

1094-55-54

Sam Nelson*, knots@esotericka.org. *Augmented Birack Homology*. Preliminary report.

Augmented biracks are birack structures defined in terms of group actions on sets. In this talk we will see a homology theory for augmented biracks which extends the usual quandle and rack homology in a natural way, enabling enhancements of the counting invariant using 2-cocycles analogously to CJKLS invariants. (Received August 02, 2013)