

1019-31-85

Nikos Zygouras* (zygouras@usc.edu), 3620 Vermont Av, Kaprellian Hall 108, Los Angeles, CA 90089. *Lyapunov norms for random walks random with random potential*. Preliminary report.

We consider a simple random walk on Z^d , for d greater or equal to 4, and a random potential consisting of a collection of i.i.d random variables indexed by Z^d . We are interested in the quenched and annealed Lyapunov norms associated to the Lyapunov exponents of the random walk in the random potential. We will discuss the issue of equality of these two norms. (Received August 07, 2006)