Distribution des points de petite hauteur
dans les groupes multiplicatifs

FRANCESCO AMOROSO – SINNOU DAVID

Abstract. We prove a new lower bound for the height of points on a subvariety V of a multiplicative torus, which lie outside the union of torsion subvarieties of V. Although lower bounds for the heights of these points where already known (decreasing multi-exponential function of the degree for Scmhidt and Bombieri–Zannier, [Sch], [Bo-Za], and inverse monomial in the degree by the second author of this note and P. Philippon, [Da-Phi]), our method proves *up to an ε* the sharpest conjectures that can be formulated.