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Sturm bounds for Drinfeld-type automorphic forms over function fields

Sturm bounds say how many successive Fourier coefficients suffice to determine a modular form. For classical modular forms, they also provide bounds for the number of Hecke operators generating the Hecke algebra. I will present Sturm bounds for Drinfeld-type automorphic forms over the function field $\mathbb{F}_q(t)$. Their proof involve refinements of a fundamental domain for a corresponding Bruhat-Tits tree under the action of a congruence subgroup. This is a joint work with Fu-Tsun Wei.