

APPLIED MATH TITLES

from **siam**

Introduction to the Numerical Analysis of Incompressible Viscous Flows

New!

William Layton

2008 · xx + 213 pages · Softcover
ISBN 978-0-898716-57-3 · List Price \$67.00
SIAM Member Price \$46.90 · **CS06**

Discontinuous Galerkin Methods for Solving Elliptic and Parabolic Equations: Theory and Implementation

New!

Béatrice Rivière

2008 · xx + 190 pages · Softcover
ISBN 978-0-89871-56-6 · List Price \$55.00
SIAM Member Price \$38.50 · **FR35**

Lagrange Multiplier Approach to Variational Problems and Applications

New!

Kazufumi Ito and Karl Kunisch

2008 · xviii + 341 pages · Softcover
ISBN 978-0-898716-49-8 · List Price \$99.00
SIAM Member Price \$69.30 · **DC15**

Numerical Methods for Evolutionary Differential Equations

New!

Uri M. Ascher

2008 · xiv + 395 pages · Softcover
ISBN 978-0-898716-52-8 · List Price \$79.00
SIAM Member Price \$55.30 · **CS05**

Boundary Control of PDEs: A Course on Backstepping Designs

New!

Miroslav Krstic and Andrey Smyshlyaev

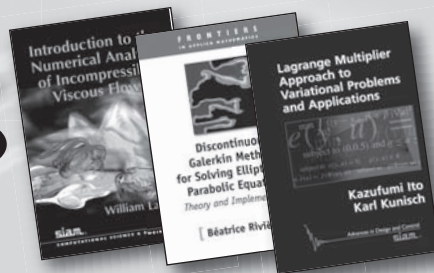
2008 · x + 192 pages · Hardcover
ISBN 978-0-89871-650-4 · List Price \$89.00
SIAM Member Price \$62.30 · **DC16**

Numerical Methods in Scientific Computing, Volume I

New!

Germund Dahlquist and Åke Björck

2008 · xxviii + 717 pages · Hardcover
ISBN 978-0-898716-44-3 · List Price \$109.00
SIAM Member Price \$76.30 · **OT103**



A Unified Approach to Boundary Value Problems

New!

Athanassios S. Fokas

2008 · xvi + 336 pages · Softcover
ISBN 978-0-898716-51-1 · List Price \$75.00
SIAM Member Price \$52.50 · **CB78**

A First Course in Order Statistics

New!

Barry C. Arnold, N. Balakrishnan, and H. N. Nagaraja

2008 · xxvi + 279 pages · Softcover
ISBN 978-0-89871-648-1 · List Price \$73.00
SIAM Member Price \$51.10 · **CL54**

Functions of Matrices: Theory and Computation

Nicholas J. Higham

2008 · xx + 425 pages · Hardcover
ISBN 978-0-898716-46-7 · List Price \$59.00
SIAM Member Price \$41.30 · **OT104**

Linear Feedback Control: Analysis and Design with MATLAB

Dingyü Xue, YangQuan Chen, and Derek P. Atherton

2007 · xii + 356 pages · Softcover
ISBN 978-0-898716-38-2 · List Price \$99.00
SIAM Member Price \$69.30 · **DC14**

Linear Programming with MATLAB

Michael C. Ferris, Olvi L. Mangasarian, and Stephen J. Wright

2007 · xii + 266 pages · Softcover
ISBN 978-0-898716-43-6 · List Price \$45.00
SIAM Member Price \$31.50 · **MP07**

The Matrix Eigenvalue Problem: GR and Krylov Subspace Methods

David S. Watkins

2007 · x + 442 pages · Softcover
ISBN 978-0-898716-41-2 · List Price \$99.00
SIAM Member Price \$69.30 · **OT101**

To ORDER Please mention keycode "BKNO08" when you order.



Order online: www.siam.org/catalog • Use your credit card (AMEX, MasterCard, or VISA): Call SIAM Customer Service at +1-215-382-9800 worldwide or toll free at 800-447-SIAM in USA and Canada; Fax: +1-215-386-7999; E-mail: siambooks@siam.org • Send check or money order to: SIAM, Dept. BKNO08, 3600 Market Street, 6th Floor, Philadelphia, PA 19104-2688.

siam SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS