

## Split Distributions on Fano Threefolds.

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**Resumo:** In the study of holomorphic distributions and foliations in complex projective manifolds  $X$ ; algebro-geometric techniques have been used.

A Fano variety is a projective manifold  $X$  such that the anticanonical line bundle is ample. In my Phd thesis, we studied holomorphic distributions of dimension and codimension one on smooth weighted projective complete intersection Fano three-dimensional manifolds, with Picard number equal to one.

The goal of this work is to characterize this distributions whose tangent sheaf and conormal sheaf are arithmetically Cohen Macaulay (aCM), i.e. has no intermediate cohomology. This a joint work with Mauricio Corrêa.

## Referências

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