

Sullivan, Dennis

Discrete conformal groups and measurable dynamics. (English) Zbl 0489.58027
Bull. Am. Math. Soc., New Ser. 6, 57-73 (1982).

For a scan of this review see the [web version](#).

MSC:

- 30F40 Kleinian groups (aspects of compact Riemann surfaces and uniformization)
- 28D05 Measure-preserving transformations
- 54F45 Dimension theory in general topology
- 30F15 Harmonic functions on Riemann surfaces
- 37D40 Dynamical systems of geometric origin and hyperbolicity (geodesic and horocycle flows, etc.)
- 53D25 Geodesic flows in symplectic geometry and contact geometry
- 54H20 Topological dynamics (MSC2010)
- 53C30 Differential geometry of homogeneous manifolds
- 53C22 Geodesics in global differential geometry

Cited in **8** Reviews
Cited in **58** Documents

Keywords:

discrete groups of isometries of hyperbolic space; measurable dynamics; diophantine approximations; transience or ergodicity of the geodesic flow; existence of a Green's function; recurrence of random motion; Poincaré series; conformal measures; Mostow rigidity theorem; dynamical properties of the group action on the sphere at infinity; conformal equivalence of groups; critical exponent; Hausdorff dimension of the limit set; spectrum of the hyperbolic Laplacian; entropy

Full Text: [DOI](#)

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