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# **Moma**

**Models, Optimisation and Mathematical Analysis**

# **Journal**

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**2025**

## **Message of MOMA Journal Editor-In-Chief**

This edition presents selected papers belong to three categories: the first research works develops the notion of fractional operators representing Riemann-Liouville, Caputo, Hadamard, and Weyl types. An illustrative example demonstrates the applicability of the main theoretical findings, contributing novel insights to the emerging field of fractional differential inclusions under Hilfer-Katugampola operators.

The second research work develops multivalued criterions of data base applications based on chemistry open an interesting issue to finding solutions in the health domain.

The last research category presents set mathematical models of A.I processing applied to medical diagnosis like SMOTE,KNN algorithm steps, when dealing with DATA trying to balancing, data is processed using machine learning and Deep learning algorithms. This numerical category was ended with federated approaches in order to maintain privacy mechanism.

We would like to express our special gratitude to MOMAJournal reviewers and technical staff and to everyone who has contributed towards the success of this edition.

**Sincerely yours,  
Pr. Mostefa BELARBI**

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This journal concerns both the national and international scientific community and will be primarily focusing on Models and Optimisation of Systems. Systems will be utilized in different applications for example, Web technologies, Information Systems, Decision Systems, Embedded Systems, Control-command Systems and Real-time Systems. Space of journal is also dedicated to mathematical analysis like functional spaces, polynomial computing etc.

## Submissions

Papers are invited with interest on the related areas. Each paper should follow the **IEEE** format with title, author's names, affiliation, email addresses, an up to 150 words abstract, and a two columns with 6 single spaced pages and with font size at 10 pts. All papers are submitted electronically in PDF format and in English language only and be mailed to

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