1 Conventions for crossings

|		
2 1	2 1	2 1
3 0	3 0	3 0
0	**+1**	**-1**
Unoriented	**Positive (CL)**	**Negative (CCL)**
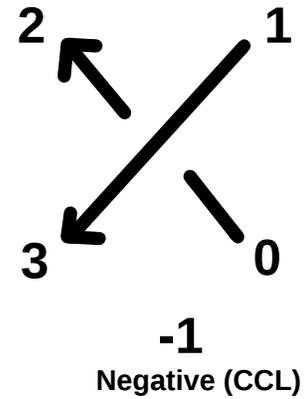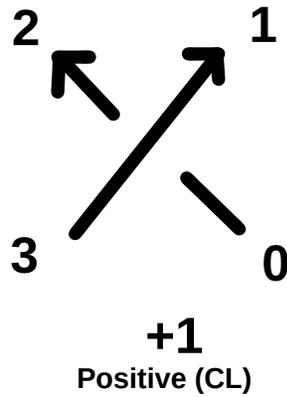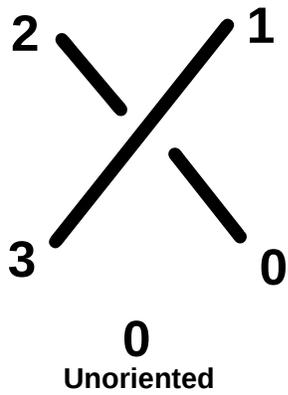
2 Conventions for tangles

A tangle T is a rectangular piece of a projection with $2n$ incoming strands, where these strands are numbered as shown.

$$n \quad n+1 \qquad\qquad 2n-2 \quad 2n-1$$

$$T$$

$$0 \quad 1 \quad 2 \qquad\qquad n-2 \quad n-1$$
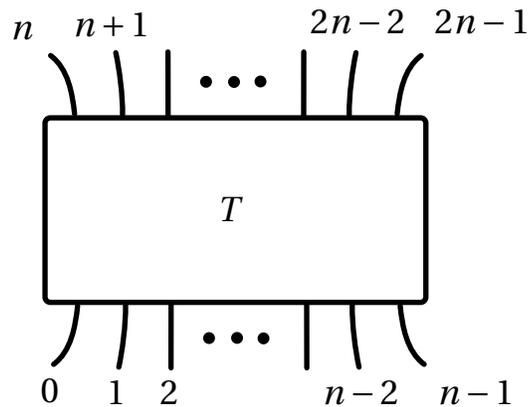
Conventions for operations and rational tangles follow
http://homepages.math.uic.edu/~kauffman/VegasAMS.pdf
and are shown on the next page.

$T + S$

$T * S$

$-T$

$\dfrac{1}{T}$

mirror cross.

$T \,|\, S$

Numerator closure

Denominator closure

Basic rational tangles

-2

-1

0

1

2

$-\dfrac{1}{2}$

$-\dfrac{1}{1}$

∞

$\dfrac{1}{1}$

$\dfrac{1}{2}$