

MORAVA K-THEORY OF SOME FINITE GROUPS

Revaz Kurdiani¹

Malkhaz Bakuradze²

e-mail: revaz.kurdiani@tsu.ge

¹Department of Computer Sciences
Faculty of exact and natural sciences
Iv. Javakhishvili Tbilisi State University
13, University st., 0186, Tbilisi, Georgia

²Department of Mathematics
Faculty of exact and natural sciences
Iv. Javakhishvili Tbilisi State University
13, University st., 0186, Tbilisi, Georgia

Our aim is to create a system which will calculate Morava K-theory for classes of finite groups. Currently, we work on finite groups of order 64, which have abelian subgroups of order 32. Such groups are divided into several classes and for these classes we create system to calculate Morava K-theory. Later, this system must be generalized for higher order groups.