

$$\begin{array}{ccc}
\mathcal{C} & \xrightarrow{\quad} & \mathcal{C}[W^{-1}] & \ni & \left(X \xleftarrow[\quad f \quad]{\sim} X_1 \xrightarrow[\quad g \quad]{} X_2 \xleftarrow[\quad h \quad]{\sim} Y \right) \\
& \searrow F & \downarrow \bar{F} & & \downarrow \\
& & \mathcal{D} & \ni & \left(F(X) \xrightarrow{F(f)^{-1}} F(X_1) \xrightarrow{F(g)} F(X_2) \xrightarrow{F(h)^{-1}} F(Y) \right)
\end{array}$$

$$F(W) \subseteq \text{Iso}(\mathcal{D})$$