

عنوان مقاله:

Ramification structures for quotients of multi-EGS groups

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خلاصه مقاله:

Groups associated to surfaces isogenous to a higher product of curves can be characterised by a purely group-theoretic condition, which is the existence of a so-called ramification structure. Gül and Uria-Albizuri showed that quotients of the periodic Grigorchuk-Gupta-Sidki groups, GGS-groups for short, admit ramification structures. We extend their result by showing that quotients of generalisations of the GGS-groups, namely multi-EGS groups, also admit ramification structures.

کلمات کلیدی:

Groups acting on rooted trees, finite p-groups, ramification structures

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