

# CHAOS

## THEORY AND APPLICATIONS IN APPLIED SCIENCES AND ENGINEERING

**Special Issue: Advanced Fractional Mathematics, Fractional Calculus, Algorithms and  
Artificial Intelligence with Applications in Complex Chaotic Systems**

**Editors: Yeliz Karaca, Dumitru Baleanu**



**VOLUME 5, ISSUE 4, DECEMBER 2023 (SPECIAL ISSUE)**

**AN INTERDISCIPLINARY JOURNAL OF NONLINEAR SCIENCE**