

The K-theory for the group and subgroup C^* -algebras of the special or general linear groups over integers

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Received June 14, 2016

ABSTRACT. We consider the K-theory of the group and subgroup C^* -algebras of the special or general linear groups over the ring of integers and of their canonical subgroups. We further consider the K-theory of the associated, crossed product C^* -algebras.

Key words and phrases. K-theory, group C^* -algebra, special linear group, general linear group, crossed product.

この論文では、整数上の特殊及び一般線形群とそれらの標準的な部分群に対する群及び部分群 C^* 環のK理論を考察する。さらに、関連する接合積 C^* 環のK理論を考察する。