
CURSO DE DOCTORADO

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An Introductory Course on Evolution Algebras

Abstract:

Lecture 1 (Tuesday, 19th May, 13h-14h): Introduction to nonassociative algebras and basic definitions of evolution algebras. Structure of evolution algebras and examples. Algebraic properties of evolution algebras.

Lecture 2 (Wednesday, 20th May, 13-14h): Classification of low-dimensional evolution algebras and discussion of isomorphism classes with illustrative examples. Linear operators of evolution algebras, including derivations and automorphisms.

Lecture 3 (Thursday, 21st May, 13h-14h): Introduction to Rota-Baxter operators on evolution algebras. A review of selected recent results.

**Seminario 122, Facultad de Ciencias
Martes 19 de Mayo de 2026 (13:00)**

