

abstract

COMPUTER SCIENCE AND DISCRETE MATHEMATICS SEMINAR II

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Let $f(x_1, \dots, x_n)$ be a low degree polynomial over F_p . I will prove that there always exists a small set S of variables, such that `most` Fourier coefficients of f contain some variable from the set S . As an application, we will get a derandomized sampling of elements in F_p^n which `look uniform` to f .

The talk will be self contained, even though in spirit it is a continuation of my previous talk on pseudorandom generators for $CC0[p]$. Based on joint work with Amir Shpilka and Partha Mukhopadhyay.