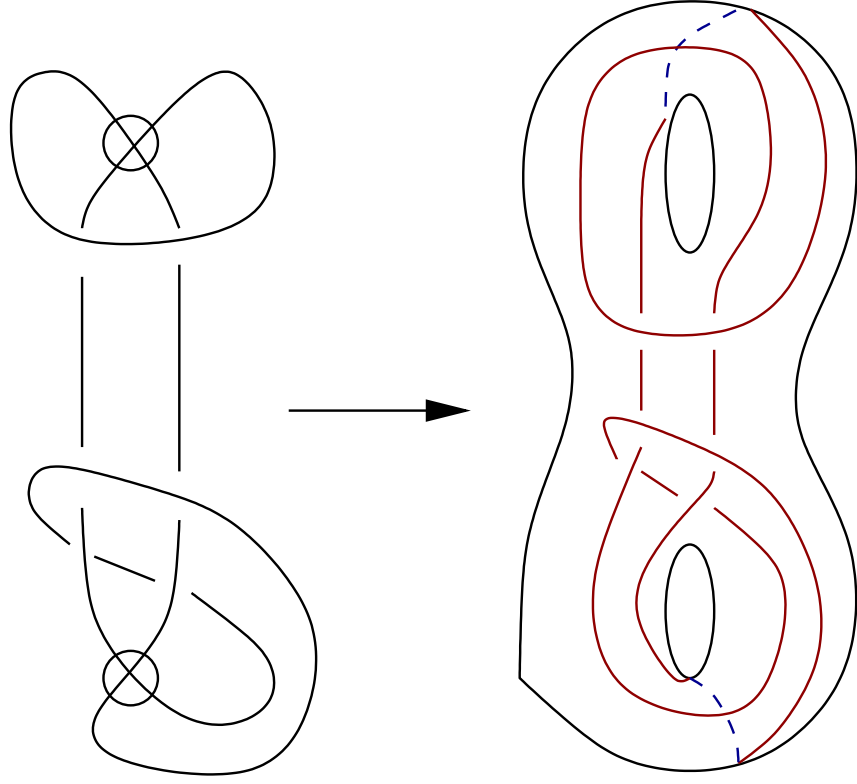


A Modified Kishino's Knot



- Not detected by the bracket or the 2-strand bracket polynomial.
- Not detected by the fundamental group.
- The diagram is detected by the 3-strand bracket polynomial.
- First example other than Kishino's knot with these properties.
- Using this representation and the skein relation, we determine that this is the minimal surface for this virtual knot diagram.
- The modified Kishino's knot also has minimal genus 2, and therefore is not equivalent to any classical knot diagram.

