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Equidistribution for sets which are not necessarily Galois stable: on a theorem of Mignotte

FRANCESCO AMOROSO AND ARNAUD PLESSIS

Abstract. An important result of Bilu deals with the equidistribution of the Galois orbits of a sequence $(\alpha_n)_n$ in $\overline{\mathbb{Q}}^*$. Here, we prove a quantitative equidistribution theorem for a sequence of finite subsets in $\overline{\mathbb{Q}}^*$ which are not necessarily stable by the Galois action. We follow a method of Mignotte.

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