

Qty.	Order Code	Author(s)	Title	List Price	Attendee Price	Member Price
	CL62	Adler	The Geometry of Random Fields	\$85.00	\$68.00	\$59.50
	SA16	Albert et al	Anthology of Statistics in Sports	\$70.00	\$56.00	\$49.00
	OT120	Andersson & Stewart	Introduction to the Mathematics of Subdivision Surfaces	\$75.00	\$60.00	\$52.50
	CS05	Ascher	Numerical Methods for Evolutionary Differential Equations	\$81.50	\$65.20	\$57.05
	CS07	Ascher & Greif	A First Course on Numerical Methods	\$95.00	\$76.00	\$66.50
	OT61	Ascher & Petzold	Computer Methods for Ordinary Differential Equations and Differential-Algebraic Equations	\$62.50	\$50.00	\$43.75
	MP06	Attouch et al	Variational Analysis in Sobolev and BV Spaces: Applications to PDEs and Optimization	\$151.50	\$121.20	\$106.05
	CL63	Avriel et al	Generalized Concavity	\$75.00	\$60.00	\$52.50
	FR34	Batzel et al	Cardiovascular and Respiratory Systems: Modeling, Analysis, and Control	\$115.00	\$92.00	\$80.50
	MP02	Ben-Tal & Nemirovski	Lectures on Modern Convex Optimization: Analysis, Algorithms, and Engineering Applications	\$131.50	\$105.20	\$92.05
	DC19	Betts	Practical Methods for Optimal Control and Estimation Using Nonlinear Programming, Second Edition	\$89.00	\$71.20	\$62.30
	CL61	Bhattacharya & Waymire	Stochastic Processes with Applications	\$90.00	\$72.00	\$63.00
	CL64	Bhattacharya & Rao	Normal Approximation and Asymptotic Expansions	\$72.00	\$57.60	\$50.40
	CS03	Biegler et al	Real-Time PDE-Constrained Optimization	\$102.00	\$81.60	\$71.40
	MO10	Biegler	Nonlinear Programming: Concepts, Algorithms, and Applications to Chemical Processes	\$85.00	\$68.00	\$59.50
	FA09	Bini et al	Numerical Solution of Algebraic Riccati Equations	\$69.00	\$55.20	\$48.30
	OT86	Bornemann et al	The SIAM 100-Digit Challenge: A Study in High-Accuracy Numerical Computing	\$67.50	\$54.00	\$47.25
	CS08	Borzi & Schulz	Computational Optimization of Systems Governed by Partial Differential Equations	\$89.00	\$71.20	\$62.30
	OT96	Böttcher & Grudsky	Spectral Properties of Banded Toeplitz Matrices	\$102.50	\$82.00	\$71.75
	CL67	Brandt & Livne	Multigrid Techniques: 1984 Guide with Applications to Fluid Dynamics, Revised Edition	\$79.00	\$63.20	\$55.30
	OT72	Briggs et al	A Multigrid Tutorial, Second Edition	\$56.50	\$45.20	\$39.55
	OT90	Briggs	Ants, Bikes, and Clocks: Problem Solving for Undergraduates	\$51.00	\$40.80	\$35.70
	SA17	Burdick et al	Design and Analysis of Gauge R&R Studies: Making Decisions with Confidence Intervals in Random and Mixed ANOVA Models	\$65.00	\$52.00	\$45.50

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	OT106	Burkard et al	Assignment Problems	\$110.00	\$88.00	\$77.00
	CL56	Campbell & Meyer	Generalized Inverses of Linear Transformations	\$70.00	\$56.00	\$49.00
	MM02	Chadan et al	An Introduction to Inverse Scattering and Inverse Spectral Problems	\$70.00	\$56.00	\$49.00
	OT94	Chan & Shen	Image Processing and Analysis: Variational, PDE, Wavelet, and Stochastic Methods	\$81.00	\$64.80	\$56.70
	CL65	Chatelin	Spectral Approximation of Linear Operators	\$75.00	\$60.00	\$52.50
	CS02	Chen et al	Computational Methods for Multiphase Flows in Porous Media	\$135.00	\$108.00	\$94.50
	CB79	Cheney & Borden	Fundamentals of Radar Imaging	\$59.00	\$47.20	\$41.30
	MP01	Conn et al	Trust-Region Methods	\$158.50	\$126.80	\$110.95
	MP08	Conn et al	Introduction to Derivative-Free Optimization	\$75.00	\$60.00	\$52.50
	CB81	Constantin	Nonlinear Water Waves with Applications to Wave-Current Interaction and Tsunamis	\$89.00	\$71.20	\$62.30
	OT103	Dahlquist & Björck	Numerical Methods in Scientific Computing, Volume I	\$112.50	\$90.00	\$78.75
	OT116	Datta	Numerical Linear Algebra and Applications, Second Edition	\$79.00	\$63.20	\$55.30
	FA02	Davis	Direct Methods for Sparse Linear Systems	\$70.00	\$56.00	\$49.00
	MM12	de Vries et al	A Course in Mathematical Biology: Quantitative Modeling with Mathematical and Computational Methods	\$74.50	\$59.60	\$52.15
	DC22	Delfour & Zolésio	Shapes and Geometries: Metrics, Analysis, Differential Calculus, and Optimization, Second Edition	\$119.00	\$95.20	\$83.30
	OT56	Demmel	Applied Numerical Linear Algebra	\$77.50	\$62.00	\$54.25
	OT115	Driscoll	Learning MATLAB	\$28.00	\$22.40	\$19.60
	CL46	Edelstein-Keshet	Mathematical Models in Biology	\$60.50	\$48.40	\$42.35
	OT124	Ehrendorfer	Spectral Numerical Weather Prediction Models	\$129.00	\$103.20	\$90.30
	FA04	Eldén	Matrix Methods in Data Mining and Pattern Recognition	\$71.00	\$56.80	\$49.70
	OT102	Epstein	Introduction to the Mathematics of Medical Imaging, Second Edition	\$102.00	\$81.60	\$71.40
	FA08	Escalante & Raydan	Alternating Projection Methods	\$60.00	\$48.00	\$42.00
	MP07	Ferris et al	Linear Programming with MATLAB	\$47.00	\$37.60	\$32.90
	OT111	Field & Golubitsky	Symmetry in Chaos: A Search for Pattern in Mathematics, Art, and Nature, Second Edition	\$59.00	\$47.20	\$41.30

