

INSTITUTUL DE MATEMATICA “SIMION STOILOW” AL ACADEMIEI ROMANE

Conferința lunară

The arithmetic of Fourier coefficients of Siegel modular forms

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Abstract: It is well-known that Siegel-Eisenstein series for arbitrary congruence subgroups have Fourier coefficients in a cyclotomic number field and bounded denominators. I want to explain how this implies the same property for ALL modular forms for all (possibly vector-valued) automorphy factors. No tools from arithmetic algebraic geometry are needed here.