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Feuilletages holomorphes de codimension un sur les espaces homogènes complexes.

(French. English, French summaries) [Codimension-one holomorphic foliations on complex homogeneous spaces]

Ann. Fac. Sci. Toulouse Math. (6) **5** (1996), *no. 3*, 493–519.

The author gives a very elegant and precise description of the qualitative behaviour of holomorphic foliations of codimension one on complex compact homogeneous spaces. It starts with the classification of such foliations on tori and on Kähler homogeneous manifolds and then proceeds to the general case. It is worth noting that he introduces a complex version of the so-called “tourbillonnement de Reeb”, which was used by M. Brunella in his theorem of classification of holomorphic (non-singular) foliations on compact complex surfaces.

Reviewed by *M. G. Soares*

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