论文

# ENUMERATION OF LINEAR RECURRING m-ARRAYS

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摘要　　In this paper we prove that the number of translation equivalence classes of linear recurring m-arrays over $F_q$ with period (r,s) is$(\varphi(rs))/(\log_q(rs+1))$, where $\varphi$ is Euler function.

关键词　　Array,αr-array,linear recurring array,L
分类号

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**Key words**　Array　αr-array　linear recurring array　LR m-array　translation equivalence class

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