

Editorial board of the Journal of Fractal Geometry

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Analysis and diffusion processes on fractals, Dirichlet forms, heat kernels and functional analysis in (non-smooth) metric measure spaces

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Topology and geometry of attractors and repellers of iterated function systems

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Economics, finance, and multifractal time series

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Potential theory, noncommutative geometry, and connections with fractal geometry; quantum mechanics, functional analysis

Marc-Olivier Coppens, University College London, UK
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Applications of fractals to chemical engineering, chemistry, and statistical physics

Bertrand Duplantier, CEA/Saclay, Gif-sur-Yvette, France
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Fractals in statistical and theoretical physics, multifractal measures and scaling exponents, random fractals and SLE, self-avoiding random walks, Liouville and discrete quantum gravity

Kenneth Falconer, University of St Andrews, Scotland, UK
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Self-similarity (broadly interpreted), iterated function systems, geometric measure theory and geometric properties of fractals, fractal and multifractal measures, fractal dimensions, random fractal constructions and fractal stochastic processes

De-Jun Feng, The Chinese University of Hong Kong, Hong Kong
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Dimension theory of iterated function systems, multifractal analysis, affine embeddings of fractal sets, ergodic theory and thermodynamic formalism

Jonathan M. Fraser, University of St Andrews, Scotland, UK
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Dimension theory (especially Hausdorff, box, packing, Assouad and Fourier dimensions), dynamically generated fractals (including attractors of iterated function systems), and geometric measure theory (including geometry of projections and distance sets)

Anton Gorodetski, University of California, Irvine, USA
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Smooth dynamical systems, hyperbolic and partially hyperbolic dynamics, dynamically defined fractals and their properties, spectral theory of quasicrystals

Ben Hambly, University of Oxford, UK
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Probability and stochastic processes, random fractals, analysis and diffusion on fractals

Michael Hochman, Hebrew University of Jerusalem, Israel
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Self-similar sets and measures, dimension and absolute continuity, projections and intersections; local theory of fractals, including tangent measures and scenery flow. Connections with additive combinatorics, ergodic theory, equidistribution

Stéphane Jaffard, Université Paris-Est Créteil Val de Marne, France
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Wavelets, harmonic analysis, Fourier series, self-similar functions, multifractal analysis, local regularity of functions and distributions, stochastic processes and fields, applications in signal processing

Svetlana Jitomirskaya, University of California, Irvine, USA
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Ergodic Schrödinger operators and quasiperiodic cocycles

Davar Khoshnevisan, University of Utah, Salt Lake City, USA
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Random fractals and stochastic analysis of fractals; random fields and fractals

Jun Kigami, Kyoto University, Japan
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Analysis on fractals

Sarah Koch, University of Michigan, Ann Arbor, USA
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Complex dynamics (in one or several variables), Teichmüller theory, complex analysis

Peter Kuchment, Texas A&M University, College Station, USA
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Quantum graphs, periodic media, photonic crystals

Erez Lieberman Aiden, Baylor College of Medicine and Rice University, Houston, USA
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Space-filling curves, Hausdorff dimension, power laws, scalefree networks, fractals in nature

Russell Lyons, Indiana University, Bloomington, USA
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Probability, graphs, harmonic analysis, geometric group theory

Nikolai Makarov, Caltech, Pasadena, USA
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Fractals in complex analysis

Matilde Marcolli, Caltech, Pasadena, USA
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Fractal geometry and its relations to mathematical physics, especially statistical mechanics, quantum theory, and noncommutative geometry, and relations to number theory and arithmetic geometry

Volodymyr Nekrashevych, Texas A&M University, College Station, USA
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Self-similarity (broadly interpreted), iterated functions systems; dynamical systems, including complex dynamics and symbolic dynamics; operator algebras and noncommutative fractal geometry; self-similar groups and finite automata, quasicrystals, non-archimedean analysis

Mark Pollicott, University of Warwick, Coventry, UK
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Ergodic theory, dynamical systems, thermodynamic formalism

Pablo Shmerkin, Universidad Torcuato Di Tella, Buenos Aires, Argentina
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Geometric properties of (random and deterministic) fractals of dynamical, arithmetic and combinatorial origin. Combinatorial problems in fractal geometry (Kakeya-type sets, etc). Applications of fractal geometry in ergodic theory and analysis. Self-affine sets and thermodynamic formalism

Károly Simon, Budapest University of Technology and Economics, Hungary
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Fractals, dynamical systems, geometric measure theory, complex networks

Alexander Teplyaev, University of Connecticut, Storrs, USA
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Probability theory and stochastic processes, Dirichlet forms, heat kernels, spectral theory, products of random matrices, self-similarity and stochastic self-similarity, mathematical physics on fractal and other non-smooth spaces

Jeremy Tyson, University of Illinois at Urbana-Champaign, USA
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Analysis in metric measure spaces, geometric function theory, sub-Riemannian geometry, iterated function systems

Mariusz Urbanski, University of North Texas, Denton, USA
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Complex dynamics; conformal dynamics, iterated function systems, particularly conformal and similarities

Yang Wang, Hong Kong University of Science and Technology, Hong Kong
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Iterated function systems and anything related to tiling

Martina Zähle, University of Jena, Germany
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Geometry and analysis on fractals, including curvature and geometric integration theory, (S)PDE in metric measure spaces, and their relationships to dynamical systems, potential theory and spectral analysis; stochastic analysis for fractal processes in Euclidean spaces, pathwise approaches via fractional calculus