Describing unit groups of group rings in small examples

Matthias Kuenzer

University of Stuttgart, Germany kuenzer@mathematik.uni-stuttgart.de

This talk is based on joint work with Markus Kirschmer.

Session: 14. Group Rings and Related Topics

In some small examples, we use a Wedderburn embedding to describe the unit group of an integral group ring as an iterated extension of modular groups. The short exact sequences that occur are induced by projections to Wedderburn components.