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Tame Discrete Sets

Let X be a complex manifold. We call a discrete subset  $D \subset X$  to be tame if, by applying a suitable automorphism of X, the counting function  $N_r(D)$  can be made as small as desired.

This generalized the notion of "tameness" for subsets of  $\mathbf{C}^n$  which has been introduced by Rosay and Rudin.

For complex linear algebraic groups with trivial character group we can prove rather strong results on tame discrete sets which parallel those obtained by Rosay and Rudin for the case of a complex vector space.