

Oberseminar Zahlentheorie und arithmetische Geometrie

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(Bonn)

Belyi maps of sporadic groups

Determining Fourier coefficients of modular forms of a finite index noncongruence subgroups of $PSL_2(\mathbf{Z})$ is still a non-trivial task. In my talk I will describe a new method for obtaining modular forms of a given weight.

Using this method we have calculated Belyi maps which realize sporadic groups as the Galois group of three-point ramified cover over $IP^1(\mathbf{C})$ for all genus zero sporadic groups.

Donnerstag, 30.11.2017, 12:00 – 13:00, g117

Alle Interessierten sind herzlich eingeladen.