

Singularities in Geometry and Topology in honour of Sabir Gusein-Zade with occasion of his 60th birthday.
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Arc spaces and characteristic cycles

Michel Merle ¹

SUMMARY

Denef and Loeser gave a motivic analog of the vanishing cycles of an algebraic function on a smooth variety. We will show how to construct a motivic analog of the characteristic cycle of different objects, such as closed subsets of a smooth variety (work in progress with François Loeser).

¹Université de Nice
Michel.Merle@unice.fr