

Research Interests

My Name

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Analytic number theory, in particular the Riemann zeta-function and its generalizations, called L -functions.



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Moments are also intriguing objects of study in their own right!



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Moments of products of automorphic L -functions:

$$\int_0^T |L(\frac{1}{2} + it, \pi_1)|^{2k_1} \cdots |L(\frac{1}{2} + it, \pi_r)|^{2k_r} dt$$



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Moments in families:

$$\sum_{|d| \leq X} L(\frac{1}{2}, \pi_1 \otimes \chi_d)^{k_1} \cdots L(\frac{1}{2}, \pi_r \otimes \chi_d)^{k_r}$$

