

عنوان مقاله:

One-prime power hypothesis for conjugacy class sizes

محل انتشار:

فصلنامه تئوری گروهی، دوره 6، شماره 3 (سال: 1396)

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خلاصه مقاله:

A finite group G satisfies the on-prime power hypothesis for conjugacy class sizes if any two conjugacy class sizes m and n are either equal or have a common divisor a prime power. Taeri conjectured that an insoluble group satisfying this condition is isomorphic to S times A where A is abelian and $S \cong \text{PSL}_2(q)$ for q in $\{4, 8\}$. We confirm this conjecture.

کلمات کلیدی:

conjugacy class sizes, Finite groups, insoluble groups, bipartite graph

لینک ثابت مقاله در پایگاه سیویلیکا:

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