



Instituto Universitario de Investigación
de Matemáticas
y Aplicaciones
Universidad Zaragoza



Departamento de
Matemáticas
Universidad Zaragoza

Seminario de Álgebra

Conferencia

por

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título:

“Generic nilpotent algebras and their gradings”

Abstract:

The talk is based on a joint paper with Alexander Olshanskii accepted in Int. J. Alg. Comp. We introduce the structure of an algebraic variety on a set $V(n,c)$ on n -generated nilpotent of class c algebras in a primitive class V of algebras over an algebraically closed field k . The algebras in the component of the highest dimension are called generic and their properties are called generic. We will mention a number of these properties and also classify all grading by abelian groups on generic algebras.

Fecha: Jueves, 9 de enero de 2025

Hora: 12:00 horas

Lugar: Seminario de Álgebra, Edificio de Matemáticas, 2ª planta