

1163-05-1125

Jose H Cenicer* (jcenicer@hamilton.edu), 198 College Hill Rd, Clinton, NY 13323, and **I. Churchill, M. Elhamdadi** and **M. Hajij**. *Cocycle Invariants of Oriented Singular Knots*. Preliminary report.

We extend the quandle cocycle invariant to oriented singular knots and links using algebraic structures called *oriented singquandles* and assigning weight functions at both regular and singular crossings. This invariant coincide with the classical cocycle invariant for classical knots but provides extra information about singular knots and links. (Received September 14, 2020)