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Departamento de
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Universidad Zaragoza

Seminario de Álgebra

Conferencia

por

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título:

“On the Σ -invariants of wreath products”

Abstract: The Σ -invariants of groups, also called BNS or BNSR-invariants, are some mysterious geometric objects that contain a lot of information on the inheritance of finiteness properties by subgroups. It is usually a very hard task to describe the invariants for any specific class of groups. We will discuss the low dimensional invariants of (restricted permutational) wreath products of groups. By low dimensional we mean the invariants related to the inheritance of infinite generation and finite presentability. The results may be applied to the study of the Reidemeister number of automorphisms of wreath products in some specific cases.

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