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Bézout-type theorems for certain analytic sets. (English) Zbl 0947.32002
Bull. Pol. Acad. Sci., Math. 46, No. 3, 277-283 (1998).

The author gives a formula for the total number of intersections of certain analytic subsets of cartesian products of homomorphically separable second-countable complex manifolds, expressing the degree of some 0-dimensional intersection cycle Z_1, \dots, Z_k as product of the multiplicities $\mu(Z_i)$. Best results are given for curves in cartesian products of open subsets of \mathbb{C} .

Reviewer: [M.Roczen \(Berlin\)](#)

MSC:

[32B15](#) Analytic subsets of affine space
[32B99](#) Local analytic geometry

Keywords:

[multiplicity of intersection](#); [convergence of currents](#); [holomorphic chain](#)