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Title: Integral formulae for codimension-one foliated Randers spaces

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Integral formulae for foliated Riemannian manifolds provide obstructions for existence of foliations or compact leaves of them with given geometric properties. This paper continues our recent study and presents new integral formulae for codimension-one foliated Randers spaces. Our main goal is a generalization of the Reeb formula (that the total mean curvature of the leaves is zero) and its companion with the total second mean curvature. The paper also extends results by Brito, Langevin and Rosenberg (that total mean curvatures of arbitrary order for a codimension-one foliated Riemannian manifold of constant curvature do not depend on a foliation). All of that is done by a comparison of extrinsic and intrinsic curvatures of the two Riemannian structures which arise in a natural way from a given Randers structure.

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