HACETTEPE ÜNİVERSİTESİ MATEMATİK BÖLÜMÜ GENEL SEMİNERİ

(HACETTEPE UNIVERSITY MATHEMATICS GENERAL SEMINAR)

Tarih (Date): 17.04.2019, Çarşamba (Wednesday)

Saat (Time): 15:00

Yer (Place): Yaşar Ataman Seminer Salonu

Konuşmacı (Speaker): Dr. Öğr. Üyesi Özlem Defterli, Çankaya Üniversitesi

Başlık (Title): Some applications of fractional calculus in mathematical biology

Özet (Abstract):

In this talk, some problems of mathematical biology having complex dynamics will be discussed and analyzed within fractional operators. In this respect, recent developments in mathematical modeling of tumor-dynamics, infectious diseases, etc. will be presented and the advantage of the use of fractional operators will be discussed by the help of some simulations.