

**SOME NEW STATISTICAL PROPERTIES OF PIECEWISE
LINEAR FIBONACCI MAPS**

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In this talk, I will first recall the model of piecewise linear Fibonacci maps, stressing on the fact that these are essentially null recurrent Markov shifts lacking regular variation. In the first part, I will discuss some new results on the asymptotic behaviour of the pressure function; these results are joint work with Henk Bruin and Mike Todd. In the second part of the talk, I will discuss a result on limit laws for these maps, somewhat similar to Darling Kac laws; this result is joint work with Peter Kevei.