

SOCIETY for INDUSTRIAL and APPLIED MATHEMATICS

PLACE YOUR ORDER TODAY!



WEB Use the online shopping cart on SIAM's website at www.siam.org/ catalog. Select "List Price" and enter Coupon Code "BKCT07" to receive the discounted conference price.



E-MAIL credit card orders to: siambooks@siam.org



FAX P.O.s and credit card orders to: 215-386-7999. Be sure to include a completed copy of this entire order form.



PHONE credit card orders only to: 800-447-SIAM (USA and Canada); 215-382-9800 (worldwide). Please fill out all sides of this form before calling to order.



MAIL order form with check, money order, or credit card information to: SIAM, Dept. BKCT07, 3600 University City Science Center, Philadelphia, PA USA 19104-2688.

ΓITLES on DISPLAY

30% DISCOUNT ON **DISPLAYED TITLES FOR CONFERENCE ATTENDEES**



♦ Hyatt Regency San Francisco Airport San Francisco, California June 29 - July 1, 2007

DISCOUNT PRICES EXPIRE AUGUST 1, 2007

Book Total	\$
Shipping & Handling (if any)	\$
Other Purchases (if any)	\$
(0/ 0-1 //	ф

6% Sales Tax (PA and IN residents only)

Total \$ Standard shipping & handling charges will

be waived for purchases made on site.

Standard Shipping & Handling Charges

Order Total	USA	Outside USA
up to \$49.99	.\$5.99	\$15.99
\$50-\$99.99	.\$6.99	\$22.99
\$100-\$149.99	.\$7.99	\$29.99
\$150-\$199.99	.\$8.99	\$36.99
\$200-\$249.99	.\$9.99	\$43.99
\$250-\$299.99	\$10.99	\$50.99
\$300-\$399.99	\$13.99	\$76.99
\$400 or more	\$17.99	\$90.99

ALL PRICES ARE IN US DOLLARS.

	your full name and address clearly)					
	ne					
			Country			
Phone	Fax	E-1	nail			
SIAM members: is this your pe	rmanent address? yes □ no □					
METHOD OF PAYI VISA	d		or Money Order in U.S. dollars (payable to SIAM) on date			
	_		ations A free sample issue of SIAM NEWS nembership, please visit our website: www.siam.org			
	Date:		# Books Ordered			

Quantity	Order Code	Author(s)	Title	List Price	Attendee Price
	FR30	Achdou & Pironneau	Computational Methods for Option Pricing	\$80.00	\$56.00
	CL45	Allgower & Georg	Introduction to Numerical Continuation Methods	\$66.50	\$46.55
	DC06	Antoulas	Approximation of Large-Scale Dynamical Systems	\$125.00	\$87.50
	MP06	Attouch et al	Variational Analysis in Sobolev and BV Spaces: Applications to PDEs and Optimization	\$140.00	\$98.00
	FR11	Banks	Control and Estimation in Distributed Parameter Systems	\$108.50	\$75.95
	FR28	Banks & Castillo-Chavez	Bioterrorism: Mathematical Modeling Applications in Homeland Security	\$89.50	\$62.65
	CL23	Başar & Olsder	Dynamic Noncooperative Game Theory, Second Edition	\$74.00	\$51.80
	FR34	Batzel et al	Cardiovascular and Respiratory Systems: Modeling, Analysis, and Control	\$106.00	\$74.20
	MP02	Ben-Tal & Nemirovski	Lectures on Modern Convex Optimization: Analysis, Algorithms, and Engineering Applications	\$121.50	\$85.05
	SE17	Berry & Browne	Understanding Search Engines: Mathematical Modeling and Text Retrieval, Second Edition	\$35.00	\$24.50
	DC03	Betts	Practical Methods for Optimal Control Using Nonlinear Programming	\$65.50	\$45.85
	CL53	Bhatia	Perturbation Bounds for Matrix Eigenvalues	\$49.00	\$34.30
	DC10	Bhaya & Kaszkurewicz	Control Perspectives on Numerical Algorithms and Matrix Problems	\$97.00	\$67.90
	OT51	Björck	Numerical Methods for Least Squares Problems	\$74.50	\$52.15
	OT86	Bornemann et al	The SIAM 100-Digit Challenge: A Study in High-Accuracy Numerical Computing	\$62.50	\$43.75
	ОТ96	Böttcher & Grudsky	Spectral Properties of Banded Toeplitz Matrices	\$95.00	\$66.50
	AM15	Boyd et al	Linear Matrix Inequalities in System and Control Theory	\$64.00	\$44.80
	OT90	Briggs	Ants, Bikes, and Clocks: Problem Solving for Undergraduates	\$46.00	\$32.20
	CL36	Brillinger	Time Series: Data Analysis and Theory	\$74.00	\$51.80
	CS02	Chen et al	Computational Methods for Multiphase Flows in Porous Media	\$125.00	\$87.50
	CB57	Clarke	Methods of Dynamic and Nonsmooth Optimization	\$38.50	\$26.95
	CL05	Clarke	Optimization and Nonsmooth Analysis	\$59.00	\$41.30
	CB61	Daubechies	Ten Lectures on Wavelets	\$73.50	\$51.45
	FA02	Davis	Direct Methods for Sparse Linear Systems	\$65.00	\$45.50
	MM12	de Vries et al	A Course in Mathematical Biology: Quantitative Modeling with Mathematical and Computational Methods	\$69.00	\$48.30
	DC04	Delfour & Zolésio	Shapes and Geometries: Analysis, Differential Calculus, and Optimization	\$109.50	\$76.65

