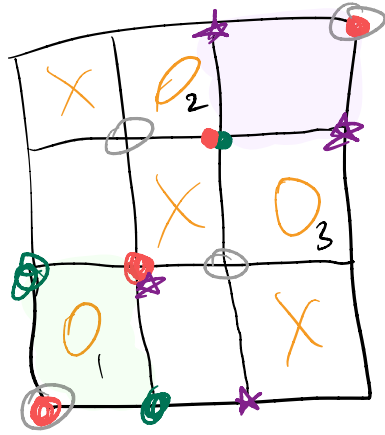


3x3 grid diagram for the unknot.

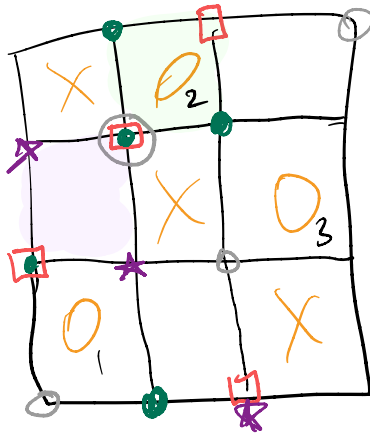
1x1 empty rectangles $O_i = 0$.

1x1 empty rectangles $O_i = 1$

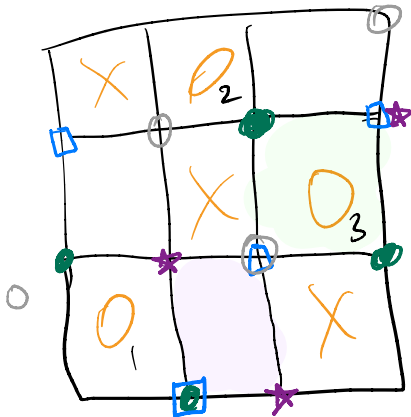
2x1 empty rectangles $O_i = 1$



$$\partial(\bullet) = V_1 \bullet + \star$$



$$\partial(\square) = V_2 \bullet + \star$$



$$\partial(\square) = V_3 \bullet + \star$$

$$\partial(\circ) = V_1(\square + \square) + V_2(\bullet + \square) + V_3(\bullet + \square)$$