

$$\operatorname{colim}(c_1 \xleftarrow{f_1} c_0 \xrightarrow{f_2} c_2) \xrightarrow[\cong]{} \operatorname{colim}(c'_1 \xleftarrow{f'_1} c'_0 \xrightarrow{f'_2} c'_2)$$