Abstract

The groups theory is one of the important subjects in

.algebra, and for this important we choose this subject

The definition of the Normal Subgroups and Quotient

.Groups with their 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 subgroup, cyclic group and cosets

In chapter two we introduced the definition of the normal

subgroup and quotient groups are devoted in this chapter with

.their propositions, theorems and illustrate that with examples