

# NON-SEMI-ABELIAN SPLIT EXTENSIONS IN CATEGORICAL ALGEBRA

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Various results of protomodular and semi-abelian algebra of split extensions have been recently generalized in a way that allows one to apply them to the category of monoids, semirings and other algebraic structures. In particular, the so-called Schreier split extensions of monoids have been re-introduced and studied categorically. The purpose of the talk will be to discuss this and briefly indicate a further step of generalization, from monoids to unitary magmas.

First part is joint work with D. Bourn, N. Martins-Ferreira and A. Montoli and the second one with M. Gran and G. Janelidze.

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