

$$\begin{array}{ccccccc}
0 & \longrightarrow & Y & \xrightarrow{\begin{pmatrix} 0 \\ 1 \end{pmatrix}} & \mathrm{Cone}(f) & \xrightarrow{\begin{pmatrix} 1 & 0 \end{pmatrix}} & \Sigma X \longrightarrow 0 \\
& & \parallel & & \downarrow \begin{pmatrix} 1 & 0 \\ s & 1 \end{pmatrix} \simeq & & \parallel \\
0 & \longrightarrow & Y & \xrightarrow{\begin{pmatrix} 0 \\ 1 \end{pmatrix}} & \mathrm{Cone}(g) & \xrightarrow{\begin{pmatrix} 1 & 0 \end{pmatrix}} & \Sigma X \longrightarrow 0
\end{array}$$