SECTIONS IN GAP

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ABSTRACT

In this paper we describe a share package XMOD (Alp, Wensley, 1997) 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 (Schönert, 1993) group theory programming language. We also give the implementation method of sections to the GAP.

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ÖZET

Bu makalede GAP programının ortak paketi XMod (Alp, Wensley, 1997) tanımlamanın yanı sıra Section ların GAP programı-na uygulanması incelenmiştir.

1. Introduction

A starting point for this paper was to consider the possibility of implementing functions for doing calculations with crossed modules, derivations, actor crossed