

# SOME ESTIMATES FOR THE PRODUCT OF MODULES OF FOLIATIONS

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Referring to the recent results obtained by A.Romanov for pairs of planar condensers defined by opposite arcs of a curvilinear quadrilateral and then to the pair of foliations defined by the external functions of such condensers, we investigate on which conditions the product of modules of a pair of orthogonal foliations is greater, equal or less than one. We also formulate sufficient conditions that enable us to obtain similar estimates for the product of modules of more than two mutually orthogonal foliations on a Riemannian manifold of any dimension.

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