EDITORIAL

FCAA RELATED NEWS, EVENTS AND BOOKS (FCAA–VOLUME 21–3–2018)

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Dear readers,

in the Editorial Notes we announce news for our journal, anniversaries, information on international meetings, events, new books, etc. related to the *FCAA* (“Fractional Calculus and Applied Analysis”) areas.

All these Notes are published online with free open access, at <https://www.degruyter.com/view/j/fca>.

1. News ! – FCAA data is Scopus for 2017

Recently announced at Scopus (Elsevier), <https://www.scimagojr.com/journalsearch.php?q=19900193539&tip=sid&clean=0>, new data for *Fract. Calc. Appl. Anal.* for year 2017:
CiteScore 2017: 3.06, H index: 30, Quartiles: Q1,
SCImago Journal Rank (SJR) 2017: 1.967,
Source Normalized Impact per Paper (SNIP) 2017: 1.954.

2. Calendar of FC Related Meetings

For some events in 2018, see information in previous Editorial Notes:
FCAA-Vol. 21-No 1-2018, at <https://www.degruyter.com/view/j/fca.2018.21.issue-1/fca-2018-0001/fca-2018-0001.xml?format=INT>;
FCAA-Vol. 21-No 2-2018, at <https://www.degruyter.com/view/j/fca.2018.21.issue-2/fca-2018-0017/fca-2018-0017.xml?format=INT>.

3. New Books

Vladimir Uchaikin, Renat Sibatov, *Fractional Kinetics in Space. Anomalous Transport Models.* World Scientific, Jan. 2018, 300 pp., ISBN: 978-981-3225-42-8 (hardcover), ISBN: 978-981-3225-44-2 (ebook).

Details: <https://www.worldscientific.com/worldscibooks/10.1142/10581>.

Book Description: This book is first of its kind describing a new direction in modeling processes taking place in interplanetary and interstellar space (magnetic fields, plasma, cosmic rays, etc.). This method is based on

a special mathematical analysis fractional calculus. The reader will find in this book clear physical explanation of the fractional approach and will become familiar with basic rules in this calculus and main results obtained in frame of this approach. In spite of its profound subject, the book is not overloaded by mathematical details. It contains many illustrations, rich citation and remains accessible to a wide circle of physicists.

This book is addressed to graduate and postgraduate students, young and mature researchers specializing in applications of fractional calculus, astrophysics, solar-terrestrial science and physics of cosmic rays.

Contents: – Overview, – Mathematical Prelude, – Nonlocal Diffusion Models in Hydrodynamics, – Interstellar Medium, – Solar System Scales, – From Classic to Fractional Models of Cosmic Ray Transport, – Acceleration of Cosmic Rays, – Nonlocal Relativistic Diffusion Model, – Cosmological Scales, – Conclusion: Invitation to Fractional Cosmology, – Bibliography.

Readership: Graduate and postgraduate students, researchers specializing in applications of fractional calculus, astrophysics, solar-terrestrial science and physics of cosmic rays.

Piotr Ostalczyk, Dominik Sankowski, Jacek Nowakowski (Eds.), *Non-Integer Order Calculus and its Applications* (Proc. 9th International Conference on Non-Integer Order Calculus and Its Applications, Łódź, Poland). Springer, Cham, Ser. LNEE Vol. **496**, 2019, 229 pp., Print ISBN: 978-3-319-78457-1, Online ISBN 978-3-319-78458-8; DOI: 10.1007/978-3-319-78458-8.

Details: <https://link.springer.com/book/10.1007/978-3-319-78458-8>.

Book Description: The book includes papers presented at 9th International Conference on Non-integer Order Calculus and Its Applications - 2017 (RRNR 2017), as one of all RRNR Conferences hold in Poland.

The stuff is divided into three parts, focused on: – Mathematical foundations (7 papers), – Fractional systems analysis and synthesis (12 papers), – System modeling (3 papers).

It is a useful resource for fractional calculus scientific community.

The Contents is available at:

<https://link.springer.com/book/10.1007/978-3-319-78458-8#toc>.

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