

$$\begin{array}{ccc}
 F(x) & \xrightarrow{F(\eta_{K_2\Gamma_1})} & F(K_2(\Gamma_1(x))) \\
 \searrow (G(\alpha)\circ\psi)_x & & \nearrow (F(\beta)\circ\psi)_x \\
 & G(\Gamma_2(x)) &
 \end{array}$$