Ann. Scuola Norm. Sup. Pisa Cl. Sci. (5) Vol. IX (2010), 189-227

Fonctions L p-adiques et irrationalité

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Abstract. We give a minoration of the dimension of the vector space spanned on a cyclotomic field by the values of p-adic Hurwitz zeta function. As a corollary, we obtain the existence of irrationality values of p-adic L functions. The proof uses hypergeometric series and a criterion of linear independence.

Mathematics Subject Classification (2000): 11J72 (primary); 11J61 (secondary).