

Seminario de Grafos

Speaker: Axel Kolm, DIM, U. de Chile.

Title: Complexity of k -coloring (subdivided claw)-free graphs with bounded diameter.

Abstract: During the last decades, there has been a lot of research on the computational complexity of k -coloring in H -free graphs when H is a linear forest. It is known that k -coloring $K_{1,3}$ (claw) free graphs is NP-complete for $k \geq 3$. In this talk, we will study the techniques used by Barnaby Martin, Daniël Paulusma and Siani Smith in 2021 to generalize this result for $K^r_{1,3}$ (subdivided claw) free graphs with bounded diameter.

Jueves 27 de Abril del 2023, de 10.30-11:45 hrs.

Sala de Seminarios John Von Neumann CMM, Séptimo Piso Torre Norte.

