

$$\begin{array}{ccc}
 Z & \xleftarrow{\text{eval}} & Z^Y \times Y \\
 & \nwarrow g & \uparrow (h, \text{id}_Y) \\
 & & X \times Y
 \end{array}
 \qquad
 \begin{array}{ccc}
 & & Z^Y \\
 & & \uparrow h \\
 & & X
 \end{array}$$