

Ulrich W. Kulisch

Books

- *Computer Arithmetic and Validity — Theory, Implementation, and Applications*. De Gruyter, 2008, second edition 2013.
- *Advanced Arithmetic for the Digital Computer - Design of Arithmetic Units*. Springer-Verlag, 2002.
- *C++ Toolbox for Verified Computing*. Springer-Verlag, 1995, with R. Hammer, M. Hocks, D. Ratz.
- *Numerical Toolbox for Verified Computing - Basic Numerical Problems. Theory, Algorithms, and Pascal-XSC Programs*. Springer-Verlag, 1993, with R. Hammer, M. Hocks, D. Ratz. Russian translation, MIR publisher, Moscow, 2005.
- *C-XSC, A C++ Class Library for Extended Scientific Computing*. Springer-Verlag, 1993, with R. Klatte, Ch. Lawo, M. Rauch, A. Wiethoff.
- *PASCAL-XSC - Language Reference with Examples*. Springer-Verlag, 1992, with R. Klatte, M. Neaga, D. Ratz, Ch. Ullrich. Russian translation, MIR publisher, Moscow, 1997, third edition 2006.
- *PASCAL-XSC, Sprachbeschreibung mit Beispielen*. Springer-Verlag, 1991, with R. Klatte, M. Neaga, D. Ratz, Ch. Ullrich.
- *Computer Arithmetic in Theory and Practice*. IBM Research Center Report, RC 7776, 1979, Academic Press, 1981, with W. L. Miranker.
- *Grundlagen des Numerischen Rechnens - Mathematische Begründung der Rechnerarithmetik*. Bibliographisches Institut Mannheim/Wien/Zürich, 1976.
- *Analogrechnen, Eine Einführung*. Bibliographisches Institut Mannheim/Wien/Zürich, 1969, with J. Heinhold.