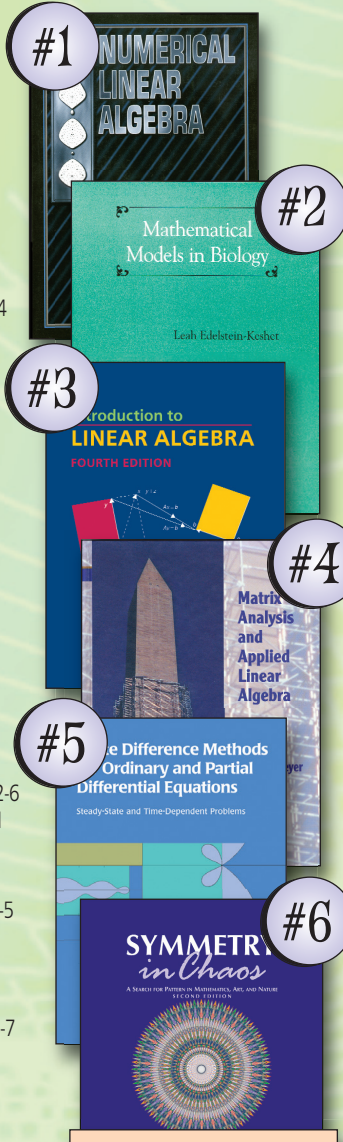


## Top Selling Titles from the Society for Industrial and Applied Mathematics\*

1. **Numerical Linear Algebra**  
Lloyd N. Trefethen and David Bau III  
1997 • xii + 361 • Softcover • 978-0-898713-61-9  
List \$61.00 • SIAM Member \$42.70 • Code OT50
2. **Mathematical Models in Biology**  
Leah Edelstein-Keshet  
2005 • xliii + 586 • Softcover • 978-0-898711-554-5  
List \$58.00 • SIAM Member \$40.60 • Code CL46
3. **Introduction to Linear Algebra, Fourth Edition**  
Gilbert Strang  
2009 • x + 574 pages • Hardcover • 978-0-980232-71-4  
List \$87.50 • SIAM Member \$61.25 • Code WC09  
(includes sales of both Third and Fourth editions)
4. **Matrix Analysis and Applied Linear Algebra**  
Carl D. Meyer  
2000 • xii + 718 • Hardcover • 978-0-898714-54-8  
List \$97.00 • SIAM Member \$67.90 • Code OT71  
(Includes CD-ROM & Solutions Manual)
5. **Finite Difference Methods for Ordinary and Partial Differential Equations: Steady-State and Time-Dependent Problems**  
Randall J. LeVeque  
2007 • xvi + 341 • Softcover • 978-0-898716-29-0  
List \$63.00 • SIAM Member \$44.10 • Code OT98
6. **Symmetry in Chaos: A Search for Pattern in Mathematics, Art, and Nature, Second Edition**  
Michael Field and Martin Golubitsky  
2009 • xiv + 199 pages • Hardcover • 978-0-898716-72-6  
List Price \$59.00 • SIAM Member Price \$41.30 • OT111
7. **Scientific Computing with Case Studies**  
Dianne P. O'Leary  
2008 • xvi + 383 pages • Softcover • 978-0-898716-66-5  
List \$92.00 • SIAM Member \$64.40 • Code OT109
8. **Functions of Matrices: Theory and Computation**  
Nicholas J. Higham  
2008 • xx + 425 pages • Hardcover • 978-0-898716-46-7  
List \$59.00 • SIAM Member \$41.30 • Code OT104
9. **MATLAB Guide, Second Edition**  
Desmond J. Higham and Nicholas J. Higham  
2005 • xxiv + 382 • Hardcover • 978-0-898715-78-1  
List \$50.00 • SIAM Member \$35.00 • Code OT92
10. **Numerical Methods in Scientific Computing, Volume I**  
Germund Dahlquist and Åke Björck  
2008 • xxviii + 717 pages • Hardcover • 978-0-898716-44-3  
List \$109.00 • SIAM Member \$76.30 • Code OT103
11. **Linear and Nonlinear Optimization, Second Edition**  
Igor Griva, Stephen G. Nash, and Ariela Sofer  
2008 • xxii + 742 pages • Hardcover • 978-0-898716-61-0  
List Price \$95.00 • SIAM Member Price \$66.50 • OT108
12. **Linear Programming with MATLAB**  
Michael C. Ferris, Olvi L. Mangasarian, and Stephen J. Wright  
2007 • xii + 266 pages • Softcover • 978-0-898716-43-6  
List \$45.00 • SIAM Member \$31.50 • Code MP07
13. **Numerical Computing with MATLAB**  
Cleve B. Moler  
2004 • xii + 336 • Softcover • 978-0-898716-60-3  
List \$49.50 • SIAM Member \$34.65 • Code OT87
14. **Computational Science and Engineering**  
Gilbert Strang  
2007 • xii + 713 pages • Hardcover • 978-0-961408-81-7  
List Price \$90.00 • SIAM Member Price \$63.00 • WC07
15. **Introduction to Derivative-Free Optimization**  
