

Seminario de Grafos

Speaker: Irena Penev (Charles University)

Title: The class of $(2P_3, C_4, C_6)$ -free graphs

Abstract: For a family of graphs H , a graph G is H -free if no induced subgraph of G is isomorphic to a graph in H . In this talk, I will present a new decomposition theorem and coloring algorithm for $(2P_3, C_4, C_6)$ -free graphs. I will also give some background on Truemper configurations (thetas, pyramids, prisms, and wheels) and on proving decomposition theorems in general.

Room John Von Neumann, Tuesday 26th August, 12.00 hrs.