Green Journals

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Journal Information

Journal Title	Communications on Applied Mathematics and Computation
Publisher	Springer
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Classification History

Year	A+	A	B	C
2026			✓	
2025			✓	
2024			✓	
2023				
2021/2022				
2020				
2019				
2018				

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

Numerical Solution of the Ultraslow Diffusion Equation with Non-local Structural Derivative
2026-10-31
Authors: Xinru Chen, Mingzhu Li, Wei Xu et al.
DOI: 10.1007/s42967-026-00628-0

Rigorous Derivation of the Mean-Field Limit for the Signal-Dependent Keller-Segel System
2026-10-30
Authors: Jinhuan Wang, Keyu Li, Hui Huang
DOI: 10.1007/s42967-026-00627-1

Complex Structure-Preserving Algorithms for Dual Split Quaternion Matrix LU Decomposition and Application to Color Image Authentication
2026-10-30
Authors: Ning Shao, Ying Li, Yinping Li et al.
DOI: 10.1007/s42967-026-00593-8

Restrictively Preconditioned Conjugate Gradient Method for Double Saddle Point Linear Systems with Applications to PDE-Constrained Optimal Control Problems
2026-10-28
Authors: Zhao-Zheng Liang, Ling-Xia Zhong
DOI: 10.1007/s42967-026-00608-4

Paired Explicit Relaxation Runge–Kutta Methods: Entropy-Conservative and Entropy-Stable High-Order Optimized Multirate Time Integration
2026-10-27
Authors: Daniel Doehring, Hendrik Ranocha, Manuel Torrilhon
DOI: 10.1007/s42967-026-00587-6

Effective Method for Solving Higher-Order Quaternion Matrix Equation $$AX - YB = C$$ Based on Semi-tensor Product of Matrices with Applications
2026-10-21
Authors: Jing Xu, Ying Li, Yinping Li et al.
DOI: 10.1007/s42967-026-00614-6

A Velocity-Based Moving Mesh Discontinuous Galerkin Method for the Advection-Diffusion Equation
2026-10-14
Authors: Ezra Rozier, Jörn Behrens
DOI: 10.1007/s42967-026-00594-7

Schur Complement-Based Determinant Bounds for SDD$$_1$$ Matrices
2026-10-12
Authors: Shiyun Wang, Kexin Xu, Zhen-Hua Lyu
DOI: 10.1007/s42967-026-00620-8

Score-Based Learning with Randomized Quasi-Monte Carlo for High-Dimensional Fokker-Planck Equations
2026-10-1
Authors: Haoyuan Tan, Zhijian He
DOI: 10.1007/s42967-026-00636-0

Chemotaxis Guidance of Random Walkers Modeling Self-Wiring of Neural Networks
2026-9-27
Authors: Noah Geltner, Ansgar Jüngel
DOI: 10.1007/s42967-026-00625-3