$$S_t \circ c(h)(a_s)_{ti} c(s) + \mathfrak{S}_e m^i n(a_r)$$

Intersections on lattices: large deviations

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Time and Place: Friday September 28, 2007; 3–4 p.m.; LCB 219

    The study of sample path intersections is partially motivated by the needs in mathematical physics. In this talk I will try to describe the large deviations for the self-intersection local times, mutual intersection local times, ranges and the intersection of ranges generated by random walks of lattice-values. In particular, I will talk about some unsolved problems and conjectures on these models.