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Yuanqing Cai and **Solomon Friedberg*** (solomon.friedberg@bc.edu), Department of Mathematics, Boston College, Chestnut Hill, MA 02467-3806, and **David Ginzburg** and **Eyal Kaplan**. *New integrals for tensor product L-functions*. Preliminary report.

I will discuss new integrals representing tensor product L-functions of classical groups with general linear groups. These make use of new ingredients from the representation theory of p -adic groups (new kinds of unique models). The integrals also work for covering groups under certain hypotheses. Critically, these integrals are applicable to all automorphic representations—they do not require genericity. (Received March 13, 2017)