

AUTHOR	BOOK TITLE	SERIES TITLE
Aalen, O. / Borgan, O. / Gjessing, H.	Survival and Event History Analysis	Statistics for Biology and Health
Abramenko, P. / Brown, K.	Buildings	Graduate Texts in Mathematics
Abramovich, D. / Mariño, M. / Thaddeus, M. / Vakil, R.	Enumerative Invariants in Algebraic Geometry and String Theory	Lecture Notes in Mathematics
Agarwal, R. / O'Regan, D.	An Introduction to Ordinary Differential Equations	Universitext
Agrachev, A. / Morse, A. / Sontag, E. / Sussmann, H. / Utkin, V.	Nonlinear and Optimal Control Theory	Lecture Notes in Mathematics
Ahlswede, R. / Blinovsky, V.	Lectures on Advances in Combinatorics	Universitext
Albeverio, S. / Flandoli, F. / Sinai, Y.	SPDE in Hydrodynamic: Recent Progress and Prospects	Lecture Notes in Mathematics
Albeverio, S. / Høegh-Krohn, R. / Mazzucchi, S.	Mathematical Theory of Feynman Path Integrals	Lecture Notes in Mathematics
Al-Gwaiz, M.	Sturm-Liouville Theory and its Applications	
Alladi, K.	Surveys in Number Theory	Developments in Mathematics
Allaire, G. / Arnold, A. / Degond, P. / Hou, T.	Quantum Transport	Lecture Notes in Mathematics
Allaire, G. / Kaber, S.	Numerical Linear Algebra	Texts in Applied Mathematics
Alves, C. / Pardalos, P. / Vicente, L.	Optimization in Medicine	Optimization and Its Applications
Amann, H. / Arendt, W. / Hieber, M. / Neubrander, F. / Nicaise, S. / Below, J.	Functional Analysis and Evolution Equations	
Amann, H. / Escher, J.	Analysis II	
Ambrosio, L. / Caffarelli, L. / Crandall, M. / Evans, L. / Fusco, N.	Calculus of Variations and Nonlinear Partial Differential Equations	Lecture Notes in Mathematics
Ambrosio, L. / Crippa, G. / Lellis, C. / Otto, F. / Westdickenberg, M.	Transport Equations and Multi-D Hyperbolic Conservation Laws	Lecture Notes of the Unione Matematica Italiana
Ambrosio, L. / Gigli, N. / Savaré, G.	Gradient Flows	Lectures in Mathematics. ETH Zürich

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Ammari, H.	An Introduction to Mathematics of Emerging Biomedical Imaging	Mathématiques et Applications
Ammari, H.	Modeling and Computations in Electromagnetics	Lecture Notes in Computational Science and Engineering
Anderson, D.	Model Based Inference in the Life Sciences: A Primer on Evidence	
Angelis, E. / Chaplain, M. / Bellomo, N.	Selected Topics in Cancer Modeling	Modeling and Simulation in Science, Engineering and Technology
Anglès, P.	Conformal Groups in Geometry and Spin Structures	Progress in Mathematical Physics
Aoki, T. / Majima, H. / Takei, Y. / Tose, N.	Algebraic Analysis of Differential Equations	
Argyros, I.	Convergence and Applications of Newton-type Iterations	
Artalejo, J. / Gómez-Corral, A.	Retrial Queueing Systems	
Arwini, K. / Dodson, C.	Information Geometry	Lecture Notes in Mathematics
Asher, J. / Banks, D. / Scheuren, F.	Statistical Methods for Human Rights	
Auroux, D. / Manetti, M. / Seidel, P. / Siebert, B. / Smith, I.	Symplectic 4-Manifolds and Algebraic Surfaces	Lecture Notes in Mathematics
Ball, J. / Eidelman, Y. / Helton, J. / Olshevsky, V. / Rovnyak, J.	Recent Advances in Matrix and Operator Theory	Operator Theory: Advances and Applications
Banasiak, J. / Chaplain, M. / Miękisz, J.	Multiscale Problems in the Life Sciences	Lecture Notes in Mathematics
Bardos, C. / Fursikov, A.	Instability in Models Connected with Fluid Flows II	International Mathematical Series
Bardos, C. / Fursikov, A.	Instability in Models Connected with Fluid Flows I	International Mathematical Series
Barge, J. / Lannes, J.	Suites de Sturm, indice de Maslov et périodicité de Bott	Progress in Mathematics
Barreira, L.	Dimension and Recurrence in Hyperbolic Dynamics	Progress in Mathematics
Barreira, L. / Valls, C.	Stability of Nonautonomous Differential Equations	Lecture Notes in Mathematics

