

abstract

LIE GROUPS, REPRESENTATIONS AND DISCRETE MATH

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

We will show how self-similar groups $H(k)$ generated by finite automata can be related to Hanoi Tower games on $k=3,4,\dots$ pegs. Then we will consider the spectrum of a Schreier graph of Hanoi Group $H(3)$, will show that the group is of branch type, and will finish our talk with a discussion of the growth of diameters of finite Schreier graphs related to Hanoi groups and to other self-similar groups and how this growth reflect expanding properties.

The amenability will appear in some moment as well.