

auto Eisenstein distr $\Leftrightarrow$ modular Eisenstein series

auto Hecke distr $\Leftrightarrow$ modular Hecke eigenforms

modular L-functions

Roelcke-Selberg expansions

modular Kloosterman sums

anal cont series of Kloo sums

$$4\zeta_k(s:t) = \sum_{\substack{m_1 \vee m_2 = 1 \\ m_1 m_2 \neq 0}} \overline{m_1}^{-s} \overline{m_2}^{-t} \exp\left(2\pi i k \frac{\bar{m}_2}{m_1}\right)$$

$$m_2 \bar{m}_2 - m_1 \text{ odd}$$

spec anal pointwise product Eisenstein series

symbol Eisenstein distributions $E_1 \sharp E_2$