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Leaves with non-trivial holonomy in laminations.

Hurder and Katok proved that in a Riemannian foliation of codimension n , the subset of leaves with non-trivial linear holonomy has measure zero. A natural topological generalization of a Riemannian foliation is a lamination with a Cantor set transversal with an equicontinuous action of the holonomy pseudogroup. For this class of foliated spaces, we specify the sufficient conditions under which the set of leaves with non-trivial holonomy has measure zero. We also give examples of laminations where the set of leaves with non-trivial holonomy has positive measure. (Received August 24, 2019)