

$$\begin{array}{ccc}
 & & \pi_n(Y, g(x_0)) \\
 & \nearrow g_* & \downarrow \cong \quad S[\tau] \\
 \pi_n(X, x_0) & & \\
 & \searrow f_* & \downarrow \\
 & & \pi_n(Y, f(x_0))
 \end{array}$$