

$$\begin{array}{ccc}
 h_1^*(S^n) & \xrightarrow[f_n^*\Sigma]{\cong} & h_1^*(S^{n+1}) \\
 \downarrow T_{S^n} \cong & & \downarrow T_{S^{n+1}} \\
 h_2^*(S^n) & \xrightarrow[f_n^*\Sigma]{\cong} & h_2^*(S^{n+1})
 \end{array}$$