

1124-57-80

Deanna Needell and **Sam Nelson*** (sam.nelson@cmc.edu). *Biquasiles and Dual Graph Diagrams.*

Biquasiles are algebraic structures arising from a way of representing oriented knot and link diagrams with a type of graph we called dual graph diagrams. In this talk we will introduce dual graph diagrams, derive the biquasile axioms and see some examples of biquasile counting invariants. (Received August 29, 2016)