

INSTITUTUL DE MATEMATICA “SIMION STOILOW” AL ACADEMIEI ROMANE

Seminarul de Geometrie Algebrică
Seminarul de Algebră Comutativă “Nicolae Radu”

Koszul modules

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Joi 14 iunie 2018, ora 10:15, IMAR, Amfiteatrul Miron Nicolescu

Abstract: I will discuss the basic theory of Koszul modules, which were originally introduced by Papadima and Suciu as a tool to study topological invariants of groups. Despite their elementary definition, Koszul modules have a rich structure and a number of important applications, which I plan to describe in my talk (Joint work with M. Aprodu, G. Farkas, S. Papadima, and J. Weyman).