Seminario

Matemáticas Discretas

Speaker
Dieter Mitsche
(U. de Nice Sophia-Antipolis)

Title
On the metric dimension for random graphs

Abstract

The metric dimension of a graph G is the minimum number of vertices in a subset S of the vertex set of G such that all other vertices are uniquely determined by their distances to the vertices in S. In this paper we investigate the metric dimension of the random graph $G(n, p)$ for a wide range of probabilities$p = p(n)$.

Joint work with B. Bollobas and P. Pralat.

Host: Marcos Kiwi

Date: Friday May $23, 2014 - 16:15$ hrs. Place: Sala de seminarios del CMM