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Journal Information

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Classification History

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

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Recent Articles

Mathematical and Numerical Studies on Ground States of Trapped Unitary Fermi Gases
2026-11-11 Vol. 86 Issue 6 Pages 2921-2942
Authors: Yongyong Cai, Xinran Ruan, Yanzhi Zhang
DOI: 10.1137/25m1830067

Quantitative Direct Sampling for Initial Acoustic Sources
2026-11-10 Vol. 86 Issue 6 Pages 2825-2847
Authors: Xiaodong Liu, Xianchao Wang
DOI: 10.1137/26m1876096

Bifurcations in a Honeybee-Parasite Interaction Model in Constant and Periodic Environments
2026-11-10 Vol. 86 Issue 6 Pages 2894-2920
Authors: Jicai Huang, Min Lu, Shigui Ruan et al.
DOI: 10.1137/25m1811963

Boundary Integral Equations on Weighted Graphs
2026-11-10 Vol. 86 Issue 6 Pages 2871-2893
Authors: Trent DeGiovanni, Fernando Guevara Vasquez
DOI: 10.1137/25m1786647

A Weakly Nonlinear Theory for Pattern Formation in a Structured Model with Localized Solutions
2026-11-10 Vol. 86 Issue 6 Pages 2797-2824
Authors: Wesley J. M. Ridgway, Mohit P. Dalwadi, Philip Pearce et al.
DOI: 10.1137/25m1814438

Nonlinear Tension Effects on an Infinite Elastic Plate Loaded with a Linear Shear Current
2026-11-10 Vol. 86 Issue 6 Pages 2848-2870
Authors: Yunqi Jiang, Yi Zhu, Emilian Părău et al.
DOI: 10.1137/25m1806235

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2026-10-29 Vol. 86 Issue 5 Pages 2771-2796
Authors: Keith Promislow, Truong Vu, Brian Wetton
DOI: 10.1137/25m1801724

An Optimal Control Approach to Nonlinear Wave Speed Selection in Reaction-Diffusion Equations
2026-10-27 Vol. 86 Issue 5 Pages 2750-2770
Authors: Rebecca M. Crossley, Carles Falcó, Ruth E. Baker
DOI: 10.1137/26m186345x

On the Hierarchy of Scales in Modeling of Weakly Interacting Chains of Atoms
2026-10-22 Vol. 86 Issue 5 Pages 2728-2749
Authors: Dmitry Golovaty, J. Patrick Wilber
DOI: 10.1137/25m1811550

An Age-and-Phase Structured Model of the Malaria Asexual Erythrocytic Replication Cycle
2026-10-22 Vol. 86 Issue 5 Pages 2705-2727
Authors: Zahra Khanzad, Md Afsar Ali, Jane M. Heffernan et al.
DOI: 10.1137/25m1770461