

Algebra, Combinatorics and Number Theory Seminar

Date. Wednesday, November 13 - 4pm (Porto), 1pm (Brasília), 5pm (Salerno), 1

Speaker. Guilherme Rocha Ortega - Universidade de Brasília (UnB)

Title. On Some Finiteness Conditions of the Weak Commutativity Group

Abstract.

Let G be a group and consider the group $\chi(G)$ obtained from the free product G*G by forcing each element g in the first free factor to commute with the copy of g in the second free factor. In the last 44 years, this group has been a formidable tool for obtaining finiteness conditions in Group Theory. In this talk, we want to present some important results related to the group $\chi(G)$. Moreover, we want to establish some properties of the exponent of $\chi(G)$ when G has finite exponent.

¹https://videoconf-colibri.zoom.us/j/7820604023







