

List of publications

Names of the participating team members underlined

I. Published peer-reviewed journal articles and book chapters

1. S. Albeverio, Yu. Kondratiev, R. Nikiforov, G. Torbin, (2014) On fractal properties of non-normal numbers with respect to Rényi f-expansions generated by piecewise linear functions, *Bulletin des Sciences Mathématiques*, DOI: [10.1016/j.bulsci.2013.10.005](https://doi.org/10.1016/j.bulsci.2013.10.005)
2. S. Albeverio, Yu. Kondratiev, R. Nikiforov, G. Torbin, (2016) On new fractal phenomena connected with infinite linear IFS, *Mathematische Nachrichten*, DOI: [10.1002/mana.201500471](https://doi.org/10.1002/mana.201500471)
3. S. Albeverio, I. Garko, M. Ibragim, G. Torbin (2016) Non-normal numbers: Full Hausdorff dimensionality vs zero dimensionality, *Bulletin des Sciences Mathématiques*, DOI: <http://dx.doi.org/10.1016/j.bulsci.2016.04.001>
4. S. Albeverio, Yu. Kulyba, M. Pratsiovytyi, G. Torbin, (2015) On singularity and fine spectral structure of random continued fractions, *Mathematische Nachrichten*, DOI: [10.1002/mana.201500045](https://doi.org/10.1002/mana.201500045)
5. J. Baranska and Yu. Kozitsky, (2015) Free jump dynamics in continuum, in: Complex Analysis and Dynamical Systems VI, *Contemporary Mathematics*, DOI: <http://dx.doi.org/10.1090/conm/653/13175>
6. J. Baranska and Yu. Kozitsky, (2016) A Widom–Rowlinson Jump dynamics in the continuum, *Journal of Dynamics and Differential Equations*, DOI: [10.1007/s10884-016-9565-z](https://doi.org/10.1007/s10884-016-9565-z)
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9. F. Bracci, M. Levenshtein, S. Reich, D. Shoikhet, (2016) Growth estimates for the numerical range of holomorphic mappings and applications, *Computational Methods and Function Theory*, DOI: [10.1007/s40315-015-0155-6](https://doi.org/10.1007/s40315-015-0155-6)
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11. M. Brakalova, I. Markina, A. Vasil'ev, (2017) Extremal functions for modules of systems of measures, *Journal d'Analyse Mathématique*, DOI: [10.1007/s11854-017-0036-1](https://doi.org/10.1007/s11854-017-0036-1)
12. M. Budzynska, T. Kuczumow and S. Reich, (2015) Limiting behavior of the Kobayashi distance, *Taiwanese Journal of Mathematics*, DOI: [10.11650/tjm.19.2015.4719](https://doi.org/10.11650/tjm.19.2015.4719)
13. M. Budzynska, T. Kuczumow and S. Reich, (2016) The Wolff-Denjoy iteration property in complex Banach spaces, *Journal of Nonlinear and Convex Analysis*, available at: <http://www.ybook.co.jp/online2/opjnca/vol17/p1213.html>
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38. D. Finkelshtein, Yu. Kondratiev, O. Kutoviy, M. J. Oliveira, (2015) Dynamical Widom–Rowlinson Model and Its Mesoscopic Limit, *Journal of Statistical Physics*, DOI: [10.1007/s10955-014-1124-6](https://doi.org/10.1007/s10955-014-1124-6)
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