

Seminário/talk

18/02/2022 | 15h

Local: Sala 6.18 (Bloco VI)

On the classification of Evolution algebras

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Resumo/Abstract:

Given a non-degenerate evolution algebra, there is a unique decomposition as a sum of evolution subspaces. Changes of the natural basis preserve this decomposition, so we can define some invariants that allow us to reduce the problem of classifying non-degenerate evolution algebras of dimension n . Using these invariants, a classification up to isomorphisms of the non-degenerate evolution algebras of dimensions 2 and 3 has been obtained.