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Bart, H. / Hempfling, T. / Kaashoek, M.	Israel Gohberg and Friends	
Bart, H. / Ran, A. / Gohberg, I. / Kaashoek, M.	Factorization of Matrix and Operator Functions: The State Space Method	Operator Theory: Advances and Applications
Bartholomew-Biggs, M.	Nonlinear Optimization with Engineering Applications	Optimization and Its Applications
Bartolo, A. / Falcone, G. / Plaumann, P. / Strambach, K.	Algebraic Groups and Lie Groups with Few Factors	Lecture Notes in Mathematics
Bastos, M. / Lebre, A. / Speck, F. / Gohberg, I.	Operator Algebras, Operator Theory and Applications	Operator Theory: Advances and Applications
Bebendorf, M.	Hierarchical Matrices	Lecture Notes in Computational Science and Engineering
Bellomo, N. / Lods, B. / Revelli, R. / Ridolfi, L.	Generalized Collocation Methods	Modeling and Simulation in Science, Engineering and Technology
Bellomo, N.	Modeling Complex Living Systems	Modeling and Simulation in Science, Engineering and Technology
Benzoni-Gavage, S. / Serre, D.	Hyperbolic Problems: Theory, Numerics, Applications	
Berk, R.	Statistical Learning from a Regression Perspective	Springer Series in Statistics
Besse, A.	Einstein Manifolds	Classics in Mathematics
Bhat, U.	An Introduction to Queueing Theory	Statistics for Industry and Technology
Biagini, F. / Hu, Y. / Øksendal, B. / Zhang, T.	Stochastic Calculus for Fractional Brownian Motion and Applications	Probability and Its Applications
Biane, P. / Bouten, L. / Cipriani, F. / Konno, N. / Privault, N. / Xu, Q.	Quantum Potential Theory	Lecture Notes in Mathematics
Biggs, N.	Codes: An Introduction to Information Communication and Cryptography	Springer Undergraduate Mathematics Series
Bischof, C. / Bücker, H. / Hovland, P. / Naumann, U. / Utke, J.	Advances in Automatic Differentiation	Lecture Notes in Computational Science and Engineering
Bishwal, J.	Parameter Estimation in Stochastic Differential Equations	Lecture Notes in Mathematics
Blanchini, F. / Miani, S.	Set-Theoretic Methods in Control	Systems & Control: Foundations & Applications

