

Exceptional Points of Two-Dimensional Random Walks at Multiples of the Cover Time

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I will talk about the local time of the continuous-time simple random walk on a large finite subset of the two-dimensional lattice with the wired boundary condition. The running time of the walk is parametrized by the local time at the “boundary vertex” and approximated by a multiple of the cover time. The talk will focus on statistics of avoided points (those not visited at all). This is based on joint work with Marek Biskup (UCLA).