

$$P^3 : \begin{array}{c} a \quad b \\ \diagdown \quad / \\ \mu \\ | \\ c \end{array} \mapsto \begin{array}{c} a \quad b \\ \diagdown \quad / \\ \mu \\ | \\ c \end{array} = (-1)^{|\mu|} \begin{array}{c} a \quad b \\ \diagdown \quad / \\ \mu \\ | \\ c \end{array}$$

The diagram illustrates a property of the operator  $P^3$  acting on a vertex  $\mu$ . On the left, a vertex  $\mu$  is connected to three legs labeled  $a$ ,  $b$ , and  $c$ . An arrow  $\mapsto$  points to a diagram where the legs  $a$ ,  $b$ , and  $c$  are wavy lines, and the vertex  $\mu$  is located inside a spiral structure. This is then equated to  $(-1)^{|\mu|}$  times the original vertex  $\mu$  with legs  $a$ ,  $b$ , and  $c$ .