## GENEL SEMİNER

## CHAOS AND NON-LINEAR DYNAMIC EQUATIONS I

"Logistic map and its chaotic properties"

## Sergey BORISENOK

Herzen State University & istanbul Kültür University Department of Mathematics and Computer Science

Özet: The logistic map illustrates many principle features of chaotic maps with discrete time. The basic properties of the 1D logistic map will be discussed under the critical meanings of its parameter, with a special focus on the Feigenbaum idea of universality of bifurcation structure.

Tarih: 24/03/2010 Saat: 16:00

Yer: İstanbul Kültür Üniversitesi Fen-Edebiyat Fakültesi, Erdal İnönü Seminer Salonu Ataköy Yerleşkesi, Bakırköy 34156, İstanbul