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Title:	A1 -connectedness in reductive algebraic groups
Authors:	Balwe, Chetan T. (/jspui/browse?type=author&value=Balwe%2C+Chetan+T.)
Keywords:	Algebraic groups Connectedness Hypotheses.
Issue Date:	2017
Publisher:	American Mathematical Society
Citation:	Transactions of the American Mathematical Society, 369(98), pp. 5999-6015
Abstract:	Using sheaves of \mathbb{A}^1 -connected components, we prove that the Morel-Voevodsky singular construction on a reductive algebraic group fails to be \mathbb{A}^1 -local if the group does not satisfy suitable isotropy hypotheses. As a consequence, we show the failure of \mathbb{A}^1 -invariance of torsors for such groups on smooth affine schemes over infinite perfect fields. We also characterize \mathbb{A}^1 -connected reductive algebraic groups over a field of characteristic 0.
Description:	Only IISERM authors are available in the record.
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