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## ABOUT “FCAA” JOURNAL

The “FCAA” journal, abbreviated as “**Fract. Calc. Appl. Anal.**”, Print ISSN 1311-0454, Electronic ISSN 1314-2224, is a specialized international journal for theory and applications of an important branch of Mathematical Analysis (Calculus), where the differentiations and integrations can be of arbitrary non-integer order. A peer-reviewed journal with high standards guaranteed by the Editorial Board’s list and carefully selected external referees and proven by the recently achieved high values of: Thomson Reuters **Impact Factor (JIF) = 2.974 (2013), 2.245 (2014)**; Scopus **Impact Rang (SJR) = 2.106 (2013), 1.433 (2014)**, launching “FCAA” to top places of the ranking lists for Maths and Appls.

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## AIMS AND SCOPE

### Primary topics of FCAA:

- Fractional Calculus (FC)
- Special Functions and Integral Transforms, 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* 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 (if 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:

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

### Suggested MSC 2010 entries:

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

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- Research Papers
- Survey Papers
- Discussion Surveys and Notes, Short Notes, Open Problems
- Archives (renewal publication of old, hardly accessible or in other languages stuff of significant interest for the journal's audience)
- Reviews on Books, Proceedings, etc.
- Editorial Notes – information for New Books, Recent and Coming Meetings, Anniversaries and other events related to FCAA

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