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The filled Julia set of a Drinfeld module

The theory of Drinfeld modules over global function fields has many interesting parallels with the theory of elliptic curves over number fields. On the other hand, over a local function field Drinfeld modules can be seen as a type of polynomial dynamical system. In this talk, we will use this dynamical perspective to introduce the filled Julia set of a Drinfeld module over the adèle ring of a global function field, and its component module, and exhibit some striking similarities with the structure of the component module of an elliptic curve.