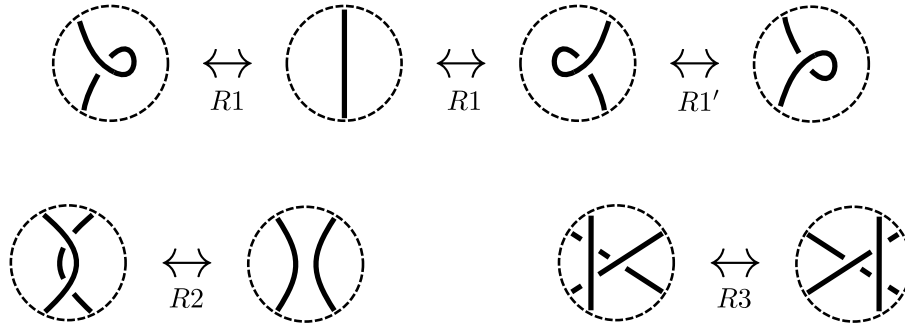


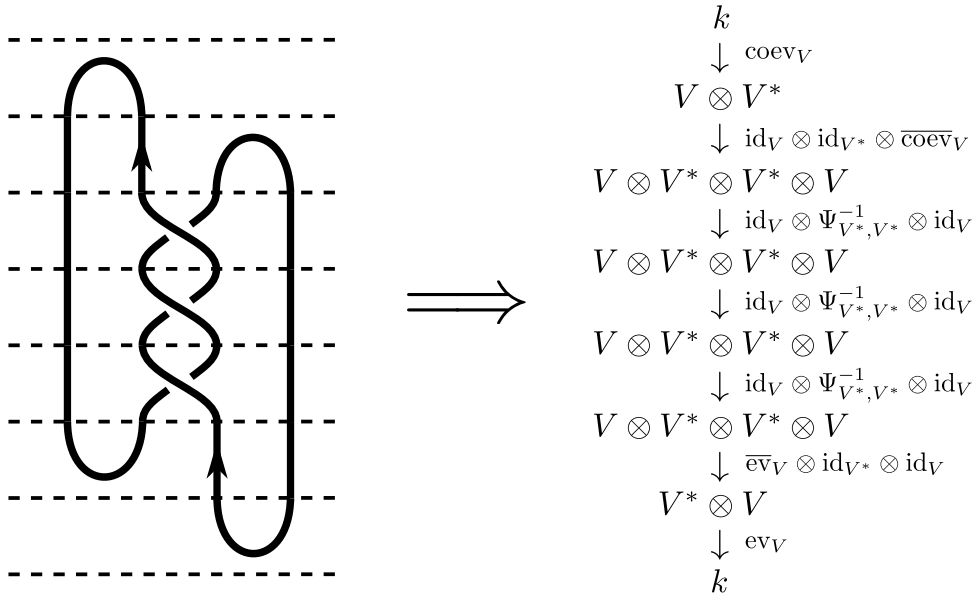
RESHETIKHIN-TURAEV INVARIANTS CHEAT SHEET



The three Reidemeister moves and weakened first Reidemeister move.

$$t^{-1} V \left(\text{crossing} \right) - t V \left(\text{crossing} \right) = (t^{1/2} - t^{-1/2}) V \left(\text{two strands} \right)$$

Defining “Skein” relation for the Jones polynomial.



Example computation for the Reshetikhin-Turaev invariants on the trefoil knot.