Seminario de Grafos

Speaker: Luciano Villarroel.

Title: Chen-Chvátal Conjecture in Graphs and Hypergraphs.

Abstract: It is well known that a set of n non-collinear points in the Euclidean plane determines at least n distinct lines. In 2008, Chen and Chvátal conjectured that this result extends to arbitrary finite metric spaces with an appropriate definition of line. In this talk, we present a survey of this conjecture, outlining known results in the contexts of metric spaces, hypergraphs, and graphs.

Fecha/Lugar: Martes 09 de Diciembre, 14.00 sala Maryam Mirzahani, sexto piso.