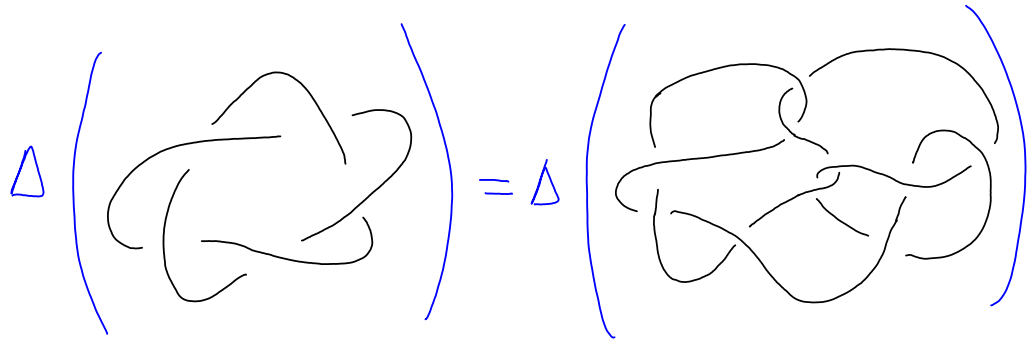
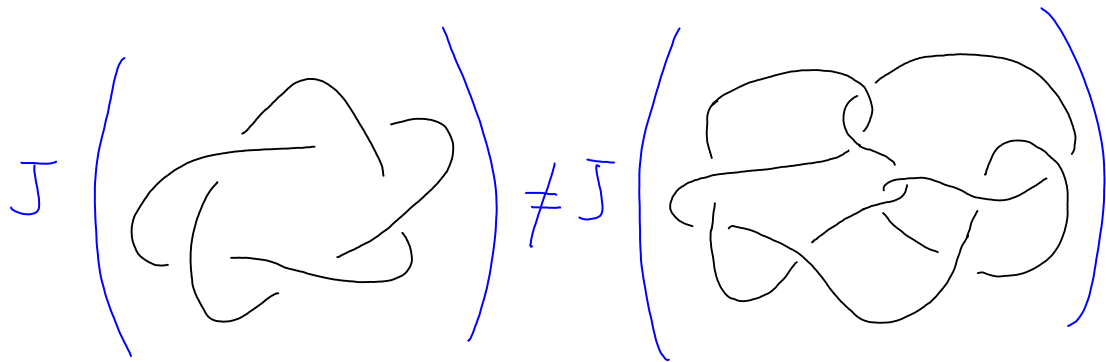


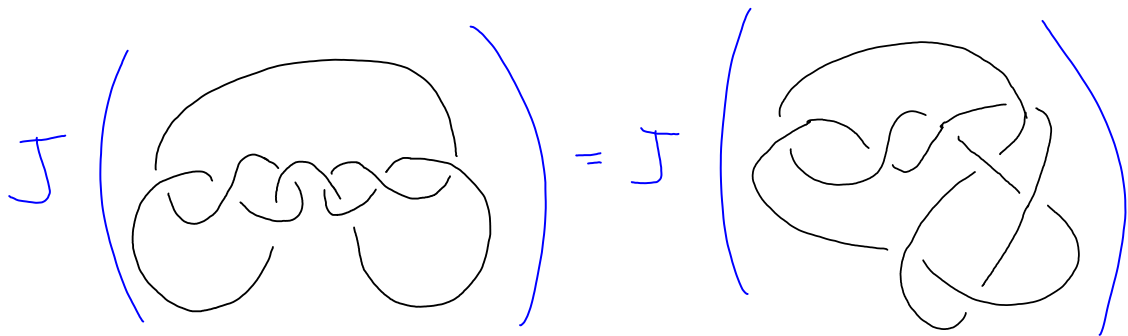
There are pairs of knots that can be distinguished by the Jones polynomial but not by the Alexander polynomial and the other way round:

$$\Delta \left(\text{Knot 1} \right) = \Delta \left(\text{Knot 2} \right)$$


but

$$J \left(\text{Knot 1} \right) \neq J \left(\text{Knot 2} \right)$$


Similarly

$$J \left(\text{Knot 3} \right) = J \left(\text{Knot 4} \right)$$


but

$$\Delta \left(\text{Knot 3} \right) \neq \Delta \left(\text{Knot 4} \right)$$
