



CONTENTS OF VOL. 21, No 2 (2018)

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<b>Editorial: FCAA RELATED NEWS, EVENTS AND BOOKS</b> (FCAA–Volume 21–2–2018) .....	267
<b>A. Kubica, M. Yamamoto</b> INITIAL-BOUNDARY VALUE PROBLEMS FOR FRACTIONAL DIFFUSION EQUATIONS WITH TIME-DEPENDENT COEFFICIENTS .....	276
<b>Xiao-Li Ding, J.J. Nieto</b> ANALYTICAL SOLUTIONS FOR MULTI-TERM TIME-SPACE FRACTIONAL PARTIAL DIFFERENTIAL EQUATIONS WITH NONLOCAL DAMPING TERMS .....	312
<b>S. Umarov, F. Daum, K. Nelson</b> FRACTIONAL GENERALIZATIONS OF ZAKAI EQUATION AND SOME SOLUTION METHODS .....	336
<b>G.C. Wu, D. Baleanu</b> STABILITY ANALYSIS OF IMPULSIVE FRACTIONAL DIFFERENCE EQUATIONS .....	354
<b>A.M. Mathai</b> MELLIN CONVOLUTIONS, STATISTICAL DISTRIBUTIONS AND FRACTIONAL CALCULUS .....	376
<b>F.A. Shah, L. Debnath</b> FRACTIONAL WAVELET FRAMES IN $L^2(\mathbb{R})$ .....	399
<b>B. Ahmad, R. Luca</b> EXISTENCE OF SOLUTIONS FOR A SYSTEM OF FRACTIONAL DIFFERENTIAL EQUATIONS WITH COUPLED NONLOCAL BOUNDARY CONDITIONS .....	423

(Continued on back cover page)

CONTENTS, continued:

<b>J.W. Lyons, J.T. Neugebauer</b> TWO POINT FRACTIONAL BOUNDARY VALUE PROBLEMS WITH A FRACTIONAL BOUNDARY CONDITION .....	442
<b>L. Yan, X. Yin</b> LARGE DEVIATION PRINCIPLE FOR A SPACE-TIME FRACTIONAL STOCHASTIC HEAT EQUATION WITH FRACTIONAL NOISE .....	462
<b>D. Karh</b> EXTENSION OF MIKHLIN MULTIPLIER THEOREM TO FRACTIONAL DERIVATIVES AND STABLE PROCESSES .....	486
<b>C.J. Song, Y. Zhang</b> NOETHER SYMMETRY AND CONSERVED QUANTITY FOR FRACTIONAL BIRKHOFFIAN MECHANICS AND ITS APPLICATIONS .....	509
<b>Z.N. Xia, D.J. Wang</b> ASYMPTOTIC BEHAVIOR OF MILD SOLUTIONS FOR NONLINEAR FRACTIONAL DIFFERENCE EQUATIONS .....	527
<b>P.C. Peng, L.Y. Wu, X.X. Ji</b> POSITIVE SOLUTIONS TO NONLINEAR SYSTEMS INVOLVING FULLY NONLINEAR FRACTIONAL OPERATORS .....	552

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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), 2.246 (2015), 2.034 (2016)**, **5-year Impact Factor: 2.359**; Scopus **Impact Rang (SJR) = 2.106 (2013), 1.433 (2014), 1.602 (2015)**, **CiteScore 2016: 2.18**; these have launched “FCAA” to top 10 places in the TR ranking lists for Maths and Appl. Maths.

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## 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 (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:

- *Iff* 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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