

Seminario de Grafos

Expositor/a: Georgios Kontogeorgiou (CMM)

Título: Coarse Graph Theory I - The Questions

Resumen: Coarse graph theory is concerned with the large-scale geometric properties of infinite graphs, especially the properties preserved by quasi-isometries. Although such inquiries have been raised since the 80's, it was usually in the context of Cayley graphs and geometric group theory. Recently the topic migrated to graph theory with intriguing outcomes. Eventually, the field of coarse graph theory was officially inaugurated and systematically treated in a paper by Georgakopoulos and Papasoglu.

In this talk, I will explain the basics of coarse graph theory, explore its connections with classic structural graph theory, and discuss the coarse analogues of many well-known graph-theoretic results.

Lugar/hora: Martes 14 de mayo, 2024 / 14.00-15.00, Sala John Von Neumann (7° Piso)
Sala de Seminario Von Neumann, 7th floor, CMM, Av. Beauchef 851, torre norte.

