

EXTRACT FROM OP-SF NET

Topic #5 ----- OP-SF NET 20.6 ----- November 15, 2013

From : OP-SF NET Editors
Subject: Gautschi Selected Works

The following volumes have been published:

Walter Gautschi, Selected Works with Commentaries, Volumes 1,2,3
C. Brezinski and A. Sameh (Eds.)
Series: Contemporary Mathematicians
Birkhäuser, Basel, 2014

<http://www.springer.com/birkhauser/mathematics/book/978-1-4614-7033-5>

<http://www.springer.com/birkhauser/mathematics/book/978-1-4614-7048-9>

<http://www.springer.com/birkhauser/mathematics/book/978-1-4614-7131-8>

The volumes include:

Biography of Walter Gautschi - by the editors
A brief summary of my scientific work and highlights of my career -
by Walter Gautschi
Numerical conditioning - by Nicholas J. Higham
Special Functions – by Javier Segura
Interpolation and approximation - by Miodrag M. Spalević
Orthogonal polynomials on the real line - by Gradimir V. Milovanović
Polynomials orthogonal on the semicircle - by Lothar Reichel
Chebyshev quadrature – by Jaap Korevaar
Kronrod and other quadratures – by Giovanni Monegato
Gauss–type quadrature – by Walter Van Assche
Linear recurrence relations – by Lisa Lorentzen
Ordinary differential equations - by John Butcher
Computer algorithms and software packages – by Gradimir V. Milovanović
History and biography – by Gerhard Wanner
Miscellanea – by Martin J. Gander