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有限交换群的自同构群阶

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The orders of the automorphism groups of finite commutative groups

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全文: PDF (151 KB) HTML (KB) 输出: BibTeX | EndNote (RIS) 背景资料

摘要 初等交换P-群的自同构群阶已经得到,对于其它情形则鲜有结果.文中得到了2类有限交换群的自同构群阶,并推广了P.Hall的一个相关结果.

关键词: 自同构 群阶 基底 Sylow子群

Abstract: The orders of the automorphism groups of elementary commutative P-groups had been obtained. But there is few result in other case. The orders of the automorphism groups of two classes of finite commutative groups are given. Our results extend some one obtained by P.Hall.

Key words: automorphism order of group basis Sylow subgroup

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