$$\begin{array}{ccc}
 & & \pi(Y, \varphi_0(x_0)) \\
 & \varphi_{0_*} \nearrow & \big\downarrow u \\
\pi(X, x_0) & & \\
 & \varphi_{1_*} \searrow & \\
 & & \pi(Y, \varphi_1(x_0))
\end{array}$$