

FRACT. CALC. APPL. ANAL. (FCAA) – AIMS AND SCOPE

Primary topics of FCAA:

- Fractional Calculus (FC)
- Special Functions and Integral Transforms, *iff* related to FC
- Fractional Order Differential and Integral Equations and Systems
- Mathematical Models of Phenomena, described by the above tools

Secondary topics of Applied Mathematical Analysis, *iff* closely related to FC:

- Algebraic Analysis, Operational and Convolutional Calculi
- Generalized Functions, Harmonic Analysis
- Numerical and Approximation Methods, Computational Procedures and Algorithms, related to the Primary FCAA topics
- Fractional Stochastic Processes
- Fractal and Integral Geometry (*iff* related to FC)

Applications of these techniques to:

- Differential and Integral Equations, Problems of Mathematical Physics
- Control Theory, Mechanics, Probability and Statistics, Finances, Engineering, Biomedicine, etc.

Other contributions:

- *Iff* revealing connections between FC and the above-mentioned topics to model problems of the real physical and social world

Suggested MSC entries:

- 26A33; 33E12, 34A08, 34K37, 35R11, 60G22 (primary)
- 30C45, 30E15, 31B15, 33C60, 33E30, 34A25, 42A45, 42C10, 44A20, 44A35, 44A40, 45E10, 93B60, 93D09, 05C72, etc.

Article Types in FCAA:

Original Papers; Review Papers; Discussion Surveys and Notes; Tutorials; Short Papers; Books Reviews; Archives

FCAA is a hybrid model journal: Basically, there are no APC for authors of publications that will be available to subscribers or pay-per-view. The other option is Open Access for which Springer charges publications fees.

Submissions:

Since 2022, all submissions (in pdf-file) should be sent via: Springer Editorial Manager site, at <https://www.editorialmanager.com/fcaa>. Please, register there as (corresponding) author, fill in all required data and upload (initially) the pdf-file as *Manuscript. Later, if a revision is asked or a final version, all necessary source files should be upload in the L^AT_EX style according to Authors Kit (2022).

Instructions to Authors:

L^AT_EX typesetting is obligatory, use Authors' Kit (2022) with instructions and (new) template. Note that since 2022, the journal is under Springer Nature as publisher, and the Springer style "svjour3" has been chosen and adopted for FCAA articles.