1046-11-1323 Qiao Zhang* (q.zhang@tcu.edu), Department of Mathematics, Texas Christian University, 2840 West Bowie Street, Fort Worth, TX 76109. Value Distribution of Automorphic L-functions.

The behavior of automorphic L-functions within the critical strip, especially along the critical line or at the boundary of the strip, is of great arithmetic and analytic interest. In this talk, we discuss the value distribution of these L-functions through a study of their high moments. This work generalizes the previous results over GL(2). (Received September 15, 2008)