Andrew R. Conn, Katya Scheinberg, and Luis N. Vicente  
2009 • xii + 277 pages • Softcover • 978-0-898716-68-9  
List Price \$73.00 • SIAM Member Price \$51.10 • MP08
16. **Differential Dynamical Systems**  
James D. Meiss  
2007 • xxii + 412 pages • Softcover • 978-0-898716-35-1  
List \$79.00 • SIAM Member \$55.30 • Code MM14
17. **Handbook of Writing for the Mathematical Sciences, Second Edition**  
Nicholas J. Higham  
1998 • xvi + 302 • Softcover • 978-0-898714-20-3  
List \$56.00 • SIAM Member \$39.20 • Code OT63
18. **Hidden Markov Models and Dynamical Systems**  
Andrew M. Fraser  
2008 • xii + 132 pages • Softcover • 978-0-898716-65-8  
List Price \$55.00 • SIAM Member Price \$38.50 • OT107
19. **Iterative Methods for Sparse Linear Systems, Second Edition**  
Yousef Saad  
2003 • xviii + 528 • Softcover • 978-0-898715-34-7  
List \$107.00 • SIAM Member \$74.90 • Code OT82
20. **Learning L<sup>A</sup>T<sub>E</sub>X**  
David F. Griffiths and Desmond J. Higham  
1997 • x + 84 • Softcover • 978-0-898713-83-1  
List \$31.00 • SIAM Member \$21.70 • Code OT55
21. **Matrix Methods in Data Mining and Pattern Recognition**  
Lars Eldén  
2007 • x + 224 • Softcover • 978-0-898716-26-9  
List \$69.00 • SIAM Member \$48.30 • Code FA04
22. **Discontinuous Galerkin Methods for Solving Elliptic and Parabolic Equation: Theory and Implementation**  
Béatrice Rivière  
2008 • xxii + 190 pages • Softcover • 978-0-898716-56-6  
List \$55.00 • SIAM Member \$38.50 • Code FR35
23. **A Course in Mathematical Biology: Quantitative Modeling with Mathematical and Computational Methods**  
Gerda de Vries, Thomas Hillen, Mark Lewis, Johannes Müller, and Birgitt Schönfisch  
2006 • xii + 309 • Softcover • 978-0-898716-12-2  
List \$72.50 • SIAM Member \$50.75 • Code MM12
24. **Spectral Methods in MATLAB**  
Lloyd N. Trefethen  
2000 • xviii + 165 • Softcover • 978-0-898714-65-4  
List \$50.00 • SIAM Member \$35.00 • Code SE10
25. **A Unified Approach to Boundary Value Problems**  
Athanassios S. Fokas  
2008 • xvi + 336 pages • Softcover • 978-0-898716-51-1  
List Price \$75.00 • SIAM Member Price \$52.50 • CB78



For more information on selling SIAM books, contact Bruce Bailey at [bailey@siam.org](mailto:bailey@siam.org).  
To purchase SIAM books, contact SIAM Customer Service at SIAM, 3600 Market Street, 6th Floor, Philadelphia, PA 19104-2688 phone +1-215-382-9800 fax +1-215-386-7999 e-mail [siambooks@siam.org](mailto:siambooks@siam.org) Customers outside North America can order through Cambridge University Press at [www.cambridge.org/siam](http://www.cambridge.org/siam).  
For general information, go to [www.siam.org](http://www.siam.org).

\*SIAM's bestselling titles for the 12 months ended August 31, 2009. Sales are from all sources: online and direct sales from SIAM; sales by other online retailers; sales at conferences and meetings; and sales via SIAM's distribution partners.