

Faculdade de Ciências da Universidade de Lisboa
cmafcio@fc.ul.pt Tel. (+351) 21 750 00 27

SEMINÁRIO DE LÓGICA MATEMÁTICA

Dia 27 de Outubro (sexta-feira), sala 6.2.33, às 16:30

Polynomially bounded C-minimal valued fields

Pablo Cubides Kovacsics
(Université de Caen)

Abstract:

After introducing C-minimal expansions of valued fields, the aim of the talk is to show that every C-minimal valued field having a value group which is \mathbb{Q} -linearly bounded is uniformly polynomially bounded. As a corollary, we obtain that any C-minimal expansion of valued fields like C_p , $\text{Falg}(\mathbb{t}\mathbb{Q})$ and, in general, of any valued field having \mathbb{Q} as its value group, is uniformly polynomially bounded. This is a joint work with Françoise Delon.

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