

$$\begin{array}{ccc}
|\mathcal{K}(\chi(K))| & \xrightarrow{|\mathcal{K}(\chi(\varphi))|} & |\mathcal{K}(\chi(L))| \\
\mu_{\chi(K)} \downarrow & & \downarrow \mu_{\chi(L)} \\
\chi(K) & \xrightarrow{\chi(\varphi)} & \chi(L)
\end{array}$$