

$$\begin{array}{ccc}
 Z & \xleftarrow{\text{eval}} & \text{Hom}_{\mathbf{Set}}(Y, Z) \times Y \\
 & \nwarrow g_a & \uparrow (h_a, \text{id}_Y) \\
 & & X \times Y
 \end{array}
 \qquad
 \begin{array}{c}
 Z^Y \\
 \uparrow h_a \\
 X
 \end{array}$$