

$$\begin{array}{ccc}
 X & \xrightarrow{\quad i \quad} & U(V_x) \\
 & \searrow f & \downarrow U(T) \\
 & & U(W)
 \end{array}
 \qquad
 \begin{array}{c}
 V_x \\
 \downarrow h \\
 W
 \end{array}$$