

$$\begin{aligned}
Z^t \left(\begin{array}{c} \text{Diagram with crossings and arrows} \\ \text{Labels: } (+ -) \text{ and } (- +) \end{array} \right) \bmod \mathcal{H}(\text{Diagram}) &= \text{Diagram 1} + \text{Diagram 2} + (\text{deg} \geq 4). \\
&= \text{Diagram 3} + \text{Diagram 4} - \frac{1}{2} \text{Diagram 5} + \frac{1}{2} \text{Diagram 6} \\
&+ \frac{1}{8} \text{Diagram 7} + \frac{1}{8} \text{Diagram 8} - \frac{1}{4} \text{Diagram 9} + (\text{deg} \geq 4).
\end{aligned}$$

The diagram on the left is a braid with four strands. The top two strands cross, and the bottom two strands cross. Arrows point downwards on all strands. Labels $(+ -)$ and $(- +)$ are at the top and bottom crossings. A parameter r is associated with the crossings.

The first term on the right is a sum of two diagrams: a crossing of two strands with a downward arrow, and a crossing of two strands with a downward arrow and an upward arrow.

The second row shows four diagrams with coefficients: a crossing with a downward arrow; a crossing with a downward arrow and an upward arrow; a crossing with a downward arrow and an upward arrow, with a dashed line and a coefficient of $-\frac{1}{2}$; and a crossing with a downward arrow and an upward arrow, with a dashed line and a coefficient of $\frac{1}{2}$.

The third row shows three diagrams with coefficients: a crossing with a downward arrow and an upward arrow, with a dashed line and a coefficient of $\frac{1}{8}$; a crossing with a downward arrow and an upward arrow, with a dashed line and a coefficient of $\frac{1}{8}$; and a crossing with a downward arrow and an upward arrow, with a dashed line and a coefficient of $-\frac{1}{4}$.