

$$\begin{array}{ccccccc}
& & T & & & & \\
& & \downarrow & & & & \\
X & \xrightarrow{\text{TCofib}} & E & \longrightarrow & S & \longrightarrow & \\
& & \downarrow \text{Fib} & & & & \\
& & 0 & & & & \\
& & \downarrow & & & &
\end{array}$$