

Some advances on the Bramson & Kalikow model

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We will speak about uniqueness *vs.* phase transition for one-dimensional stochastic processes (or *g-measures*) defined *via* transition probabilities with respect to the past (or *g-functions*). Bramson & Kalikow (1993) gave the first example of *g*-function having more than one compatible *g*-measure (phase transition). We present recent advances on the understanding of this example.

This talk is based on a work in progress in collaboration with Christophe Gallesco and Daniel Takahashi.