Nishant Rangamani* (nrangama@uci.edu). *Exponential Dynamical Localization for Random Word Models.*

We give a new proof of spectral localization for one-dimensional Schrödinger operators whose potentials arise by randomly concatenating words from an underlying set. We then show that once one has the existence of a complete orthonormal basis of eigenfunctions (with probability one), the same estimates used to prove it naturally lead to a proof of exponential dynamical localization in expectation (EDL) on any compact interval not containing a finite set of critical energies. (Received September 03, 2019)