

## Papers to appear in forthcoming issues

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|--|--|
| Adler, R. L., Nowicki, T.,<br>Świrszcz, G. and Tresser, C.         | Convex dynamics with constant input  |
| Aliste Prieto, J.  | Translation numbers for a class of maps on the dynamical systems arising from quasicrystals in the real line |
| Ashwin, P. and Goetz, A.   | Cone exchange transformations and boundedness of orbits  |
| Austin, T.   | On the norm convergence of non-conventional ergodic averages   |
| Baladi, V. and Smiana, D.  | Alternative proofs of linear response for piecewise expanding unimodal maps                                  |
| Banyaga, A. and Hurtubise, D. E.                                   | The Morse–Bott inequalities via a dynamical systems approach   |
| Barwell, A., Good, C., Knight, R. and Raines, B. E.                | A characterization of $\omega$ -limit sets in shift spaces   |
| Bautista, S. and Morales, C.                                       | A sectional-Anosov connecting lemma  |
| Bayart, F., Costakis, G. and Hadjiloucas, D.                       | Topologically transitive skew-products of operators  |
| Begun, B. and del Junco, A.  | Partitions with independent iterates in random dynamical systems   |
| Bergelson, V. and<br>Håland Knutson, I. J.                         | Weak mixing implies weak mixing of higher orders along tempered functions                                    |
| Bezuglyi, S., Kwiatkowski, J.,<br>Medynets, K. and<br>Solomyak, B. | Invariant measures on stationary Bratteli diagrams   |
| Blokh, A., Buff, X., Chéritat, A. and Oversteegen, L.              | The solar Julia sets of basic quadratic Cremer polynomials   |
| Bonatti, Ch., Gómez-Mont, X. and Vila-Freyer, R.                   | Statistical behaviour of the leaves of Riccati foliations  |
| Bourgain, J., Lindenstrauss, E., Michel, P. and Venkatesh, A.      | Some effective results for $\times a \times b$   |
| Bowen, L.  | Invariant measures on the space of horofunctions of a word hyperbolic group                                  |
| Boyland, P.  | Transitivity of surface dynamics lifted to Abelian covers  |
| Bressaud, X., Durand, F. and Maass, A.                             | On the eigenvalues of finite rank Bratteli–Vershik dynamical systems   |
| Bressaud, X., Hubert, P. and Maass, A.                             | Persistence of wandering intervals in self-similar affine interval exchange transformations                  |
| Breuillard, E.   | Equidistribution of dense subgroups on nilpotent Lie groups  |
| Bruin, H., Demers, M. and Melbourne, I.                            | Existence and convergence properties of physical measures for certain dynamical systems with holes           |

- Buzzi, J. Maximal entropy measures for piecewise affine surface homeomorphisms
- Calegari, D. and Fujiwara, K. Combable functions, quasimorphisms, and the central limit theorem
- Calta, K. and Wortman, K. On unipotent flows in  $\mathcal{H}(1, 1)$
- Carvalho, A. N., Langa, J. A. and Robinson, J. C. Lower semicontinuity of attractors for non-autonomous dynamical systems
- Cellarosi, F. Renewal-type limit theorem for continued fractions with even partial quotients
- Cornea, O., de Rezende, K. A. and da Silveira, M. R. Spectral sequences in Conley's theory
- Cuny, C. The a.s. convergence of the one-sided ergodic Hilbert transform
- de la Llave, R. and Windsor, A. Livšic theorems for non-commutative groups including diffeomorphism groups and results on the existence of conformal structures for Anosov systems
- Demers, M. F. Functional norms for Young towers
- Díaz, L. J. and Gorodetski, A. Non-hyperbolic ergodic measures for non-hyperbolic homoclinic classes
- Dooley, A. H. and Golodets, V. Ya. The geometric dimension of an equivalence relation and finite extensions of countable groups
- dos Santos, N. M. and Urzúa-Luz, R. Minimal homeomorphisms on low-dimension tori
- Durieu, O. and Volný, D. On sums of indicator functions in dynamical systems
- Dutkay, D. E., Jorgensen, P. E. T. and Picioroaga, G. Unitary representations of wavelet groups and encoding of iterated function systems in solenoids
- Einsiedler, M. and Fish, A. Rigidity of measures invariant under the action of a multiplicative semigroup of polynomial growth on  $\mathbb{T}$
- Elekes, M., Keleti, T. and Máthé, A. Self-similar and self-affine sets; measure of the intersection of two copies
- Faller, B. and Pfister, C.-E. A point is normal for almost all maps  $\beta x + \alpha \pmod{1}$  or generalized  $\beta$ -transformations
- Frantzikinakis, N., Johnson, M., Lesigne, E. and Wierdl, M. Powers of sequences and convergence of ergodic averages
- Froyland, G., Lloyd, S. and Quas, A. Coherent structures and isolated spectrum for Perron–Frobenius cocycles
- Gentile, G. Quasi-periodic motions in strongly dissipative forced systems
- Gogolev, A. On diffeomorphisms Hölder conjugate to Anosov ones
- Góra, P. Invariant densities for piecewise linear maps of the unit interval
- Guilloux, A. A brief remark on orbits of  $SL(2, \mathbb{Z})$  in the euclidean plane
- Gupta, C. Extreme value distributions for some classes of non-uniformly partially hyperbolic dynamical systems
- Hayashi, S. An extension of the ergodic closing lemma

