Summary: Let $\hat{G}$ be the semidirect product of a connected reductive group $G$ over $F_q$ with a finite cyclic group generated by a quasisemisimple automorphism of $G$ defined over $F_q$. In this paper we prove a conjecture of G. Malle concerning the extensions of unipotent representations of $G(F_q)$ to $\hat{G}(F_q)$.

For the entire collection see [Zbl 1253.00024].

MSC:

- 20G05 Representation theory for linear algebraic groups
- 20G40 Linear algebraic groups over finite fields

Keywords:

- connected reductive groups; extensions of unipotent representations

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