

$$C_\bullet = (C_p, \partial_p) := C_3 \begin{array}{c} \xleftarrow{\delta_2} \\ \xrightarrow{\partial_3} \end{array} C_2 \begin{array}{c} \xleftarrow{\delta_1} \\ \xrightarrow{\partial_2} \end{array} C_1 \begin{array}{c} \xleftarrow{\delta_0} \\ \xrightarrow{\partial_1} \end{array} C_0, \quad \text{where} \quad \partial C_{p-1} \circ \partial C_p = \delta C_{p+1} \circ \delta C_p = 0$$