

Evolution algebras

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Descrição da proposta de sessão paralela: Evolution algebras are a new class of commutative non-associative algebras whose idea comes from non-Mendelian genetics. In the recent years, such algebras have attracted the interest of both applied and pure mathematicians which made them a popular research topic. In this session, we consider some classification problems for evolution algebras and their connection with other non-associative algebras.

Orador 1 - Antonio Viruel (University of Málaga, Spain)

Every finite dimensional commutative algebra is a subalgebra of an evolution algebra

Orador 2 - Cristina Costoya (University of Santiago de Compostela, Spain)

Classification of idempotent evolution algebras via automorphism groups

Orador 3 - Andrés Pérez Rodríguez (University of Santiago de Compostela, Spain)

On the subalgebra lattice of evolution algebras