

POSITIVE EXPONENT IN FAMILIES WITH FLAT CRITICAL POINT

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*Abstract.* It is known that in generic full unimodal families with critical point of finite order, there exists a set of positive measure in parameter space such that the corresponding maps have chaotic behavior. In this paper we prove the corresponding statement for certain families of unimodal maps with flat critical point. One of the key-points is a large deviation argument for sums of “almost” independent random variables with only finitely many moments.