

1. Record Nr.	UNINA9911015624603321
Autore	Dai Wanyang
Titolo	Computational Mathematics and Numerical Analysis : CSAMCS 2023, Nanjing, China, November 10–12, 2023 // edited by Wanyang Dai, Jichun Li
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9623-79-0
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (0 pages)
Collana	Springer Proceedings in Mathematics & Statistics, , 2194-1017 ; ; 486
Altri autori (Persone)	LiJichun
Disciplina	004.0151
Soggetti	Mathematics - Data processing Mathematical models Statistics Computational Mathematics and Numerical Analysis Mathematical Modeling and Industrial Mathematics Statistical Theory and Methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	- Clustering on MNIST dataset -- The Symmetric Orthogonal Anti-symmetric Solution of The Inverse Quadratic Eigenvalue Problem and Its Optimal Approximation -- Regularization Homotopy Method for Solving Distance Equations -- Mixed p-norm Ball -- Semmetry of Solutions for a Fully Nonlinear Nonlocal System with Singularity -- One-Dimensional Rheological Consolidation Analysis of Saturated Clay with Hansbo Seepage Based on Fractional-Order Merchant Mode -- Statistical Diagnosis of Fuzzy Linear Regression Model Based on Weighted Least Square Method -- System of MHD Equations of Dimensionless Conservation Forms -- Research on Guaranteed Performance Control for Discrete Singular Time-delay Bilinear Systems -- Research on Guaranteed Performance Control for Discrete Singular Time-delay Bilinear Systems -- Barycentric Rational Hermite Interpolation Based on Lebesgue Constant Minimum Level Preserving Asymptote -- Range of the Position of the Maximum Term in the Infinite Series of Noncentral F Cumulative Distribution Function -- Two Laws of Large Numbers for Sublinear Expectations -- General Stability

and Exponential Growth of Logarithmic Wave Equation with Space-Time Dependent Variable Coefficients -- A Greedy Randomized Extended Block Average Kaczmarz Algorithm for Solving Least Squares Solutions -- The Gutman index of the Three Bits of Six-membered Ring Spiro Chains -- A New Method to Calculate the Values of $4F_3$ -- Eigenvalue Reverse Problem of anti-N Matrix -- Weaknesses in Batch Gradient Descent -- Exploring the Influence of Normalization on Classification Accuracy in Solving Helen's Dating Problem Based on KNN Algorithm -- Calculation of Percolation Threshold and Analysis on Fractal Dimension of Percolation Path in 2-D Porous Lattice -- Unlocking Complexity: An Advanced Computational Technique for Analyzing the Order of Automorphism Groups -- Strong KKT Conditions for Optimization Problems under a Class of Abadie Constraint Specifications -- Post-Selection Multiple Testing in Generalized Linear Models -- Exact Controllability of Semi-Linear MDE with Infinite Delay -- Analysis on the Existence and Bifurcation of Periodic Solutions for Three Degree-of-Freedom Symmetric Cross-Ply Composite Laminated Plates -- Application of New Aggregation Operator Based on Aczel-Alsina and Power Operator in Probabilistic Hesitation Fuzzy Multi-Attribute Decision Making -- A new Exploration of Multibeam Limiting Methods for Seafloor Exploration -- Approximated Whittle Index for Femtocell Scheduling -- The Spectral Analysis of a Two-Parameter Preconditioner for Generalized Saddle Point Linear Systems -- Finite-time Passive Control for a class of Nonlinear Systems with Time-delay T-S Fuzzy Model.

Sommario/riassunto

This book represents the proceedings of the 3rd International Conference on Statistics, Applied Mathematics, and Computing Science (CSAMCS 2023), held from November 10th to 12th, 2023 in Nanjing, China, hosted by Nanjing University. This conference proceedings aims to encapsulate the essence of the conference by featuring papers that discuss topics such as Computational Mathematics and Numerical Analysis. It serves as a repository of research presented at CSAMCS 2023, highlighting the importance and relevance of these fields in tackling contemporary challenges.
