

STABLE LAWS FOR RANDOM DYNAMICAL SYSTEMS

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We consider quenched and annealed limit laws for observables in the domain of attraction on iid compositions of 1-dimensional expanding maps, for example beta-transformations and intermittent type maps. We show that a.e. realization has the same stable law with the same scaling constants as the annealed system.

This is joint work with Romain Aimino and Andrew Torok.