

1105-11-227

Sneha Chaubey* (chaubey2@illinois.edu), **J Athreya**, **A Malik** and **A Zaharescu**.

Geometric Statistics of Ford Circles.

We compute the distributions and some moments of certain statistics of geometric quantities associated to Ford circles. Our methods to compute distributions use the equidistribution of periodic orbits of the BCZ map, while our methods to compute moments are based in analytic number theory. (Received September 21, 2014)