1026-11-54   **X. Li*** (`xl29@buffalo.edu`), Math Dept., State Univ. of New York at Buffalo, Buffalo, NY 14260, and **D. Goldfled** (`dg@columbia.edu`), Math Dept., Columbia University, New York, NY 10027. *A simple proof of the Voronoi formula for GL(3).* Preliminary report.

The Voronoi formula for GL(3) was first proved by Miller and Schmid using the theory of automorphic distributions. In this talk, we will show a simple, purely analytic proof. one example of applications to Rankin-Selberg L-functions on GL(3) and GL(2) will be discussed. This is a joint work with D. Goldfeld. (Received February 04, 2007)