

Twists of Drinfeld–Stuhler modular varieties

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Abstract

Let F/\mathbb{F}_p be a function field in one variable and let ∞ and \mathfrak{p} be two places of F . We show that the modular spaces of certain elliptic sheaves with poles at ∞ and \mathfrak{p} respectively are twists of each other. This fact can be viewed as a global analogue (in characteristic p) of the Theorem of Cherednik–Drinfeld.