

$$\begin{array}{ccccccc} \cdots & \longrightarrow & C_{i,1} & \xrightarrow{\partial_{i,1}} & C_{i+1,1} & \longrightarrow & \cdots \\ \cdots & \longrightarrow & C_{i,0} & \xrightarrow{\partial_{i,0}} & C_{i+1,0} & \longrightarrow & \cdots \\ \cdots & \longrightarrow & C_{i,-1} & \xrightarrow{\partial_{i,-1}} & C_{i+1,-1} & \longrightarrow & \cdots \end{array}$$