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Some Results on Derivation Groups



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 [Keywords](#)
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Abstract: In this paper we describe a share package XMOD of functions for computing with finite, permutation crossed modules, their morphisms and derivations; cat^1 -groups, their morphisms and their sections, written using the GAP `\cite{GAP}` group theory programming language. We also give some mathematical results for derivations. These results are suggested by the output produced by the XMOD package.



Key Words: Crossed modules, derivation, whitehead multiplication.

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