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Bobenko, A. / Sullivan, J. / Schröder, P. / Ziegler, G.	Discrete Differential Geometry	Oberwolfach Seminars
Bock, H. / Kostina, E. / Phu, H. / Rannacher, R.	Modeling, Simulation and Optimization of Complex Processes	
Boffi, D. / Brezzi, F. / Demkowicz, L. / Durán, R. / Falk, R. / Fortin, M.	Mixed Finite Elements, Compatibility Conditions, and Applications	Lecture Notes in Mathematics
Bollobás, B. / Kozma, R. / Miklós, D.	Handbook of Large-Scale Random Networks	Bolyai Society Mathematical Studies
Bondy, J. / Murty, U.	Graph Theory	Graduate Texts in Mathematics
Bonilla, L. / Moscoso, M. / Platero, G. / Vega, J.	Progress in Industrial Mathematics at ECMI 2006	Mathematics in Industry
Bottema, O.	Topics in Elementary Geometry	
Bowen, R.	Equilibrium States and the Ergodic Theory of Anosov Diffeomorphisms	Lecture Notes in Mathematics
Bramson, M.	Stability of Queueing Networks	Lecture Notes in Mathematics
Brauer, F. / Driessche, P. / Wu, J.	Mathematical Epidemiology	Lecture Notes in Mathematics
Breitner, M. / Denk, G. / Rentrop, P.	From Nano to Space	
Brenner, S. / Scott, L.	The Mathematical Theory of Finite Element Methods	Texts in Applied Mathematics
Brill, P.	Level Crossing Methods in Stochastic Models	International Series in Operations Research & Management Science
Brito, P.	COMPSTAT 2008	
Bruinier, J. / Geer, G. / Harder, G. / Zagier, D.	The 1-2-3 of Modular Forms	Universitext
Brylinski, J-L.	Loop Spaces, Characteristic Classes and Geometric Quantization	Modern Birkhäuser Classics
Brzeziński, T. / Pardo, J. / Shestakov, I. / Smith, P.	Modules and Comodules	Trends in Mathematics
Burachik, R. / Iusem, A.	Set-Valued Mappings and Enlargements of Monotone Operators	Optimization and Its Applications

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Cannarsa, P. / D'Aprile, T.	Introduzione alla teoria della misura e all'analisi funzionale	UNITEXT
Canuto, C. / Tabacco, A.	Analisi matematica I	UNITEXT
Canuto, C. / Tabacco, A.	Analisi matematica II	UNITEXT
Canuto, C. / Tabacco, A.	Mathematical Analysis I	Universitext
Cao, F. / Lisani, J-L. / Morel, J-M. / Musé, P. / Sur, F.	A Theory of Shape Identification	Lecture Notes in Mathematics
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Casella, G.	Statistical Design	Springer Texts in Statistics
Catoni, F. / Boccaletti, D. / Cannata, R. / Catoni, V. / Nichelatti, E. / Zampetti, P.	The Mathematics of Minkowski Space-Time	Frontiers in Mathematics
Cecil, T.	Lie Sphere Geometry	
Chambers, J.	Software for Data Analysis	Statistics and Computing
Chang, M-H.	Stochastic Control of Hereditary Systems and Applications	Stochastic Modelling and Applied Probability
Chen, C-H. / Härdle, W. / Unwin, A.	Handbook of Data Visualization	Springer Handbooks of Computational Statistics
Chenciner, A.	Courbes Algébriques Planes	
Chinchuluun, A. / Pardalos, P. / Migdalas, A. / Pitsoulis, L.	Pareto Optimality, Game Theory And Equilibria	Optimization and Its Applications
Chinneck, J.	Feasibility and Infeasibility in Optimization	International Series in Operations Research & Management Science

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Chu, C-H.	Matrix Convolution Operators on Groups	Lecture Notes in Mathematics
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Cuyt, A. / Petersen, V. / Verdonk, B. / Waadeland, H. / Jones, W.	Handbook of Continued Fractions for Special Functions	
Dabo-Niang, S. / Ferraty, F.	Functional and Operatorial Statistics	Contributions to Statistics
Dalang, R. / Russo, F. / Dozzi, M.	Seminar on Stochastic Analysis, Random Fields and Applications V	Progress in Probability
Daley, D. / D. Vere-Jones, D.	An Introduction to the Theory of Point Processes	Probability and Its Applications
Dalgaard, P.	Introductory Statistics with R	Statistics and Computing
DasGupta, A.	Asymptotic Theory of Statistics and Probability	Springer Texts in Statistics
Desolneux, A. / Moisan, L. / Morel, J-M.	From Gestalt Theory to Image Analysis	Interdisciplinary Applied Mathematics
Deutsch, A. / Parra, R. / Boer, R. / Diekmann, O. / Jagers, P. / Kisdi, E. / Kretzschmar, M. / Lansky, P. / Metz, H.	Mathematical Modeling of Biological Systems, Volume II	Modeling and Simulation in Science, Engineering and Technology
Diaconescu, R.	Institution-independent Model Theory	Studies in Universal Logic

