

SEMIDIRECT PRODUCTS AND INTERNAL STRUCTURES IN MONOIDS WITH OPERATIONS

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The aim of the talk is to give an overview of recent results concerning actions and internal structures in categories of monoids with operations [3, 1, 2]. In these categories, actions turn out to be equivalent to the so-called *Schreier split epimorphisms*. This equivalence, obtained via a semidirect product construction, allows a description of internal structures which is similar to the one already known for Mal'tsev categories.

REFERENCES

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