

Central idempotents in group rings and group graded rings

Andrzej Strojnowski

Institute of Mathematics Warsaw University, Poland

stroa@mimuw.edu.pl

Session: 14. Group Rings and Related Topics

We give a simple and strictly group ring method proof of the theorem. In simple and strictly group ring method we prove that the support group of central idempotent is finite. It was done by Rudin, Rider and Burns. We extend this proof to the group graded rings.