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Dickenstein, A. / Schreyer, F-O. / Sommese, A.	Algorithms in Algebraic Geometry	The IMA Volumes in Mathematics and its Applications
Didenko, V. / Silbermann, B.	Approximation of Additive Convolution-Like Operators	Frontiers in Mathematics
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Dominici, F. / Peng, R.	Statistical Methods for Environmental Epidemiology with R	Use R
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Dunson, D.	Random Effect and Latent Variable Model Selection	Lecture Notes in Statistics
Durrett, R.	Probability Models for DNA Sequence Evolution	Probability and Its Applications
Duvernoy, S.	Nexus Network Journal	Nexus Network Journal
Eastwood, M. / Miller, W.	Symmetries and Overdetermined Systems of Partial Differential Equations	The IMA Volumes in Mathematics and its Applications
Ebert, G. / Barwick, S.	Unitals in Projective Planes	Springer Monographs in Mathematics
Edgar, G.	Measure, Topology, and Fractal Geometry	Undergraduate Texts in Mathematics
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Evans, S.	Probability and Real Trees	Lecture Notes in Mathematics
Everitt, B.	Chance Rules	
Fargues, L. / Genestier, A. / Lafforgue, V.	L'isomorphisme entre les tours de Lubin-Tate et de Drinfeld	Progress in Mathematics
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Ferraro, G.	The Rise and Development of the Theory of Series up to the Early 1820s	Sources and Studies in the History of Mathematics and Physical Sciences
Floriani, L. / Spagnuolo, M.	Shape Analysis and Structuring	Mathematics and Visualization
Franke, J. / Härdle, W. / Hafner, C.	Statistics of Financial Markets	Universitext
Franz-Theo Suttmeier, F-T.	Numerical solution of Variational Inequalities by Adaptive Finite Elements	
Fried, M. / Jarden, M.	Field Arithmetic	Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics
Friedman, A.	Tutorials in Mathematical Biosciences IV	Lecture Notes in Mathematics
Fusai, G. / Roncoroni, A.	Implementing Models in Quantitative Finance: Methods and Cases	Springer Finance
Gabelli, S.	Teoria delle Equazioni e Teoria di Galois	UNITEXT
Gaetan, C. / Guyon, X.	Modélisation et statistique spatiales	Mathématiques et Applications
Gal, S.	Shape-Preserving Approximation by Real and Complex Polynomials	
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Gan, W. / Kudla, S. / Tschinkel, Y.	Eisenstein Series and Applications	Progress in Mathematics
Geoghegan, R.	Topological Methods in Group Theory	Graduate Texts in Mathematics
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Grätzer, G.	Universal Algebra	

