

$$\begin{array}{ccccccc}
& & X & \xlongequal{\hspace{1.5cm}} & X & & \\
& & \downarrow \begin{pmatrix} \lambda' \\ a \end{pmatrix} & & \downarrow a & & \\
A & \xrightarrow{\begin{pmatrix} 1 \\ 0 \end{pmatrix}} & A \oplus Y & \xrightarrow{\begin{pmatrix} 0 & 1 \end{pmatrix}} & Y & \xrightarrow{0} & \\
\parallel & & \downarrow (x, -w') & & \downarrow b & & \\
A & \xrightarrow{x} & B & \xrightarrow{y} & Z & \xrightarrow{\lambda_* \delta} & \\
& & \downarrow y^* \delta & & \downarrow \delta & &
\end{array}$$