

## **Investigating the vertical distribution of zeros of L-functions**

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We will discuss the topic of the vertical distribution of zeros of the Riemann zeta-function (and higher degree L-functions) on the critical line, which has connections to the class number problem for imaginary quadratic fields and Montgomery's pair correlation conjecture. In particular, we will outline the progress that has been made studying normalized gaps between zeros of Riemann zeta-function (and higher degree L-functions) and discuss the limitations of current methods.