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Title: On weakly SS -quasinormal minimal subgroups of finite groups

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A subgroup H of a group G is said to be weakly SS -quasinormal if there exists a subgroup B of G such that HB is normal in G and for any prime p with $(p, |H|) = 1$, H permutes with every Sylow p -subgroup of B and $\text{Syl}_p(B) \subseteq \text{Syl}_p(G)$. In this article, we study the influence of weakly SS -quasinormal minimal subgroups of a finite group. Our results generalize the recent results obtained about the classification of a group by considering the SS -quasinormality of some subgroups.

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