Title:

t-adic Littlewood conjecture is false

Abstract:

Littlewood conjecture and the p-adic Littlewood are famous open problems in number theoy. Their positive characteristic analogues are well known. In a joint work with Faustin Adiceam and Fred Lunnon we show that the so called t-adic Littlewood is false over $F\_3((1/t))$. Our counter example is concrete, but the proof uses computer. It is based on a generalisation of Dodson's condensation algorithm for computing the determinant of a matrix.