



Aperiodic Sequences and Aperiodic Geodesics

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We introduce a quantitative condition on orbits of dynamical systems which measures their aperiodicity. We show the existence of sequences in the Bernoulli-shift and geodesics on closed hyperbolic manifolds which are as aperiodic as possible with respect to this condition.

Subjects: **Dynamical Systems (math.DS)**; Differential Geometry (math.DG); Metric Geometry (math.MG)

MSC classes: 37B10, 53D25, 37D40

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