

Seminario de Grafos

Speaker: Giovanne Dos Santos (DIM)

Title: The Brown-Erdős-Sós conjecture in dense triple systems.

Abstract: In 1973, Brown, Erdős, and Sós conjectured, in an equivalent form, that for any $\delta > 0$ and integer $k \geq 3$, every sufficiently large linear k -uniform hypergraph with at least δn^k edges contains a collection of k edges whose union spans at least $(k+1)\delta n$ vertices. In this talk, we show a proof of the conjecture for the case $\delta > 4/5$.

This is joint work with Mykhaylo Tyomkyn.

Fecha/Lugar: Martes 18 Noviembre, 14.00 sala Jacque L Lions

