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QUANTUM WALKS, LIMIT THEOREMS AND RECURRENCE

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Abstract

I will define the notion of Quantum Walk, mention a spectral approach to its study (usually called the CGMV method), show several figures illustrating limiting behavior in the spirit of the central limit theorem, and discuss two notions of recurrence.

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Time: 11:00

Place: IMBM Seminar Room, Boğaziçi University