

$$\begin{array}{ccc}
\mathrm{Hom}(T_E, F) \otimes T_E & \xrightarrow{\mathrm{Hom}(T_E, \psi) \otimes T_E} & \mathrm{Hom}(T_E, G) \otimes T_E \\
\downarrow \epsilon(F) & & \downarrow \epsilon(G) \\
F & \xrightarrow{\psi} & G
\end{array}$$