

$$\begin{array}{ccccc}
 W & \xlongequal{\quad} & W & \xlongequal{\quad} & W \\
 \downarrow e_2 & & \downarrow & & \downarrow \\
 X \oplus W & \xrightarrow{\quad f \quad} & E & \dashrightarrow & T \\
 \downarrow p_1 & & \downarrow g & & \downarrow \\
 X & \xrightarrow{\quad gf \quad} & Y & \xrightarrow{\quad d \quad} & Z
 \end{array}$$

$$0 \xleftarrow{(gf)^*} \delta \xleftarrow{\quad d^* \quad} \eta$$