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Tian An Wong* (twong33@smith.edu). *Basic functions and the stable trace formula*. Preliminary report.

I will report on work in progress establishing a stable trace formula whose discrete spectral terms are weighted by automorphic L-functions, as suggested by Langlands in his Beyond Endoscopy proposal. This involves extending the results of Finis, Lapid, and Müller on the continuity of Arthur's noninvariant trace formula to the stable trace formula, while incorporating the use of basic functions. (Received January 20, 2020)