

REFERENCES

- [1] H. Akter, M. Urbański, Real Analyticity of Hausdorff Dimension of Julia Sets of Parabolic Polynomials $f_\lambda(z) = z(1 - z - \lambda z^2)$, Illinois Journal of Math. 55 (2011), 157–184.
- [2] J. Atnip, H. Sumi, M. Urbański, The Dynamics and Geometry of Semi-Hyperbolic Rational Semigroups, To appear in Memoirs of AMS. 156 pages.
- [3] K. Barański, Hausdorff dimension and measures on Julia sets of some meromorphic maps, Fund. Math. 147 (1995), 239–260.
- [4] K. Barański, B. Karpińska, A. Zdunik, Bowen’s formula for meromorphic functions, Ergod. Th. Dynam. Systems 32 (2012), 1165–1189.
- [5] F. Bianchi, T. C. Dinh, Journal de Mathématiques Pures et Appliquées (to appear)
- [6] R. Bowen, Equilibrium States and the Ergodic Theory of Anosov Diffeomorphisms. Lect. Notes in Math., vol. 470. Springer (1975).
- [7] R. Bowen, Hausdorff dimension of quasi-circles. Publ. Math. Inst. Hautes Études Sci. 50, 11–25 (1979).
- [8] V. Chousionis, D. Leykekhman, M. Urbański, Dimension Spectrum of Conformal Graph Directed Markov Systems. Selecta Mathematica, 25 (2019).
- [9] V. Chousionis, D. Leykekhman, M. Urbański, On the dimension spectrum of infinite subsystems of continued fractions. Transactions of AMS, 373 (2020), 1009–1042.
- [10] M. Denker, M. Urbański, On the existence of conformal measures, Transactions AMS 328 (1991), 563–587.
- [11] M. Denker, M. Urbański, Ergodic theory of equilibrium states for rational maps, Nonlinearity 4 (1991), 103–134.
- [12] M. Denker, M. Urbański, On Sullivan’s conformal measures for rational maps of the Riemann sphere, Nonlinearity 4 (1991), 365–384.
- [13] M. Denker, M. Urbański, Geometric measures for parabolic rational maps, Ergod. Th. and Dynam. Sys. 12 (1992), 53–66.
- [14] M. Denker, F. Przytycki, M. Urbański, On the transfer operator for rational functions on the Riemann sphere, Ergod. Th. and Dynam. Sys. 16 (1996), 255–266.
- [15] M. I. Gordin, The central limit theorem for stationary processes. Dokl. Akad. Nauk SSSR 188, 1174–1176 (1969).
- [16] S. Gouezel, Almost sure invariance principle for dynamical systems by spectral methods. Ann. Probab. 38, 1639–1671 (2010).
- [17] D. Hensley, Continued fraction Cantor sets, Hausdorff dimension, and functional analysis, J. Number Th. (1992), 40, 336–358.
- [18] O. Jenkinson, M. Pollicott, Rigorous effective bounds on the Hausdorff dimension of continued fraction Cantor sets: A hundred decimal digits for the dimension of E2. Adv. Math. 325 (2018), 87–115.
- [19] V. Kontorovich, H. Oh, Apollonian Circle Packings and Closed Horospheres on Hyperbolic 3-Manifolds, Journal of AMS 24 (2011), 603–648.
- [20] J. Kotus, M. Urbański, Conformal, Geometric and invariant measures for transcendental expanding functions, Math. Annalen, 324 (2002), 619–656.
- [21] J. Kotus, M. Urbański, Hausdorff dimension and Hausdorff measures of Julia sets of elliptic functions, Bull. London Math. Soc. 35 (2003), 269–275.

