

# SIAM BESTSELLERS

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## 1980s – 2010s

Unless noted, all titles available at <http://www.siam.org/books>

1980s	Title	Book Code
Dongarra et al.	Linpack Users' Guide	OT08
Tarjan	Data Structures and Network Algorithms	CB44
Coleman & Van Loan	Handbook for Matrix Computations	FR04
Briggs	A Multigrid Tutorial	OT17*
Efron	The Jackknife, the Bootstrap, and Other Resampling Plans	CB38
Spencer	Ten Lectures on the Probabilistic Method	CB52*
Klamkin	Mathematical Modeling: Classroom Notes in Applied Mathematics	OT15
Lovasz	An Algorithmic Theory of Numbers, Graphs, and Convexity	CB50
Lin & Segel	Mathematics Applied to Deterministic Problems in the Natural Sciences	CL01
Farin	Geometric Modeling	OT14*
1990s		
Daubechies	Ten Lectures on Wavelets	CB61
Meyer & Ryan	Wavelets: Algorithms and Applications	OT38*
Higham	Handbook of Writing for the Mathematical Sciences	OT39*
Trefethen & Bau	Numerical Linear Algebra	OT50
Dongarra et al.	LAPack Users' Guide	OT31*
Coleman & Van Loan	Handbook for Matrix Computations	FR04
Briggs	A Multigrid Tutorial	OT17*
Dongarra et al.	Linpack Users' Guide	OT08
Lin & Segel	Mathematics Applied to Deterministic Problems in the Natural Sciences	CL01
Tarjan	Data Structures and Network Algorithms	CB44
2000s		
Trefethen & Bau	Numerical Linear Algebra	OT50
Meyer	Matrix Analysis and Applied Linear Algebra	OT71
Moler	Numerical Computing with MATLAB	OT87
Higham	MATLAB Guide	OT75*
Edelstein-Keshet	Mathematical Models in Biology	CL46
Higham	MATLAB Guide, 2 <sup>nd</sup> Edition	OT92
Higham	Handbook of Writing for the Mathematical Sciences, 2 <sup>nd</sup> Edition	OT63*
Griffith & Higham	Learning LaTeX	OT55
Demmel	Applied Numerical Linear Algebra	OT56
Trefethen	Spectral Methods in MATLAB	SE10

## 2010s

Trefethen & Bau	Numerical Linear Algebra	OT50
Meyer	Matrix Analysis and Applied Linear Algebra	OT71
Ascher & Greif	A First Course on Numerical Methods	CS07
Edelstein-Keshet	Mathematical Models in Biology	CL46
LeVeque	Finite Difference Methods for ODEs and PDEs	OT98
Van Loan & Fan	Insight Through Computing	OT117
Griva et al.	Linear and Nonlinear Optimization 2 <sup>nd</sup> Edition	OT108
Moler	Numerical Computing with MATLAB	OT87
Gockenbach	Partial Differential Equations: Analytical and Numerical Methods	OT122
Higham	MATLAB Guide, 2 <sup>nd</sup> Edition	OT92

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**\*out of print and replaced by new editions — CB52 now CB64, OT17 now OT72, OT31 now SE09, OT38 now OT69, OT39 now OT63, and OT75 now OT92; OT14 unavailable.**