Randol, Burton (1-CCNY)
The behavior under projection of dilating sets in a covering space.

Author summary: “Let $M$ be a compact Riemannian manifold with covering space $S$ and suppose $d\mu_r$ ($0 < r < \infty$) is a family of Borel probability measures on $S$, all of which arise from some fixed measure by $r$-homotheties of $S$ about some point, followed by renormalization of the resulting measure. In this paper, we study the ergodic properties, as functions of $r$, of the corresponding family of projected measures on $M$ in the Euclidean and hyperbolic cases. A typical example arises by considering the behavior of a dilating family of spheres under projection.”

_L. A. Santaló_

References


Note: This list reflects references listed in the original paper as accurately as possible with no attempt to correct errors.

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