

$$\begin{array}{ccc}
 \pi_n(X, x_0) & \xrightarrow{f_*} & \pi_n(Y, f(x_0)) \\
 \downarrow h & & \downarrow h \\
 H_n(X) & \xrightarrow{f_*} & H_n(Y)
 \end{array}$$