



Seminario de Álgebra, Geometría algebraica y Singularidades - ULL
La Laguna, 11 de enero de 2022, 15:30 horas (GMT+0)

Łojasiewicz exponent of rational singularities and ideals in their local ring

Meral Tosun
Galatasary University, Turquía¹

We present a relation between the Łojasiewicz exponent of an ADE-type singularity and the elements of the local ring. Then we extend the notion of Łojasiewicz exponent to surfaces with a rational singularity of higher multiplicity, which are not hypersurfaces.

¹Department of Mathematics
Galatasary University
Estambul, Turquía
mtosun@gsu.edu.tr