

1116-11-197 **Reinier Broker*** (reinierbroker@gmail.com). *Fourier coefficients of metaplectic Eisenstein series.*

Metaplectic Eisenstein series for n -fold covers of GL_2 encode various arithmetic properties of number fields. Explicitly computing their Fourier coefficients has only been done for small n . In this talk we will detail various algorithms and explain how to push the computational boundaries further. Many examples will be given. (Received August 13, 2015)