

FAIR MEASURE AND FAIR ENTROPY

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Little is known about efficient computation of topological entropy. In this talk we will introduce the concept of *fair measure* and in particular of *fair entropy*, computed by following backward trajectories for a map, giving a lower bound for topological entropy (this is joint work with M. Misiurewicz). We will then see when the fair entropy is equal to the topological entropy for Markov symmetric tent maps (this is joint work with Y. Zhang).