

Yano's conjecture

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In 1982, T. Yano [?] proposed a conjecture about the generic b -exponents of an irreducible plane curve singularity. Given any holomorphic function $f : (\mathbb{C}^2, \mathbf{0}) \rightarrow (\mathbb{C}, 0)$ defining an irreducible plane curve, the conjecture gives an explicit formula for the generic b -exponents of the singularity in terms of the characteristic sequence of f . In this talk, we will present a proof of Yano's conjecture.

References

- [1] T. Yano, *Exponents of singularities of plane irreducible curves*, Sci. Rep. Saitama Univ. Ser. **10** (1982), no. 2, 21–28.