(

Quantity	Order Code	Author(s)	Title	List Price	Attendee Price
	CL46	Edelstein-Keshet	Mathematical Models in Biology	\$54.50	\$38.15
	CL28	Ekeland & Témam	Convex Analysis and Variational Problems	\$63.50	\$44.45
	DC02	El Ghaoui & Niculescu	Advances in Linear Matrix Inequality Methods in Control	\$104.00	\$72.80
	FA04	Eldén	Matrix Methods in Data Mining and Pattern Recognition	\$69.00	\$48.30
	SE14	Ermentrout	Simulating, Analyzing, and Animating Dynamical Systems: A Guide to XPPAUT for Researchers and Students	\$72.50	\$50.75
	OT79	Gockenbach	Partial Differential Equations: Analytical and Numerical Methods	\$79.50	\$55.65
	OT97	Gockenbach	Understanding and Implementing the Finite Element Method	\$87.00	\$60.90
	FR19	Griewank	Evaluating Derivatives: Principles and Techniques of Algorithmic Differentiation	\$64.50	\$45.15
	OT55	Griffiths & Higham	Learning LATEX	\$29.00	\$20.30
	DC05	Gunzburger	Perspectives in Flow Control and Optimization	\$80.50	\$56.35
	FA03	Hansen et al	Deblurring Images: Matrices, Spectra, and Filtering	\$63.00	\$44.10
	DC07	Haslinger & Mäkinen	Introduction to Shape Optimization: Theory, Approximation, and Computation	\$87.50	\$61.25
	AM16	Hassibi et al	Indefinite-Quadratic Estimation and Control: A Unified Approach to H2 and H-Infinity Theories	\$116.50	\$81.55
	DC01	Helton & James	Extending H-Infinity Control to Nonlinear Systems: Control of Nonlinear Systems to Achieve Performance Objectives	\$87.00	\$60.90
	OT64	Helton & Merino	Classical Control Using H-Infinity Methods: An Introduction to Design	\$31.00	\$21.70
	OT65	Helton & Merino	Classical Control Using H-Infinity Methods: Theory, Optimization, and Design	\$67.50	\$47.25
	SE20	Heroux et al	Parallel Processing for Scientific Computing	\$90.00	\$63.00
	OT63	Higham	Handbook of Writing for the Mathematical Sciences, 2nd Edition	\$53.00	\$37.10
	OT80	Higham	Accuracy and Stability of Numerical Algorithms, Second Edition	\$74.00	\$51.80
	OT92	Higham & Higham	MATLAB Guide, Second Edition	\$47.00	\$32.90
	DC08	Huang	Nonlinear Output Regulation: Theory and Applications	\$83.50	\$58.45
	DC11	Ioannou & Fidan	Adaptive Control Tutorial	\$99.00	\$69.30
	FA01	Kelley	Solving Nonlinear Equations with Newton's Method	\$46.50	\$32.55
	FR16	Kelley	Iterative Methods for Linear and Nonlinear Equations	\$54.00	\$37.80
	FR18	Kelley	Iterative Methods for Optimization	\$57.50	\$40.25
	CL25	Kokotović et al	Singular Perturbation Methods in Control: Analysis and Design	\$59.00	\$41.30

