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Title:	Counterexamples to a conjecture of M. Pellegrini and P. Shumyatsky
Authors:	Kundu, Rijubrata (/jspui/browse?type=author&value=Kundu%2C+Rijubrata)
Keywords:	Non-abelian simple group Set of commutators
Issue Date:	2022
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Citation:	Ricerche di Matematica, 748-8.
Abstract:	In this article, we provide counterexamples to a conjecture of M. Pellegrini and P. Shumyatsky which states that each coset of the centralizer of an involution in a finite non-abelian simple group G contains an odd order element, unless G=PSL(n,2) for n≥4. More precisely, we show that the conjecture does not hold for the alternating group A8n for all n≥2.
Description:	Only IISER Mohali authors are available in the record.
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