1056-22-1435   **Ju-Lee Kim*** (`julee@math.mit.edu`), 77 Massachusetts Av, MIT, 2-281, Cambridge, MA 02139.
An application of Gamma asymptotic expansions. Preliminary report.

Using a Gamma asymptotic expansion, which is a character expansion reflecting an information about types contained in a given irreducible admissible representation, we calculate Plancherel measures in some cases. (Received September 21, 2009)