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Publications

Preprints

1. A duality principle for the neighbourhood of manifolds and applications to counting rational points near curves. arXiv:2610.23797, October 2026.

Published

2. The dimension of random subsets of self-similar sets generated by branching random walk (with P. Allaart). *Annales Fennici Mathematici*, May 2026.
3. On absolute continuity and maximal Garsia entropy for self-similar measures with algebraic contraction ratio. *Mathematical Proceedings of the Cambridge Philosophical Society*, January 2026.
4. On equidistribution of polynomial sequences in quotients of $\mathrm{PSL}_2(\mathbb{R})$. *Ergodic Theory and Dynamical Systems*, October 2025.
5. Non-concentration of primes in $\Gamma\backslash\mathrm{PSL}_2(\mathbb{R})$. *Israel Journal of Mathematics*, March 2025.
6. Low-degree learning and the metric entropy of polynomials (with A. Eskenazis and P. Ivanisvili). *Discrete Analysis*, November 2023.