

# Mahler's method in positive characteristic

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A theorem of Nishioka (1991) establishes a connection between the algebraic independence of Mahler functions defined over a number field and the algebraic independence of their values at some algebraic numbers. In this talk, we will describe how it is possible to extend this result to Mahler functions defined over fields of positive characteristic. Our proof is based on a general algebraic independence criterion due to Philippon.

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