

Seminario de Grafos

Speaker: Guilherme Motta (University of Sao Paulo)

Title: Canonical colourings in random graphs.

Abstract: The canonical Ramsey theorem of Erdős and Rado implies that for a given graph H , if n is sufficiently large then any colouring of the edges of K_n gives rise to copies of H that exhibit certain colour patterns, namely monochromatic, rainbow or lexicographic. I will discuss recent results on the threshold at which the random graph $G(n,p)$ inherits the canonical Ramsey properties of K_n .

Thursday 16th, 10.00 at room John Von Neumann.