STATIONARY MEASURES FOR INFINITE GRAPHS

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ABSTRACT. The purpose of this talk is to describe some recent work where the technique of isospectral reduction, introduced by L. Bunimovich and B. Webb, is applied in the context of certain operators related to stochastic processes in order to show the existence of stationary measures and also get some approximations of the measure by means of the iteration of a dynamical procedure.

Joint work with Pedro Duarte and Joana Torres.