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Aims and Scope

The Journal of Innovative Applied Mathematics and Computational Sciences (JI-AMCS) is an online open access, peer-reviewed semiannual international journal published by Abdelhafid Boussouf University Center of Mila, Algeria.

The journal publishes high-quality original research papers from various fields related to applied mathematics, scientific computing, and computer science.

In particular, it publishes original papers in the following areas:

- Differential equations, (ODE's, PDE's, integral equations, difference equations, fractional differential equations)
- Dynamical systems and bifurcation-chaos theory
- Fractional calculus
- Modern control theory and practice
- Operator's theory
- Mathematical physics
- Probability and statistics
- Mathematical optimization
- Mathematical modelling and simulation
- Numerical analysis
- Fuzzy logic and systems
- Lattice theory, number theory and cryptography
- Computer science
- Bioinformatics
- Artificial intelligence
- Pattern recognition

- Computer vision and image processing
- Natural language processing
- Signal processing
- Communication theory and network security

The current issue features five research articles and one review article, contributing to the development of these disciplines.

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