

$$\begin{array}{ccc}
 Z & \xrightarrow{g} & Y \\
 f \downarrow & & \downarrow i_2 \\
 X & \xrightarrow{i_1} & X \amalg_Z Y
 \end{array}
 \begin{array}{c}
 \xrightarrow{p'_2} \\
 \exists ! \theta \\
 \xrightarrow{p'_1}
 \end{array}
 W$$