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Title: The influence of maximal subgroups on Coleman automorphisms of finite groups

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Coleman automorphisms of finite groups G occur naturally in the study of the normalizer conjecture of integral group rings $\mathbb{Z}G$. The purpose of this article is to investigate the influence of maximal subgroups of G on Coleman automorphisms, and then present a partial answer to a question raised by Hertweck and Kimmerle which asks whether or not $\mathrm{Out}_{\mathrm{Col}}(G) = 1$ provided that G has a unique minimal normal subgroup.

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