



$$\begin{array}{ccc}
 & \begin{array}{c} Y \\ \downarrow \end{array} & \\
 \text{Cone} \left[\begin{array}{ccc} X & \xrightarrow{f} & Y \end{array} \right] & \xrightarrow{\text{PBPO}} & \text{Cone} \left[\begin{array}{ccc} X & \xrightarrow{g \circ f} & Z \end{array} \right] \\
 & \begin{array}{c} Z \\ \downarrow \end{array} &
 \end{array}$$

