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MR752795 (85h:58100)
Hurder, S. (1-MSRI); **Katok, A.** (1-MSRI)
Secondary classes and transverse measure theory of a foliation.
Bull. Amer. Math. Soc. (N.S.) **11** (1984), *no. 2,* 347–350.
58F11 (46L99 57R30)

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References: 0 Reference Citations: 1 **Review Citations: 0**

From the text: "The purpose of this note is to announce several theorems showing how the secondary classes of a foliation $\mathcal{F}$ of a compact manifold X depend upon the measure-theoretic properties of the equivalence relation determined by the foliation. The relevant properties are: (i) amenability, which is equivalent to hyperfiniteness by Connes-Feldman-Weiss; and (ii) the Murray-von Neumann type."

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