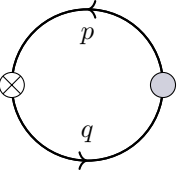


$$\partial_t \Gamma_k[\phi] = \frac{1}{2} \sum_{i,j=1}^N \int_{p,q} \partial_t R_{k,ij}(p,q) \left(\bigotimes \right) \left(\bigcirc \right) \left[\Gamma_k^{(2)}[\phi] + R_k \right]_{ji}^{-1}(q,p)$$


The diagram shows a bubble loop. On the left, a vertex is represented by a circle with an 'X' inside. On the right, a vertex is represented by a solid grey circle. These two vertices are connected by two curved lines forming a loop. The upper arc of the loop is labeled with the variable p and has an arrow pointing from left to right. The lower arc is labeled with the variable q and has an arrow pointing from right to left.