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Daniel Johnstone* (dljohnst@math.uchicago.edu), 5734 S. University Avenue, Chicago, IL 60637. *A Gelfand-Graev Formula and Stable Transfer Factors for SL_n .*

A result of Gelfand and Graev shows that the supercuspidal representations of SL_2 are neatly parameterized by characters of elliptic tori, and that the stable character data for all such representations may be collected into a single function by means of a Fourier Transform. Using recent advances in the computation of characters of supercuspidal representations, we prove analogous results for the group SL_n . (Received August 30, 2016)