

## SIAM 1

タイトル	シリーズまたはパッケージ名	URL
Phylogeny: Discrete and Random Processes in Evolution	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974485">http://epubs.siam.org/doi/book/10.1137/1.9781611974485</a>
Inverse Scattering Theory and Transmission Eigenvalues	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974461">http://epubs.siam.org/doi/book/10.1137/1.9781611974461</a>
Discourse on Fourier Series	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974522">http://epubs.siam.org/doi/book/10.1137/1.9781611974522</a>
Stochastic Systems: Estimation, Identification, and Adaptive Control	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974263">http://epubs.siam.org/doi/book/10.1137/1.9781611974263</a>
MATLAB Guide, Third Edition	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974669">http://epubs.siam.org/doi/book/10.1137/1.9781611974669</a>
Dynamic Mode Decomposition: Data-Driven Modeling of Complex Systems	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974508">http://epubs.siam.org/doi/book/10.1137/1.9781611974508</a>
MM Optimization Algorithms	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974409">http://epubs.siam.org/doi/book/10.1137/1.9781611974409</a>
Handbook for Automatic Differentiation Using ADMAT	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974362">http://epubs.siam.org/doi/book/10.1137/1.9781611974362</a>
Melnikov Methods for Barriers and Transport in Unsteady Flows	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974584">http://epubs.siam.org/doi/book/10.1137/1.9781611974584</a>
Game Theory with Engineering Applications	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974287">http://epubs.siam.org/doi/book/10.1137/1.9781611974287</a>
AIMD Dynamics and Distributed Resource Allocation	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974225">http://epubs.siam.org/doi/book/10.1137/1.9781611974225</a>
Minimum-Volume Ellipsoids: Theory and Algorithms	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974386">http://epubs.siam.org/doi/book/10.1137/1.9781611974386</a>
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Lectures on BSDEs, Stochastic Control, and Stochastic Differential Games with Financial Applications	SIAM E-BOOKS 2016	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974249">http://epubs.siam.org/doi/book/10.1137/1.9781611974249</a>
Analysis of Hydrodynamic Models	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974805">http://epubs.siam.org/doi/book/10.1137/1.9781611974805</a>
Computing Highly Oscillatory Integrals	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975123">http://epubs.siam.org/doi/book/10.1137/1.9781611975123</a>
A Taste of Inverse Problems: Basic Theory and Examples	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974942">http://epubs.siam.org/doi/book/10.1137/1.9781611974942</a>
Tensor Analysis: Spectral Theory and Special Tensors	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974751">http://epubs.siam.org/doi/book/10.1137/1.9781611974751</a>
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High-Gain Observers in Nonlinear Feedback Control	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974867">http://epubs.siam.org/doi/book/10.1137/1.9781611974867</a>
First-Order Methods in Optimization	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974997">http://epubs.siam.org/doi/book/10.1137/1.9781611974997</a>
Advances and Trends in Optimization with Engineering Applications	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974683">http://epubs.siam.org/doi/book/10.1137/1.9781611974683</a>
Vector Extrapolation Methods with Applications	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974966">http://epubs.siam.org/doi/book/10.1137/1.9781611974966</a>
Formulation and Numerical Solution of Quantum Control Problems	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974843">http://epubs.siam.org/doi/book/10.1137/1.9781611974843</a>

## SIAM 2

タイトル	シリーズまたはパッケージ名	URL
Model Reduction and Approximation: Theory and Algorithms	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974829">http://epubs.siam.org/doi/book/10.1137/1.9781611974829</a>
Introduction to Data Analysis and Uncertainty Quantification for Inverse Problems	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974928">http://epubs.siam.org/doi/book/10.1137/1.9781611974928</a>
Credit Scoring and Its Applications, Second Edition	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974560">http://epubs.siam.org/doi/book/10.1137/1.9781611974560</a>
Iterative Solution of Symmetric Quasi-Definite Linear Systems	SIAM E-BOOKS 2017	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611974737">http://epubs.siam.org/doi/book/10.1137/1.9781611974737</a>
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Solitons in Two-Dimensional Shallow Water	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975529">http://epubs.siam.org/doi/book/10.1137/1.9781611975529</a>
Mathematics Motivated by the Social and Behavioral Sciences	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975185">http://epubs.siam.org/doi/book/10.1137/1.9781611975185</a>
Scientific Computing: An Introductory Survey, Revised Second Edition	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975581">http://epubs.siam.org/doi/book/10.1137/1.9781611975581</a>
Elementary Numerical Analysis: An Algorithmic Approach	SIAM E-BOOKS 2018	<a href="https://epubs.siam.org/doi/book/10.1137/1.9781611975208">https://epubs.siam.org/doi/book/10.1137/1.9781611975208</a>
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Frequency Domain Techniques for $H^\infty$ Control of Distributed Parameter Systems	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975406">http://epubs.siam.org/doi/book/10.1137/1.9781611975406</a>
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Structure-Preserving Doubling Algorithms for Nonlinear Matrix Equations	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975369">http://epubs.siam.org/doi/book/10.1137/1.9781611975369</a>
Core Chasing Algorithms for the Eigenvalue Problem	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975345">http://epubs.siam.org/doi/book/10.1137/1.9781611975345</a>
Numerical Analysis of Partial Differential Equations Using Maple and MATLAB	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975314">http://epubs.siam.org/doi/book/10.1137/1.9781611975314</a>
Numerical Methods for Conservation Laws: From Analysis to Algorithms	SIAM E-BOOKS 2018	<a href="http://epubs.siam.org/doi/book/10.1137/1.9781611975109">http://epubs.siam.org/doi/book/10.1137/1.9781611975109</a>