

SEMINARIO SISTEMAS DINÁMICOS DE SANTIAGO.

EXPOSITOR(A): Sebastián Donoso (Universidad de Chile).

TÍTULO: *Partition Regularity for Quadratic Equations in Number Fields.*

RESUMEN: An equation is partition regular over its domain if, for any finite coloring of that domain, there exists a monochromatic nontrivial solution. In this talk, we will review the background of this topic, focusing on the ergodic theoretic tools used to tackle such problems and present a recent joint work with A. Koutsogiannis, A. Ferré Moragues and W. Sun, concerning the partition regularity problem of quadratic equations over some number fields.

DÍA / HORA Lunes 23 de marzo, 2026 / 16:30 - 17:30 hrs.

LUGAR Sala de Seminarios (7° piso), Facultad de Ciencias Físicas y Matemáticas (Edificio Beauchef 851), Universidad de Chile