

$$\begin{array}{ccccccc}
0 & \longrightarrow & \mathrm{Ext} \left(H_{n-1}(C), G \right) & \longrightarrow & H^n \left(C; G \right) & \xrightarrow{h} & \mathrm{Hom} \left(H_{n-1}(C), G \right) \longrightarrow 0 \\
& & \uparrow & & \uparrow & & \uparrow \\
0 & \longrightarrow & \mathrm{Ext} \left(H_{n-1}(C'), G \right) & \longrightarrow & H^n \left(C'; G \right) & \xrightarrow{h} & \mathrm{Hom} \left(H_{n-1}(C'), G \right) \longrightarrow 0
\end{array}$$