

SEMINARIO

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Powers are easy to avoid

Abstract: Given a polynomially bounded structure S that defines restricted power functions, we prove that all intermediate structures between S and the expansion $S^{\mathbb{R}}$ of S by all real power functions are of the form S^L where L is an intermediate field between \mathbb{R} and the field of exponents of S . This result can be understood as a polynomially bounded version of a conjecture of van den Dries and Miller. (Joint work with Gareth Jones, Manchester).

**Seminario A-125. Facultad de Ciencias.
10 de Noviembre de 2023 (13:00)
Organiza: GIR ECSING**

