

On the value distribution of the sequences of the derivatives of iterated polynomials – after Gauthier and Vigny

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Recently Gauthier and Vigny established the equidistribution of the normalized pullbacks of points under the sequences of the derivatives of iterations of a polynomial of degree more than one towards the harmonic measure of the Julia set, up to an exceptional polar subset in the complex plane. In this talk we will try to understand their result from a view point of the Nevanlinna theory, and try to make it a little more precise.