

MINI COURSE

Cobhams theorem and substitution subshifts

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SCHEDULE:	Lectures 1 - 4: , May 20-23, 2017, 9:30–10-45
VENUE:	Lecture Hall 1, IPM Niavaran Bldg., Niavaran Square, Tehran

ABSTRACT. This mini-course intends to propose a first contact with subshift dynamical systems through the study of a well known family: the substitution subshifts. This will include a short introduction to topological dynamical systems and combinatorics on words. We will focus on the unique ergodicity of substitution subshifts and we will obtain, as a corollary, a proof of a seminal result on automata theory: the Cobham's theorem.

References.

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