1996.
- LBCW99 C.-H. Lai, P. Bjørstad, M. Cross, and O. B. Widlund, editors. *Domain Decomposition Methods in Sciences and Engineering*, London, UK, 1999.
- Libe95 D. Libes. *Exploring Expect*. O'Reilly, 1995.
- LiWa01 S. Lidie and N. Walsh. *Masterin Perl/Tk*. O'Reilly, 2001.
- Lipp94 S. B. Lippman. *C++ Einführung und Leitfaden*. Addison Wesley, 1994.
- Lipp00 S. B. Lippman. *Essential C++*. Addison Wesley, 2000.
- Luen89 D. G. Luenberger. *Linear and Nonlinear Programming*. Addison Wesley, 1989.
- Mart02 R. C. Martin. *Agile Software Development: Principles, Patterns, and Practices*. Prentice-Hall, 2002.
- Matt96 T. Matthey. *Computer-animation für BOOGA*. University of Bern Switzerland, 1996.
- Matt97 T. Matthey. *Objektorientierte Gebäudemodellierung*. Master's thesis, University of Bern Switzerland, 1997.
- Matt02 T. Matthey. *Framework Design, Parallelization and Force Computation in Molecular Dynamics*. PhD thesis, University of Bergen, Bergen, Norway, 2002.
- BuMa99 D. B. D. Mayhew. *Efficient C++: Performance Programming Techniques*. Addison Wesley, 1999.
- Meye98 S. Meyers. *Effektiv C++ programmieren*. Addison Wesley, 1998.

- Meye01 S. Meyers. *Effective STL, 50 Specific Ways to Improve Your Use of the Standard Template Library*. Addison-Wesley, 2001.
- Moto83 Motorola, editor. *16-bit Microprocessors Data Manual*. Motorola, 1983.
- MyDe87 T. Myint-U and L. Debnath. *Partial Differential Equations for Scientists and Engineers*. Prentice Hall, 3 edition, 1987.
- Nye90 A. Nye, editor. *Xlib Reference Manual for Version 11*. O'Reilly, 6 edition, 1990.
- ObVo90 W. Oberschelp and G. Vossen. *Rechneraufbau und Rechnerstrukturen*. Oldenbourg, 4 edition, 1990.
- Powe81 M. J. D. Powell. *Approximation Theory and Methods*. Cambridge Press, 1981.
- Prze68 J. Przemieniecki. *Theory of Matrix Structural Analysis*. McGraw-Hill, 1968.
- Rapa95 D. C. Rapaport. *The Art of Molecular Dynamics Simulation*. Cambridge Press, 1995.
- ReSo74b F. Reinhardt and H. Soeder. *dtv-Atlas zur Mathematik, Analysis und angewandte Mathematik, Band 2*. dtv, 1991.
- ReSo74 F. Reinhardt and H. Soeder. *dtv-Atlas zur Mathematik, Grundlagen Algebra und Geometrie, Band 1*. dtv, 1991.
- RoMu03 P. Romanik and A. Muntz. *Applied C++: Practical Techniques for Building Better Software*. Addison Wesley, 2003.
- Salo90 A. Salomaa. *Public-Key Cryptography*. Springer, 1990.
- Schi98 M. Schilli. *GoTo Perl5*. Addison Wesley, 1998.
- SiGa94 A. Silberschatz and P. B. Galvin. *Operating Systems Concepts*. Addison Wesley, 1994.
- SiFe83 P. P. Silvester and R. L. Ferrari. *Finite Elements for Electrical Engineers*. Cambridge University Press, 1983.
- SABD03a P. M. A. Sloot, D. Abramson, A. V. Bogdanov, J. J. Dongarra, A. Y. Zomaya, and Y. E. Gorbachev, editors. *Computational Science - ICCS 2003*, volume 1 of *Lecture Notes in Computational Science and Engineering*. Springer-Verlag, jun 2003.
- SABD03b P. M. A. Sloot, D. Abramson, A. V. Bogdanov, J. J. Dongarra, A. Y. Zomaya, and Y. E. Gorbachev, editors. *Computational Science - ICCS 2003*, volume 2 of *Lecture Notes in Computational Science and Engineering*. Springer-Verlag, jun 2003.
- SABD03c P. M. A. Sloot, D. Abramson, A. V. Bogdanov, J. J. Dongarra, A. Y. Zomaya, and Y. E. Gorbachev, editors. *Computational Science - ICCS 2003*, volume 3 of *Lecture Notes in Computational Science and Engineering*. Springer-Verlag, jun 2003.
- SABD03d P. M. A. Sloot, D. Abramson, A. V. Bogdanov, J. J. Dongarra, A. Y. Zomaya, and Y. E. Gorbachev, editors. *Computational Science - ICCS 2003*, volume 4 of *Lecture Notes in Computational Science and Engineering*. Springer-Verlag, jun 2003.
- SMMG00 T. Sørøvik, F. Manne, R. Moe, and A. H. Gebremedhin, editors. *Applied Parallel Computing*, volume 1947 of *In Lecture Notes in Computer Science*, Bergen, Norway, June 2000. Springer.
- Stam88 U. Stambach. *Lineare Algebra*. Teubner, 1988.
- Stre97 C. Streit. *BOOGA Ein Komponentenframework für Grafikanwendungen*. PhD thesis, University of Bern Switzerland, 1997.
- StUh96 S. Strobel and T. Uhl. *LINUX: Unleashing the Workstation in Your PC*. 1996, Springer.
- Sutt00 H. Sutter. *Exceptional C++: 47 Engineering Puzzles, Programming Problems, and Solutions*. Addison-Wesley, 2000.
- Sutt02 H. Sutter. *More Exceptional C++: 40 New Engineering Puzzles, Programming Problems, and Solutions*. Addison-Wesley, 2000.
- Sutt05 H. Sutter. *Exceptional C++ Style: 40 new Engineering Puzzles, Programming Problems, and Solutions*. Addison Wesley, 2005.
- SuAl04 H. Sutter and A. Alexandrescu. *C++ Coding Standards: 101 Rules, Guidelines, and Best Practices*. Addison-Wesley, 2004.
- Form84 D. und DPK. *Formel und Tafeln*. Orell Füssli, 1984.
- VaJo03 D. Vandevoorde and N. M. Josuttis. *C++ Templates, The complete Guide*. Addison-Wesley, 2003.

- Walt92 W. Walter. *Analysis 2*. Springer, 1992.
- Welc95 B. Welch. *Practical Programming in Tcl and Tk*. Prentice-Hall, 1995.
- Wils04 M. Wilson. *Imperfect C++, Practical Solutions for Real-Life Programming*. Addison-Wesley, 2004.
- WiRo00 R. Winder and G. Roberts. *Developing Java Software*. WILEY, second edition, 2000.
- WoPa98 F.-E. Wolter and N. M. Patrikalakis, editors. *Computer Graphics International*, Hannover, Germany, June 1998. Computer Society, IEEE.
- Zach00 I. Zacharov. Origin optimisation and parallelisation training, 2000.