

SEMINARIO SISTEMAS DINÁMICOS DE SANTIAGO.

EXPOSITOR(A) Christopher Cabezas (Universidad de Chile)

TÍTULO *Notions of openness in semigroup actions.*

RESUMEN We study the notion of openness of shifts transformations given by abstract semigroup actions. In 1966, Parry proved that the only one-sided subshifts with open shift map are the SFTs. In our work, we extend this theorem in several directions for some abstract semigroup actions, introducing the notion of synchronizing sets and study some applications. We will also discuss some interesting examples on \mathbb{N}^2 , \mathbb{Q}^+ and free semigroups. This is a joint work with Sebastian Donoso and Mattheiu Sablik.

DÍA / HORA Lunes 27 de abril, 2026 / 16:30 - 17:30 hrs.

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