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On dynamical aspects of holomorphic foliations with ample normal bundle

Abstract

I will discuss the following recent result that was conjectured by Brunella: Let X be a compact complex manifold of dimension ≥ 3. Let $\mathcal{F}$ be a codimension one holomorphic foliation on X with ample normal bundle. Then every leaf of $\mathcal{F}$ accumulates to the singular set of $\mathcal{F}$. This result was obtained in collaboration with M. Adachi.