MINICOURSE

Monday, April 30th from 14:00 to 15:00

In Room AAC 006

To be followed by discussion

“Random walks on fractal-like graphs”

Alexander Grigoryan
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Target audience: doctoral students, researchers and Professors in Mathematic.

Abstract:

We present various conditions under which the transition probability for a random walk on an infinite graph satisfies the so-called sub-Gaussian estimates. In particular, such estimates hold on self-similar graphs that are constructed similarly to fractal spaces.