- Hochman, M. On the automorphism groups of multidimensional shifts of finite type
- Huang, W., Ye, X. and Zhang, G. Lowering topological entropy over subsets
- Iommi, G. Multifractal analysis of Lyapunov exponent for the backward continued fraction map
- Ito, H. Birkhoff normalization and superintegrability of Hamiltonian systems
- Ji, L. and Weber, A. Dynamics of the heat semigroup on symmetric spaces
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- Kennedy, J., Raines, B. E. and Stockman, D. R. Basins of measures on inverse limit spaces for the induced homeomorphism
- Kittrell, J. and Tsankov, T. Topological properties of full groups
- Koch, H. and Kocić, S. A renormalization group approach to quasiperiodic motion with Brjuno frequencies
- Kohlenbach, U. and Leuştean, L. A quantitative mean ergodic theorem for uniformly convex Banach spaces
- Larsen, N. S. Crossed products by abelian semigroups via transfer operators
- Leibman, A. Multiple polynomial correlation sequences and nilsequences
- Leplaideur, R. and Rios, I. On  $t$ -conformal measures and Hausdorff dimension for a family of non-uniformly hyperbolic horseshoes
- Levin, G. and Świątek, G. Measure of the Julia set of the Feigenbaum map with infinite criticality
- Li, S. and Shen, W. An improved real  $C^k$  Koebe principle
- Liu, C. Strong bounded operators for ergodic averages and Lebesgue derivatives
- Lohrmann, P. Normalisation holomorphe de structures de Poisson
- Łuczak, A. The eigenvectors of semigroups of positive maps on von Neumann algebras
- Melbourne, I., Niţică, V. and Török, A. Transitivity of Euclidean-type extensions of hyperbolic systems
- Morris, I. D. The Mañé–Conze–Guivarc’h lemma for intermittent maps of the circle
- Nayak, T. and Prasad, M. G. P. Iteration of certain meromorphic functions with unbounded singular values
- Nogueira, A. Lattice orbit distribution on  $\mathbb{R}^2$
- Olivier, E. Uniqueness of the measure with full dimension on sofic affine-invariant subsets of the 2-torus
- Osipenko, G. Symbolic image and invariant measures of dynamical systems
- Pask, D., Raeburn, I. and Weaver, N. A. A family of 2-graphs arising from two-dimensional subshifts

- Patrão, M. Entropy and its variational principle for noncompact metric spaces
- Pikuła, R. Enveloping semigroups of unipotent affine transformations of the torus
- Pivato, M. and Yassawi, R. Embedding Bratteli–Vershik systems in cellular automata
- Pries, C. Equicontinuous geodesic flows
- Qiao, J., Yin, Y. and Gao, J. Feigenbaum Julia sets of singularities of free energy
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- Sun, P. Zero entropy invariant measures for skew product diffeomorphisms
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- Tsukamoto, M. Deformation of Brody curves and mean dimension
- Wang, X. and Zhang, G. Constructing ergodic exponential maps with dense post-singular orbits
- Yarmola, T. Degenerate random perturbations of Anosov diffeomorphisms
- Yokoyama, T. Fixed points of certain Anosov maps on Riemannian manifolds
- Zaïmi, T. On numbers having finite beta-expansions
- Zhu, Y., Li, Z. and Li, X. Preimage pressure for random transformations

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[4] N. Dunford and J. T. Schwartz. *Linear Operators*. Part I. Wiley, New York, 1958.

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[6] J. E. Littlewood. The 'pits effect' for functions in the unit circle. *J. Analyse Math.* **23** (1970), 236–268.

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# *Ergodic theory and dynamical systems*

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