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Title:	Conjugacy classes of centralizers in the group of upper triangular matrices
Authors:	Bhunia, Sushil (/jspui/browse?type=author&value=Bhunia%2C+Sushil)
Keywords:	Upper triangular matrices z-classes Conjugacy classes
Issue Date:	2020
Publisher:	World Scientific
Citation:	Journal of Algebra and its Applications 19(1),2050008
Abstract:	Let $G$ be a group. Two elements $x, y \in G$ are said to be in the same $z$ -class if their centralizers in $G$ are conjugate within $G$ . In this paper, we prove that the number of $z$ -classes in the group of upper triangular matrices is infinite provided that the field is infinite and size of the matrices is at least 6, and finite otherwise.
URI:	<a href="https://www.worldscientific.com/doi/abs/10.1142/S0219498820500085">https://www.worldscientific.com/doi/abs/10.1142/S0219498820500085</a> ( <a href="https://www.worldscientific.com/doi/abs/10.1142/S0219498820500085">https://www.worldscientific.com/doi/abs/10.1142/S0219498820500085</a> ) <a href="http://hdl.handle.net/123456789/3445">http://hdl.handle.net/123456789/3445</a> ( <a href="http://hdl.handle.net/123456789/3445">http://hdl.handle.net/123456789/3445</a> )
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