

1110-57-340

Kanako Oshiro* (oshirok@sophia.ac.jp). *On quandles which give a non-trivial coloring for twist-spun trefoils.*

Let F_q be a finite field with $\text{char}(F_q) = p$ for a prime p . In this talk, I show some properties of a conjugation quandle obtained from $\text{SL}_2(F_q)$. Especially, the quandle gives a non-trivial coloring for the p -twist-spun trefoils. (Received February 24, 2015)