

1154-11-331      **Freydoon Shahidi\*** ([shahidi@math.purdue.edu](mailto:shahidi@math.purdue.edu)), Department of Mathematics, 150 n. University Street, West Lafayette, IN 47907, and **William Sokurski** ([wsokursk@purdue.edu](mailto:wsokursk@purdue.edu)), 150 n. University Street, West Lafayette, IN 47907. *On multiplicativity of gamma factors via Braverman-Kazhdan program.*

After a short survey of the Braverman-Kazhdan/Ngo/Lafforgue program, extending the work of Godement-Jacquet on principal L-functions for  $GL(n)$  to any reductive group and any finite dimensional representation of its L-group, we sketch a proof of the multiplicativity of gamma factors via parabolic induction in general, an important question in any theory of L-functions. The proof relies on suitable assumptions on corresponding Fourier transforms. (Received August 31, 2019)