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	CL68	Fischer	Polynomial-Based Iteration Methods for Symmetric Linear Systems	\$85.00	\$68.00	\$59.50
	OT107	Fraser	Hidden Markov Models and Dynamical Systems	\$57.00	\$45.60	\$39.90
	SA20	Gan et al	Data Clustering: Theory, Algorithms, and Applications	\$114.00	\$91.20	\$79.80
	OT99	Gil et al	Numerical Methods for Special Functions	\$102.00	\$81.60	\$71.40
	OT122	Gockenbach	Partial Differential Equations: Analytical and Numerical Methods, Second Edition	\$85.00	\$68.00	\$59.50
	OT97	Gockenbach	Understanding and Implementing the Finite Element Method	\$94.00	\$75.20	\$65.80
	CL58	Gohberg et al	Matrix Polynomials	\$92.00	\$73.60	\$64.40
	OT100	Gran	Numerical Computing with Simulink, Volume I: Creating Simulations	\$83.50	\$66.80	\$58.45
	OT105	Griewank & Walther	Evaluating Derivatives: Principles and Techniques of Algorithmic Differentiation, Second Edition	\$75.50	\$60.40	\$52.85
	OT55	Griffiths & Higham	Learning LATEX	\$31.00	\$24.80	\$21.70
	CL69	Grisvard	Elliptic Problems in Nonsmooth Domains	\$99.00	\$79.20	\$69.30
	OT108	Griva et al	Linear and Nonlinear Optimization, Second Edition	\$98.00	\$78.40	\$68.60
	DC05	Gunzburger	Perspectives in Flow Control and Optimization	\$87.00	\$69.60	\$60.90
	FA03	Hansen et al	Deblurring Images: Matrices, Spectra, and Filtering	\$68.00	\$54.40	\$47.60
	FA07	Hansen	Discrete Inverse Problems: Insight and Algorithms	\$65.00	\$52.00	\$45.50
	OT104	Higham	Functions of Matrices: Theory and Computation	\$61.50	\$49.20	\$43.05
	OT63	Higham	Handbook of Writing for the Mathematical Sciences, Second Edition	\$58.00	\$46.40	\$40.60
	OT80	Higham	Accuracy and Stability of Numerical Algorithms, Second Edition	\$80.00	\$64.00	\$56.00
	OT92	Higham & Higham	MATLAB Guide, Second Edition	\$52.00	\$41.60	\$36.40
	OT113	Ipsen	Numerical Matrix Analysis: Linear Systems and Least Squares	\$59.00	\$47.20	\$41.30
	DC15	Ito & Kunisch	Lagrange Multiplier Approach to Variational Problems and Applications	\$102.00	\$81.60	\$71.40
	CB83	Jentzen & Kloeden	Taylor Approximations for Stochastic Partial Differential Equations	\$77.00	\$61.60	\$53.90
	OT112	Kamath	Scientific Data Mining: A Practical Perspective	\$71.00	\$56.80	\$49.70
	FA01	Kelley	Solving Nonlinear Equations with Newton's Method	\$51.50	\$41.20	\$36.05

