

HACETTEPE ÜNİVERSİTESİ MATEMATİK BÖLÜMÜ

GENEL SEMİNERİ

(HACETTEPE MATHEMATICS GENERAL SEMINAR)

Tarih : 8 Ekim 2014, Çarşamba

Saat : 15:00

Yer: Yaşar ATAMAN Seminer Salonu

Konuşmacı: Yrd. Doç. Dr. Aslı GÜÇLÜKAN İLHAN

(Gebze Yüksek Teknoloji Enstitüsü)

Başlık : Equivariant Homotopy Diagrams

Özet : The aim of the talk is to discuss a new method for constructing finite G -CW-complexes homotopy equivalent to a product of spheres with prescribed isotropy groups where G is a finite group. In general one can construct a topological space with a G action by gluing some set of G -spaces to each other. The difficult part is to construct the correct gluing data so that the resulting space has the required properties. In this talk, we explain how to obtain such a gluing data from equivariant homotopy diagrams when certain obstructions vanish. We also discuss how the combinatorial nature of the construction can be used to understand the homotopy type of the resulting space. This is a joint work with Özgün Ünlü.

NOT: Konuşma sonunda çay ve pasta ikramı olacaktır.