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Graziani, F.	Computational Methods in Transport: Verification and Validation	Lecture Notes in Computational Science and Engineering
Greuel, G-M. / Pfister, G.	A Singular Introduction to Commutative Algebra	
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Gürlebeck, K. / Habetha, K. / Sprößig, W.	Holomorphic Functions in the Plane and n-dimensional Space	
Gustafsson, B.	High Order Difference Methods for Time Dependent PDE	Springer Series in Computational Mathematics
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Hahne, F. / Huber, W. / Gentleman, R. / Falcon, S.	Bioconductor Case Studies	Use R
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Harel, D. / Feldman, Y.	Algoritmi	UNITEXT
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Hu, Q. / Yue, W.	Markov Decision Processes With Their Applications	Advances in Mechanics and Mathematics
Hughes, B.	Fibonacci's De Practica Geometrie	Sources and Studies in the History of Mathematics and Physical Sciences
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Iacus, S.	Simulation and Inference for Stochastic Differential Equations	Springer Series in Statistics
Izenman, A.	Modern Multivariate Statistical Techniques	Springer Texts in Statistics
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Jorgensen, P. / Merrill, K. / Packer, J.	Representations, Wavelets, and Frames	Applied and Numerical Harmonic Analysis
Jorgenson, J. / Lang, S.	The Heat Kernel and Theta Inversion on $SL_2(\mathbb{C})$	Springer Monographs in Mathematics
Jost, J.	Riemannian Geometry and Geometric Analysis	Universitext
Jungnickel, D.	Graphs, Networks and Algorithms	Algorithms and Computation in Mathematics
Jüttler, B. / Piene, R.	Geometric Modeling and Algebraic Geometry	
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Kassel, C. / Turaev, V.	Braid Groups	Graduate Texts in Mathematics
Keller, A. / Heinrich, S. / Niederreiter, H.	Monte Carlo and Quasi-Monte Carlo Methods 2006	
Kjærulff, U. / Madsen, A.	Bayesian Networks and Influence Diagrams	Information Science and Statistics
Kleijnen, J.	Design and Analysis of Simulation Experiments	International Series in Operations Research & Management Science
Klein, F. / Sommerfeld, A.	The Theory of the Top. Volume 1	
Klenke, A.	Probability Theory	Universitext
Kobayashi, T. / Schmid, W. / Yang, J-H.	Representation Theory and Automorphic Forms	Progress in Mathematics
Koblitz, N.	Random Curves	
Kohlenbach, U.	Applied Proof Theory: Proof Interpretations and Their Use in Mathematics	Springer Monographs in Mathematics
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Konishi, S. / Kitagawa, G.	Information Criteria and Statistical Modeling	Springer Series in Statistics
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Kosorok, M.	Introduction to Empirical Processes and Semiparametric Inference	Springer Series in Statistics
Kotelenez, P.	Stochastic Ordinary and Stochastic Partial Differential Equations	Stochastic Modelling and Applied Probability
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Langtangen, H.	Python Scripting for Computational Science	Texts in Computational Science and Engineering
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Levin, A.	Difference Algebra	Algebra and Applications
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Lowen, R. / Verschoren, A.	Foundations of Generic Optimization	Mathematical Modelling: Theory and Applications
Luenberger, D. / Ye, Y.	Linear and Nonlinear Programming	International Series in Operations Research & Management Science
Magal, P. / Ruan, S.	Structured Population Models in Biology and Epidemiology	Lecture Notes in Mathematics
Manetti, M.	Topologia	UNITEXT
Mansuy, R. / Yor, M.	Aspects of Brownian Motion	Universitext
Marasinghe, M. / Kennedy, W.	SAS for Data Analysis	Statistics and Computing
Mastroianni, G. / Milovanović, G.	Interpolation Processes	Springer Monographs in Mathematics
Mathew, T.	Domain Decomposition Methods for the Numerical Solution of Partial Differential Equations	Lecture Notes in Computational Science and Engineering
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Miescke, K-J. / Liese, F.	Statistical Decision Theory	Springer Series in Statistics
Minguez, R. / Sarabia, J-M. / Balakrishnan, N. / Arnold, B.	Advances in Mathematical and Statistical Modeling	Statistics for Industry and Technology

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Mishra, S. / Wang, S. / Lai, K.	V-Invex Functions and Vector Optimization	Optimization and Its Applications
Mishura, Y.	Stochastic Calculus for Fractional Brownian Motion and Related Processes	Lecture Notes in Mathematics
Mondaini, R. / Pardalos, P.	Mathematical Modelling of Biosystems	Applied Optimization
Morgenthaler, S.	Génétiq ue statistique	Statistique et probabilités appliquées
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Morvan, J-M.	Generalized Curvatures	Geometry and Computing
Munthe-Kaas, H. / Owren, B.	Mathematics and Computation, a Contemporary View	Abel Symposia
Murasugi, K.	Knot Theory & Its Applications	Modern Birkhäuser Classics
Murty, M.	Problems in Analytic Number Theory	Graduate Texts in Mathematics
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Neise, F.	Risk Management in Stochastic Integer Programming	

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