ISSN 1068-9613
Published by Kent State University

ETNA

Electronic Transactions on Numerical Analysis

Volume 16 (2003)

http://etna.math.kent.edu

Editors-in-chief

Lothar Reichel
Kent State University

Richard S. Varga
Kent State University

Managing Editors

Daniele Bertaccini
Università di Roma "La Sapienza"

Amos J. Carpenter
Butler University

Editorial Board

Gregory S. Ammar
Northern Illinois University

Volodymyr V. Andriyevskyy
Kent State University

Michele Benzi
Emory University

Albrecht Böttcher
Technische Universität Chemnitz

Peter Borwein
Simon Fraser University

Susanne C. Brenner
University of South Carolina

Claude Brezinski
Université des Sciences et Technologies de Lille

Daniela Calvetti
Case Western Reserve University

Tony F. Chan
University of California, Los Angeles

James W. Demmel
University of California, Berkeley

Jack J. Dongarra
University of Tennessee

Vladimir L. Druskin
Schlumberger-Doll Research

Iain S. Duff
Rutherford Appleton Laboratory

Sven Ehrich
Technische Universität München

Michael Eiermann
Technische Universität Bergakademie Freiberg

Roland W. Freund
Bell Laboratories, Lucent Technologies

Andreas Frommer
Bergische Universität Wuppertal

Gene H. Golub
Stanford University

William B. Gragg
Naval Postgraduate School

Martin H. Gutknecht
Eidgenössische Technische Hochschule Zürich

Christopher R. Johnson
University of Utah

Yuri A. Kuznetsov
University of Houston

Richard B. Lehoucq
Sandia National Laboratories

Doron S. Lubinsky
Georgia Institute of Technology

Thomas A. Manteuffel
University of Colorado

Francisco Marcellán
Universidad Carlos III de Madrid

Volker Mehrmann
Technische Universität Berlin

Reinhard Nabben
Universität Bielefeld

Andrew M. Odlyzko
University of Minnesota

Vadim Olshevsky
University of Connecticut

Robert J. Plemmons
Wake Forest University

Alex Pothen
Old Dominion University

Arden Ruttan
Kent State University

Yousef Saad
University of Minnesota

Danny C. Sorensen
Rice University

Frank Stenger
University of Utah

G. W. (Pete) Stewart
University of Maryland

Zdenek Strakos
Academy of Sciences of the Czech Republic

Daniel B. Szyld
Temple University

Paul M. Van Dooren
Université Catholique de Louvain

Olof B. Widlund
New York University