

1077-22-2489 **Keith Ouellette*** (keith.r.ouellette@gmail.com). *On the Fourier inversion formula for SL_3* . Preliminary report.

In 2006, we presented a new way to obtain the Fourier inversion formula for wave packets on the full modular group. We will illustrate the ideas behind this method in the setting of SL_3 for wave packets built from cuspidal maximal parabolic Eisenstein series and use the Fourier inversion formula to compute the Plancherel measure. (Received September 22, 2011)