Green Journals

International Approved Journals

Journal Information

Journal Title	Journal of Computational and Nonlinear Dynamics
Publisher	American Society of Mechanical Engineers (ASME)
ISSN	1555-1415
E-ISSN	1555-1423
Database	SCOPUS
Domain	Physical Sciences, Social Sciences

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

An Accurate Ritz Approximation Scheme for Tempered Fractional Variational Models
2026-9-18 Vol. 21 Issue 12
Authors: Divyansh Pandey, Rajesh Kumar Pandey
DOI: 10.1115/1.4072603

A New Perspective on Escape-Time Fractals: M-Iteration With s -Convexity in Complex Sets
2026-9-4 Vol. 21 Issue 12
Authors: Bashir Nawaz, Krzysztof Gdawiec, Kifayat Ullah et al.
DOI: 10.1115/1.4072511

Exact Soliton Solutions of Space–Time Fractional Schrödinger Equations With Kerr and Cubic–Quintic Nonlinearities Via the Sine-Gordon Expansion Method
2026-9-4 Vol. 21 Issue 11
Authors: Md. Tipu Sultan, M. Ali Akbar, Fatma Berna Benli et al.
DOI: 10.1115/1.4072602

Rocking Blocks: Phase Shift Effects Under Sinusoidal Forcing
2026-8-26 Vol. 21 Issue 12
Authors: Fernando Gaibor E, Esther D. Gutiérrez
DOI: 10.1115/1.4072489

Reducing Computational Cost in Long-Term Simulations of Multiscale Cellular Mechanobiology
2026-8-26 Vol. 21 Issue 12
Authors: Md Abu Sina Ibne Albaruni, Manoochehr Rabiei, Michael Cho et al.
DOI: 10.1115/1.4072490

An Integrated Numerical and Machine Learning Feedforward Artificial Neural Network-Levenberg–Marquardt for Solving Variable Fractional Chaotic Attractor Systems With Power Law, Exponential, and Mittag–Leffler Operators
2026-8-24 Vol. 21 Issue 12
Authors: Deepika Khandelwal, Sumit Gupta
DOI: 10.1115/1.4072289

The Caputo-Like Discrete Fractional Video Motion System With Artificial Neural Networks: Chaos, Stabilization, and Synchronization
2026-8-17 Vol. 21 Issue 11
Authors: Souaad Azil, Zaid Odibat, Nabil Shawagfeh
DOI: 10.1115/1.4072409

Optimization Design of Rail Profiles for Improving Wear and Rolling Contact Fatigue Performances on a Small-Radius Curve: A Case Study
2026-8-17 Vol. 21 Issue 11
Authors: Yunfan Yang, Ruichen Wang, Pengfei Liu et al.
DOI: 10.1115/1.4072451

Subcritical Hopf Bifurcation-Based Oscillator for Nonresonant Vibration Stabilization
2026-8-17 Vol. 21 Issue 11
Authors: Dhananjay Tandel, Pankaj Wahi
DOI: 10.1115/1.4072439

Broadband Interband Targeted Energy Transfer in Multiresonators Metamaterials With Vibro-Impact Nonlinearity
2026-7-27 Vol. 21 Issue 11
Authors: Mohammad A. Al-Sheyyab, Mohammad A. Bukhari
DOI: 10.1115/1.4072272