

Elliptic

Hecke's th.

Deligne's th.

$M_2(\Gamma_0)$

Siegel

Andrianov's

Klingen's

Igusa's

Re-Soldan

Kurokawa

Jacobi sum

Murphy's

Zagier

Kulnar's & my th.

Ode - Eudok.

splitting

table of dir

→ 1) multiplicity 1

→ 2)  $\neq 0$   
3)  $D_{F,F}$

→ 4)  $Re s_2 = 4 - 3/2$   
5)  $\chi_2^{splitting}(\rho_2) = ?$

computations

congruences

→ 6) Mean of congruences

→ 7) disc. of  $\chi_n(\rho_2)$  contains large primes, acci. det?