

$$\begin{array}{ccccccc}
 X & \xrightarrow{f} & Y & \xrightarrow{g} & Z & \xrightarrow{\eta} & \\
 \parallel & & & & \nearrow \text{TFib} s & \nwarrow \text{TFib} t & \\
 & & M & & & & N \\
 & & \searrow a & & & \swarrow b & \\
 X & \xrightarrow{v_X} & V_X & \xrightarrow{u_X} & U_X & \xrightarrow{\delta_X} &
 \end{array}$$