## TRICOLORINGS OF KNOTS

## LUCAS MEYERS

ABSTRACT. Tricoloring is a knot invariant that differentiates knots based on whether or not their diagrams can be colored with three colors. This talk will introduce knots and explore tricoloring both in terms of coloring diagrams and the knot group. In addition we mention extensions of tricoloring to using an arbitrary number of colors.

MATHEMATICS DEPARTMENT, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LOUISIANA

 $E ext{-}mail\ address: lmeye22@lsu.edu}$