



CENTRO DE
MATEMÁTICA
UNIVERSIDADE DO PORTO

Algebra, Combinatorics and Number Theory Seminar

Date. Monday, June 07, 2021 - 3pm (UTC+1) ¹

Speaker. Theo A. D. Zapata - Universidade de Brasília

Title. Profinite centralizer-abelian groups

Abstract. Profinite groups in which the centralizer of any non-identity element is abelian (i.e., profinite CA-groups) are also known as profinite commutativity-transitivity groups. In this talk I shall present a dichotomy theorem obtained with P. Shumyatsky and P. Zalesskii (2019, Israel J. Math, v. 230): *Any profinite CA-group has a finite index closed subgroup that is either abelian or pro-p.*

¹<https://videoconf-colibri.zoom.us/j/85917155304?pwd=ZU1YUGJRcTJzTOVjSHF5N2hNdTJkZz09>