

$$\begin{array}{ccc}
 A & \xrightarrow{f} & B \\
 \downarrow h & \searrow \varphi & \downarrow g \\
 C & \xrightarrow{k} & D
 \end{array}$$

$$A \xrightarrow{\begin{pmatrix} f \\ h \end{pmatrix}} B \oplus C \xrightarrow{(g, -k)} D$$

$$H^{-1}(T)$$

$$H^0(T)$$

$$H^1(T)$$