HACETTEPE ÜNİVERSİTESİ MATEMATİK BÖLÜMÜ

GENEL SEMİNERİ

(HACETTEPE UNIVERSITY MATHEMATICS

GENERAL SEMINAR)

Tarih (Date): 28.03.2018, Çarşamba

Saat (Time): 15:00

Yer (Place): Yaşar Ataman Seminer Salonu

Konuşmacı (Speaker): Prof. Dr. Ahmet Arıkan (Gazi Üniversitesi)

Başlık (Title): On groups with countably many maximal subgroups

Özet (Abstract):

In this talk I will present the paper [Ahmet Arıkan, Giovanni Cutolo, Derek J.S. Robinson, *On groups with countably many maximal subgroups*, J. Group Theory, **21** (2018), 253-271].

The object of this work is to find classes of groups which possess only countably many maximal subgroups. Modules with countably many maximal submodules and group rings having countably many maximal right ideals are also investigated. Certain examples of soluble groups with uncountably many maximal subgroups are described. I will also give an introduction to another paper which is a continuation of the present paper.