

# ETNA

## Electronic Transactions on Numerical Analysis\*

etna@mcs.kent.edu

L. Reichel  
Kent State University  
Editor-in-chief

R. S. Varga  
Kent State University  
Editor-in-chief

A. Ruttan  
Kent State University  
Managing Editor

### Editorial Board

G. S. Ammar  
Northern Illinois University

M. H. Gutknecht  
Swiss Federal Institute of Technology

C. Brezinski  
University of Lille

T. A. Manteuffel  
University of Colorado

J. W. Demmel  
University of California, Berkeley

V. Mehrmann  
Technical University of Chemnitz-Zwickau

J. J. Dongarra  
University of Tennessee

A. M. Odlyzko  
A T & T Bell Labs

I. S. Duff  
Rutherford Appleton Laboratory

R. J. Plemmons  
Wake Forest University

M. Eiermann  
University of Karlsruhe

D. C. Sorensen  
Rice University

R. W. Freund  
A T & T Bell Labs

G. W. Stewart  
University of Maryland

J. A. George  
University of Waterloo

O. B. Widlund  
New York University

G. H. Golub  
Stanford University

P. M. VanDooren  
University of Illinois

W. B. Gragg  
Naval Postgraduate School

\* Published quarterly, March, June, September, December, by Kent State University. For information on subscriptions or other matters contact etna@mcs.kent.edu (e-mail) or ETNA, Department of Mathematics and Computer Science, Kent State University, Kent, Ohio, 44242-0001, USA.