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	FR16	Kelley	Iterative Methods for Linear and Nonlinear Equations	\$59.50	\$47.60	\$41.65
	FR18	Kelley	Iterative Methods for Optimization	\$63.00	\$50.40	\$44.10
	SE23	Kelley	Implicit Filtering	\$65.00	\$52.00	\$45.50
	SE22	Kepner & Gilbert	Graph Algorithms in the Language of Linear Algebra	\$110.00	\$88.00	\$77.00
	CL18	Lanczos	Linear Differential Operators	\$84.00	\$67.20	\$58.80
	OT91	Laub	Matrix Analysis for Scientists and Engineers	\$44.00	\$35.20	\$30.80
	CS06	Layton	Introduction to the Numerical Analysis of Incompressible Viscous Flows	\$69.00	\$55.20	\$48.30
	OT98	LeVeque	Finite Difference Methods for Ordinary and Partial Differential Equations: Steady-State and Time-Dependent Problems	\$65.00	\$52.00	\$45.50
	OT114	Levy	The Basics of Practical Optimization	\$67.00	\$53.60	\$46.90
	FR33	Li & Ito	The Immersed Interface Method: Numerical Solutions of PDEs Involving Interfaces and Irregular Domains	\$91.50	\$73.20	\$64.05
	MM10	Mattheij et al	Partial Differential Equations: Modeling, Analysis, Computation	\$133.50	\$106.80	\$93.45
	MM14	Meiss	Differential Dynamical Systems	\$81.50	\$65.20	\$57.05
	OT71	Meyer	Matrix Analysis and Applied Linear Algebra	\$100.00	\$80.00	\$70.00
	FA06	Modersitzki	FAIR: Flexible Algorithms for Image Registration	\$69.00	\$55.20	\$48.30
	OT87	Moler	Numerical Computing with MATLAB, Revised Reprint	\$51.50	\$41.20	\$36.05
	OT110	Moore et al	Introduction to Interval Analysis	\$72.00	\$57.60	\$50.40
	CL57	Morgan	Solving Polynomial Systems Using Continuation for Engineering and Scientific Problems	\$85.00	\$68.00	\$59.50
	SE24	Naumann	The Art of Differentiating Computer Programs	\$93.00	\$74.40	\$65.10
	CB82	Ni	The Mathematics of Diffusion	\$60.00	\$48.00	\$42.00
	OT109	O'Leary	Scientific Computing with Case Studies	\$95.00	\$76.00	\$66.50
	OT76	Overton	Numerical Computing with IEEE Floating Point Arithmetic	\$58.00	\$46.40	\$40.60
	MP03	Renegar	A Mathematical View of Interior-Point Methods in Convex Optimization	\$52.00	\$41.60	\$36.40
	FR35	Rivière	Discontinuous Galerkin Methods for Solving Elliptic and Parabolic Equation: Theory and Implementation	\$57.00	\$45.60	\$39.90

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	CL66	Saad	Numerical Methods for Large Eigenvalue Problems, Revised Edition	\$70.00	\$56.00	\$49.00
	OT82	Saad	Iterative Methods for Sparse Linear Systems, Second Edition	\$110.00	\$88.00	\$77.00
	MP09	Shapiro et al	Lectures on Stochastic Programming: Modeling and Theory	\$119.00	\$95.20	\$83.30
	OT118	Shmulevich & Dougherty	Probabilistic Boolean Networks: The Modeling and Control of Gene Regulatory Networks	\$59.00	\$47.20	\$41.30
	CL59	Shorack & Wellner	Empirical Processes with Applications to Statistics	\$89.00	\$71.20	\$62.30
	CL29	Stakgold	Boundary Value Problems of Mathematical Physics, Vols. I & II	\$90.00	\$72.00	\$63.00
	OT85	Stetter	Numerical Polynomial Algebra	\$107.00	\$85.60	\$74.90
	OT123	Stewart	Dynamics with Inequalities: Impacts and Hard Constraints	\$99.00	\$79.20	\$69.30
	OT49	Stewart	Afternotes on Numerical Analysis	\$54.50	\$43.60	\$38.15
	OT58	Stewart	Afternotes Goes to Graduate School: Lectures on Advanced Numerical Analysis	\$59.50	\$47.60	\$41.65
	OT60	Stewart	Matrix Algorithms, Volume I: Basic Decompositions	\$65.00	\$52.00	\$45.50
	OT77	Stewart	Matrix Algorithms, Volume II: Eigensystems	\$70.00	\$56.00	\$49.00
	OT88	Strikwerda	Finite Difference Schemes and Partial Differential Equations, Second Edition	\$112.50	\$90.00	\$78.75
	OT89	Tarantola	Inverse Problem Theory and Methods for Model Parameter Estimation	\$98.50	\$78.80	\$68.95
	OT50	Trefethen & Bau	Numerical Linear Algebra	\$63.00	\$50.40	\$44.10
	MO11	Ulbrich	Semismooth Newton Methods for Variational Inequalities and Constrained Optimization Problems in Function Spaces	\$99.00	\$79.20	\$69.30
	OT117	Van Loan & Fan	Insight Through Computing: A MATLAB Introduction to Computational Science and Engineering	\$59.00	\$47.20	\$41.30
	FR23	Vogel	Computational Methods for Inverse Problems	\$71.00	\$56.80	\$49.70
	OT101	Watkins	The Matrix Eigenvalue Problem: GR and Krylov Subspace Methods	\$102.00	\$81.60	\$71.40
	MM16	Yang	Nonlinear Waves in Integrable and Nonintegrable Systems	\$85.00	\$68.00	\$59.50
	CS04	Zohdi	An Introduction to Modeling and Simulation of Particulate Flows	\$113.50	\$90.80	\$79.45