- [22] J. Kotus, M. Urbański, The dynamics and geometry of the Fatou functions, *Discrete & Continuous Dynam. Sys.* 13 (2005), 291–338.
- [23] J. Kotus, M. Urbański, *Meromorphic Dynamics, Volume 1: Abstract Ergodic Theory, Geometry, Graph Directed Markov Systems, and Conformal Measures*, to appear in the Cambridge University Press (2023).
- [24] J. Kotus, M. Urbański, *Meromorphic Dynamics, Volume 2: Elliptic Functions with an Introduction to the Dynamics of Meromorphic Functions*, to appear in the Cambridge University Press (2023).
- [25] . Lalley, Renewal theorems in symbolic dynamics, with applications to geodesic flows, noneuclidean tesselations and their fractal limits, *Acta. Math.* 163 (1989), 1–55.
- [26] A. Lasota, J. A. Yorke, On the existence of invariant measures for piecewise monotonic transformations. *Trans. AMS* 186, 481–488 (1973).
- [27] D. Mauldin, M. Urbański, Dimensions and measures in infinite iterated function systems, *Proc. London Math. Soc.* (3) 73 (1996) 105–154.
- [28] D. Mauldin, M. Urbański, Conformal iterated function systems with applications to the geometry of continued fractions, *Transactions of AMS* 351 (1999), 4995–5025.
- [29] D. Mauldin, M. Urbański, Gibbs states on the symbolic space over an infinite alphabet, *Israel. J. of Math.*, 125 (2001), 93–130.
- [30] D. Mauldin, M. Urbański, *Graph Directed Markov Systems: Geometry and Dynamics of Limit Sets*, Cambridge University Press (2003).
- [31] V. Mayer, M. Urbański, Geometric Thermodynamical Formalism and Real Analyticity for Meromorphic Functions of Finite Order, *Ergod. Th. & Dynam. Sys.* 28 (2008), 915 – 946.
- [32] V. Mayer, M. Urbański, Thermodynamical Formalism and Multifractal Analysis for Meromorphic Functions of Finite Order, *Memoirs of AMS.* 203 (2010), no. 954.
- [33] V. Mayer, M. Urbański, Thermodynamical formalism for entire functions and integral means spectrum of asymptotic tracts, *Transactions of AMS* 373 (2020), 7669—7711.
- [34] V. Mayer, A. Zdunik, The failure of Ruelle’s property for entire functions, *Advances in Math.*, 384:107723, 2021.
- [35] S. Munday, M. Roy, M. Urbański, *Non-Invertible Dynamical Systems, Volume 1: Ergodic Theory - Finite and Infinite, Thermodynamic Formalism, Symbolic Dynamics and Distance Expanding Maps*, De Gruyter (2022).
- [36] S. Munday, M. Roy, M. Urbański, *Non-Invertible Dynamical Systems, Volume 2: Finer Thermodynamic Formalism–Distance Expanding Maps and Countable State Subshifts of Finite Type, Conformal GDMSSs, Lasota–Yorke Maps, and Fractal Geometry*, S. Munday, M. Roy, M. Urbański, De Gruyter (2022).
- [37] S. Munday, M. Roy, M. Urbański, *Non-Invertible Dynamical Systems, Volume 3: Analytic Endomorphisms of the Riemann sphere*, to appear De Gruyter.
- [38] S. J. Patterson, The limit set of a Fuchsian group, *Acta Math.* 136, 241–273 (1976).
- [39] M. Pollicott, M. Urbański, Asymptotic Counting in Conformal Dynamical Systems, *Memoirs of AMS*, Volume 271, Number 1327 (2021), 1–139.
- [40] . Przytycki, On the Perron-Frobenius-Ruelle operator for rational maps on the Riemann sphere and for Hölder continuous functions, *Bol. Soc. Bras. Mat.* 20 (2), 95–125 (1990).

- [41] F. Przytycki, M. Urbański, *Conformal Fractals — Ergodic Theory Methods*, Cambridge University Press (2010).
- [42] D. Ruelle, *Statistical Mechanics. Rigorous Results*. Benjamin, New York (1969).
- [43] D. Ruelle, Statistical mechanics on a compact set with \mathbb{Z}^v action satisfying expansiveness and specification. *Bull. Amer. Math. Soc.* 78, 988–991 (1972).
- [44] D. Ruelle, Thermodynamic formalism. *Encyclopedia of Math. and Appl.*, vol. 5. Addison-Wesley (1976).
- [45] M. Rychlik, Bounded variation and invariant measures, *Studia Math.* 76, 69–80 (1983).
- [46] B. Stratmann, M. Urbański, Real analyticity of topological pressure for parabolically semihyperbolic generalized polynomial-like maps, *Indag. Mathem.* 14 (2003), 119–134.
- [47] D. Sullivan, Seminar on conformal and hyperbolic geometry, Preprint IHES (1982).
- [48] D. Sullivan, Conformal dynamical systems. In: *Geometric dynamics*, Lect. Notes in Math. 1007, 725–752, Springer Verlag (1983).
- [49] D. Sullivan, Entropy, Hausdorff measures old and new, and the limit set of geometrically finite Kleinian groups, *Acta. Math.* 153, 259–277 (1984).
- [50] S. J. Taylor, C. Tricot, Packing measure, and its evaluation for a Brownian path. *Trans. AMS* 288, 679–699 (1985).
- [51] C. Tricot, Two definitions of fractional dimension. *Math. Proc. Cambridge Philos. Soc.* 91, 57–74 (1982).
- [52] A. Zdunik, M. Urbański, The finer geometry and dynamics of exponential family, *Michigan Math. J.* 51 (2003), 227–250.
- [53] A. Zdunik, M. Urbański, Real analyticity of Hausdorff dimension of finer Julia sets of exponential family, *Ergod. Th. & Dynam. Sys.* 24 (2004), 279–315.
- [54] A. Zdunik, M. Urbański, Geometry and ergodic theory of non-hyperbolic exponential maps, *Transactions of AMS*, 359 (2007), 3973–3997.
- [55] A. Zdunik, M. Urbański, Equilibrium Measures for Holomorphic Endomorphisms of Complex Projective Spaces, *Fundamenta Math.* 220 (2013), 23–69.
- [56] A. Zdunik, M. Urbański, Continuity of the Hausdorff Measure of Continued Fractions and Countable Alphabet Iterated Function Systems, *Journal de Theorie des Nombres de Bordeaux* 28 (2016), 261–286.