

Prime number theorems and holonomies for hyperbolic rational maps.

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I will discuss geometric analogues of primes number theorems and their refinements for hyperbolic rational maps on the Riemann sphere. Analogous theorems for hyperbolic 3 manifolds and relation between these two different settings will also be discussed in view of Sullivan's dictionary between Kleinian groups and rational maps.

This talk is based on joint work with Dale Winter.