

Conference: "SINGULAR LANDSCAPES"



ID de Contribution: 4

Type: **Non spécifié**

Sets with few rational points

In the spirit of famous papers by Pila & Bombieri and Pila & Wilkie, I will explain how to bound the number of rational points, with respect to their height, in various kinds of sets, such as algebraic varieties of a given degree, transcendental sets definable in some o-minimal (or even not o-minimal) structure over the real field, and, after joint work with R. Cluckers and F. Loeser, also definable sets in non-archimedean contexts.

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