

1155-11-312

Nickolas Andersen* (nick@math.byu.edu) and **Jesse Thorner**. *Zeros of GL_2 L -functions on the critical line.*

We use Levinson's method and the work of Blomer and Harcos on the GL_2 shifted convolution problem to prove a lower bound for the proportion of zeros of the L -function of a holomorphic or Maass cusp form that lie on the critical line. (Received January 17, 2020)