

Speaker: Miguel Calderón

Title: Ideals of some Green biset functors

Abstract: In this talk, we describe the lattice of ideals of some Green biset functors. We consider Green biset functors which satisfy that each evaluation is a split semisimple commutative algebra and use the idempotents in these evaluations to characterize any ideal of these Green biset functors. For this we will give the definition of *MC*-group, this definition generalizes that of a *B*-group, give for the Burnside functor. Given a Green biset functor *A*, with the above hypotheses, the set of all *MC*-groups of *A* has a structure of a poset and we prove that there exists an isomorphism of lattices between the set of ideals of *A* and the set of upward closed subsets of the *MC*-groups of *A*, and we compared this characteristics of the ideals with some classic examples of Green biset functor.