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Title:	Quadratic forms in characteristic 2 and a Wedderburn decomposition over rationals
Authors:	Kaur, Dilpreet (/jspui/browse?type=author&value=Kaur%2C+Dilpreet) Kulshrestha, Amit (/jspui/browse?type=author&value=Kulshrestha%2C+Amit)
Keywords:	Quadratic Maps Real Special 2-Groups Wedderburn Decomposition
Issue Date:	2019
Publisher:	World Scientifc
Citation:	Journal of Algebra and its Applications,18(1)
Abstract:	Let F be a field of characteristic 2. In this paper, we provide an interesting application of quadratic forms over F in determination of the Wedderburn decomposition of the rational group algebra Q[G], where G is a real special 2-group. We further apply these computations to exhibit two non-isomorphic real special 2-groups with isomorphic rational group algebra.
URI:	https://www.worldscientific.com/doi/abs/10.1142/S0219498819500105 (https://www.worldscientific.com/doi/abs/10.1142/S0219498819500105) http://hdl.handle.net/123456789/2373 (http://hdl.handle.net/123456789/2373)
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