

Dunfield's talk

April 17, 2019 2:12 PM

An $SL_2\mathbb{R}$ Casson-Lin invariant and applications
with Jake Rasmussen.

Much learned about \mathbb{T}^1M^3 by looking at reps

$$SL_2\mathbb{C} \sim \text{Isom}^+(\mathbb{H}^3)$$

$$SU_2 \rightsquigarrow \text{Casson invt} \rightsquigarrow \text{Flour} \dots$$

$$SL_2\mathbb{R} \rightsquigarrow \text{arcs on } S^1$$