Boğaziçi
MATH GRAD SEMINAR

An Application of Character Theory to Finite Groups

Mustafa Akdağ
Boğaziçi University

Abstract:

Character theory has its origins in the work of Frobenius in the late 19th century. Since then, characters have become an essential tool for proofs of group theoretic results involving simple or solvable groups. After introducing the basics of character theory, we will prove that if a finite group has at most two distinct prime divisors, then it is solvable.

Date : Monday, April 10, 2023
Time: 13:30
Place: TB130