MONOGENICALLY GENERATED
FINITE QUASIGROUP

S. O. Ajala, Oyem Anthony and Ogunrinade Samson

Abstract

A finite quasigroup is monogenically generated if it has an automorphism that cycles through a generating set for the quasigroup. We established conditions under which the quasigroups are monogenically generated and, in particular, we prove that every finite abelian quasigroup is monogenically generated.