

Conchita Martínez Pérez

Sigma invariants and Artin groups

Universidad de Zaragoza

Sigma invariants are geometric invariants associated to a finitely generated group that can be used to determine the homological and homotopical finiteness properties of coabelian subgroups. The Sigma invariants for right angled Artin groups have been computed by Meier, Meinert and VanWyck. Their computation has been partially generalized to Artin groups but still is open in general, even for the first invariant Σ^1 . In this talk we will review some recent joint work with Marcos Escartín in this direction.