

The CLT for the random walks on non-amenable lamplighter groups

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Lamplighter groups are known for their exotic geometric and analytic properties. In this talk we will focus on the asymptotic properties of random walks on non-amenable lamplighter groups. In particular, we will discuss a version of the central limit theorem for the drift of the random walk on a lamplighter with acylindrically hyperbolic base group. The talk is based on a joint work with Kunal Chawla, Christian Gorski, and Eduardo Silva.

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