Year: 2013 Vol.: 82 Fasc.: 3-4

Title: On group algebras with unit groups of derived length three in characteristic three

Author(s): Harish Chandra and Meena Sahai

Let K be a field of characteristic 3 and let G be a finite 3-group of class 2. Necessary and sufficient conditions are obtained for the group of units U(KG) to be solvable of derived length 3.

${\bf Address:}$

Harish Chandra
Department of Mathematics
and Astronomy
University of Lucknow
Lucknow
U.P. (India) 226007

${\bf Address:}$

Meena Sahai Department of Mathematics and Astronomy University of Lucknow Lucknow U.P. (India) 226007