

Abstract

The group theory is one of the important subjects in algebra, and for this important we choose this subject.

The definition of the cyclic groups with its applications determined in this research.

This research divided into two chapters. In chapter one, we introduce some basic definition of the group with some elementary properties and next that we devoted some basic facts and theorems about the subset and subgroup.

In chapter two we introduce the definition of the cyclic subgroups and some elementary properties are devoted in this chapter with their propositions, theorems and illustrate that with examples.