1030-37-150   **Jayadev S Athreya**, **Anish Ghosh*** (`ghosh@math.utexas.edu`) and **Amritanshu Prasad**.
Logarithm laws for function fields.

We use quantitative mixing estimates for actions of semisimple groups to generalize the logarithm laws of Sullivan and Kleinbock-Margulis to the function field setting. We also present several number theoretic corollaries. (Received July 30, 2007)