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Title:	TWISTED CONJUGACY IN LINEAR ALGEBRAIC GROUPS
Authors:	Bhunia, Sushil (/jspui/browse?type=author&value=Bhunia%2C+Sushil) Bose, A. (/jspui/browse?type=author&value=Bose%2C+A.)
Keywords:	Linear algebraic Infinite G over k
Issue Date:	2020
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Citation:	Transformation Groups
Abstract:	Let k be an algebraically closed field, G a linear algebraic group over k and $\varphi \in \mathrm{Aut}(G)$, the group of all algebraic group automorphisms of G. Two elements x; y of G are said to be φ-twisted conjugate if $y = gx\varphi(g)^{-1}$ for some $g \in G$. In this paper we prove that for a connected non-solvable linear algebraic group G over k, the number of its φ-twisted conjugacy classes is infinite for every $\varphi \in \mathrm{Aut}(G)$.
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