(

Quantity	Order Code	Author(s)	Title	List Price	Attendee Price
	SE15	Komzsik	The Lanczos Method: Evolution and Application	\$50.50	\$35.35
	CL47	Kreiss & Lorenz	Initial-Boundary Value Problems and the Navier-Stokes Equations	\$52.50	\$36.75
	OT91	Laub	Matrix Analysis for Scientists and Engineers	\$39.50	\$27.65
	CL15	Lawson & Hanson	Solving Least Squares Problems	\$54.50	\$38.15
	OT98	LeVeque	Finite Differences for Ordinary and Partial Differential Equations: Steady State and Time Depending Problems	\$63.00	\$44.10
	FR24	Lewis et al	Neuro-Fuzzy Control of Industrial Systems with Actuator Nonlinearities	\$79.50	\$55.65
	FR33	Li & Ito	The Immersed Interface Method: Numerical Solutions of PDEs Involving Interfaces and Irregular Domains	\$85.00	\$59.50
	MM11	Markovsky et al	Exact and Approximate Modeling of Linear Systems: A Behavioral Approach	\$64.00	\$44.80
	CB37	Marsden	Lectures on Geometric Methods in Mathematical Physics	\$41.50	\$29.05
	MM10	Mattheij et al	Partial Differential Equations: Modeling, Analysis, Computation	\$127.00	\$88.90
	SE19	Meurant	The Lanczos and Conjugate Gradient Algorithms: From Theory to Finite Precision Computations	\$107.00	\$74.90
	OT71	Meyer	Matrix Analysis and Applied Linear Algebra	\$92.50	\$64.75
	OT87	Moler	Numerical Computing with MATLAB	\$46.50	\$32.55
	FR14	Moré & Wright	Optimization Software Guide	\$48.00	\$33.60
	DT10	Murota	Discrete Convex Analysis	\$127.50	\$89.25
	OT81	Murray	Control in an Information Rich World: Report of the Panel on Future Directions in Control, Dynamics, and Systems	\$36.00	\$25.20
	AM13	Nesterov & Nemirovskii	Interior-Point Polynomial Algorithms in Convex Programming	\$112.50	\$78.75
	CL03	Ortega	Numerical Analysis: A Second Course	\$53.50	\$37.45
	CL20	Parlett	The Symmetric Eigenvalue Problem	\$75.00	\$52.50
	CL24	Parzen	Stochastic Processes	\$57.50	\$40.25
	OT93	Pearson	Mining Imperfect Data: Dealing with Contamination and Incomplete Records	\$70.00	\$49.00
	CL50	Pukelsheim	Optimal Design of Experiments	\$99.00	\$69.30
	OT68	Rabier & Rheinboldt	Nonholonomic Motion of Rigid Mechanical Systems from a DAE Viewpoint	\$47.00	\$32.90
	MP03	Renegar	A Mathematical View of Interior-Point Methods in Convex Optimization	\$47.00	\$32.90
	DC09	Robinett et al	Applied Dynamic Programming for Optimization of Dynamical Systems	\$70.00	\$49.00

Quantity	Order Code	Author(s)	Title	List Price	Attendee Price
	OT82	Saad	Iterative Methods for Sparse Linear Systems, Second Edition	\$102.00	\$71.40
	CL52	Segel & Handelman	Mathematics Applied to Continuum Mechanics	\$85.00	\$59.50
	CS01	Shapira	Solving PDEs in C++: Numerical Methods in a Unified Object-Oriented Approach	\$125.00	\$87.50
	FR27	Smith & Demetriou	Research Directions in Distributed Parameter Systems	\$71.00	\$49.70
	FR32	Smith	Smart Material Systems: Model Development	\$65.00	\$45.50
	OT85	Stetter	Numerical Polynomial Algebra	\$99.00	\$69.30
	OT49	Stewart	Afternotes on Numerical Analysis	\$49.50	\$34.65
	OT58	Stewart	Afternotes Goes to Graduate School: Lectures on Advanced Numerical Analysis	\$54.00	\$37.80
	OT60	Stewart	Matrix Algorithms, Volume 1: Basic Decompositions	\$60.00	\$42.00
	OT77	Stewart	Matrix Algorithms, Volume II: Eigensystems	\$65.00	\$45.50
	OT88	Strikwerda	Finite Difference Schemes and Partial Differential Equations, Second Edition	\$107.00	\$74.90
	OT89	Tarantola	Inverse Problem Theory and Methods for Model Parameter Estimation	\$91.00	\$63.70
	OT50	Trefethen & Bau	Numerical Linear Algebra	\$57.50	\$40.25
	SE10	Trefethen	Spectral Methods in MATLAB	\$47.00	\$32.90
	MM13	van Groesen & Molenaar	Continuum Modeling in the Physical Sciences	\$65.00	\$45.50
	CL42	Vidyasagar	Nonlinear Systems Analysis, Second Edition	\$64.50	\$45.15
	FR23	Vogel	Computational Methods for Inverse Problems	\$65.50	\$45.85
	CB59	Wahba	Spline Models for Observational Data	\$52.50	\$36.75
	OT54	Wright	Primal-Dual Interior-Point Methods	\$61.50	\$43.05