

1142-05-59

**Claus Ernst** and **Van Pham\***, [apham11@uncc.edu](mailto:apham11@uncc.edu). *How loop numbers relate to some known knot invariants?*

For a given knot diagram  $D$ , one can traverse the diagram and count the number of loops created along it. We have shown that loops numbers are invariant under flypes for a large family of knots. In this talk, we discuss relationship of loop numbers with some known knot invariants. (Received August 25, 2018)