

عنوان مقاله:

Upper bounds on the uniform spreads of the sporadic simple groups

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خلاصه مقاله:

A finite group G has uniform spread k if there exists a fixed conjugacy class C of elements in G with the property that for any k nontrivial elements s_1, s_2, \dots, s_k in G there exists $y \in C$ such that $G = \langle s_i, y \rangle$ for $i=1, 2, \dots, k$. Further, the exact uniform spread of G is the largest k such that G has the uniform spread k . In this paper we give upper bounds on the exact uniform spreads of thirteen sporadic simple groups.

کلمات کلیدی:

Exact uniform spread, Exact spread, Sporadic group

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