Class-preserving Coleman automorphisms of Frobenius groups

By ZHENGXING LI (Qingdao) and YUANLIN LI (St. Catharines)

Abstract. Let G be a Frobenius group. It is proved that every class-preserving Coleman automorphism of G is an inner automorphism. This generalizes a result due to Petit Lobão and Polcino Milies which states that the normalizer conjecture holds for G.

ZHENGXING LI
SCHOOL OF MATHEMATICS AND STATISTICS
QINGDAO UNIVERSITY
QINGDAO 266071
P. R. CHINA

YUANLIN LI
DEPARTMENT OF MATHEMATICS AND STATISTICS
BROCK UNIVERSITY
ST. CATHARINES
CANADA