

MR1929331 (2003i:37047) 37F75 (32S65 37F50)

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Fatou and Julia components of transversely holomorphic foliations.

Essays on geometry and related topics, Vol. 1, 2, 287–319, Monogr. Enseign. Math., 38, *Enseignement Math.*, Geneva, 2001.

In this very interesting paper, foliations of real codimension two (admitting a transversal holomorphic structure) on compact manifolds are considered. If \mathcal{F} is such a foliation on the compact manifold M , then a theory is developed, allowing a decomposition of M into dynamically defined components (similar to the Fatou/Julia sets for iteration of rational maps). Examples illustrating this theory are given, some of which are very interesting, e.g., an application to holomorphic foliations on compact complex surfaces.

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